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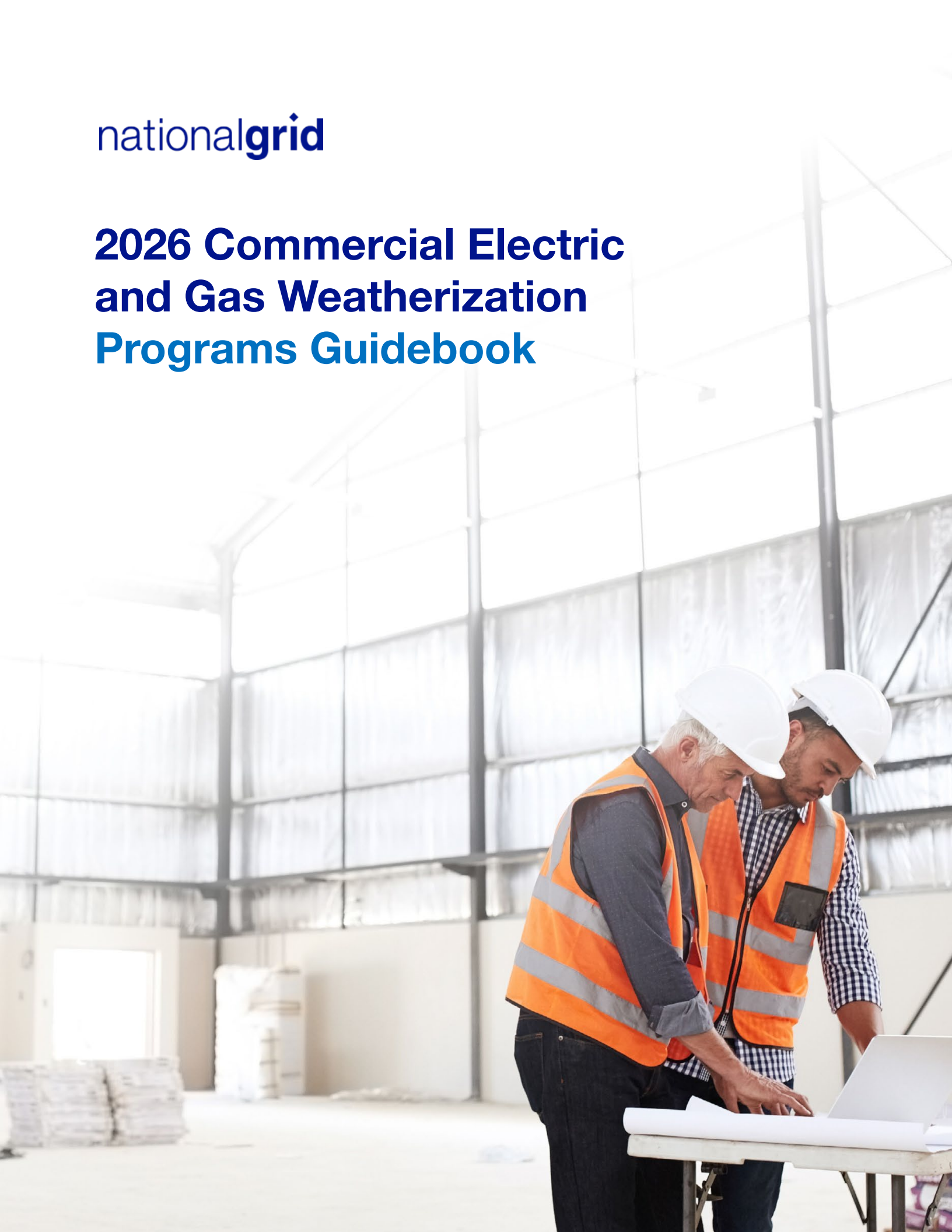
2026 Commercial Electric and Gas Weatherization Programs Guidebook



2026 National Grid Commercial Electric and Gas Weatherization Programs Guidebook

Instructions

This Guidebook contains program eligibility criteria and incentive amounts available for the commercial electric and gas weatherization Energy Efficiency Measures (EEMs) listed in this guidebook. This information can be used to determine program and customer eligibility, estimate potential incentives, assist in applying for incentives, and explain the Post Inspection and Quality Assurance and Quality Control (QA/QC) procedures.

Customer Eligibility

The customer must be on a National Grid commercial gas or electric rate code that pays the System Benefits Charge (SBC).

- Delivered fuel customers are eligible if they are on a National Grid commercial electric rate code that pays the System Benefits Charge (SBC).
- To participate in the Electric Weatherization Program, the building must have a hard-wired electric heating system (i.e., electric resistance, Heat Pump) that services at least 50% of the calculated heating load of the building.
- Customers may not apply for or receive multiple incentives for the same EEM from other SBC funded and or rate based funded New York State utilities, or from other National Grid energy efficiency programs or the New York State Energy Research and Development Authority ("NYSERDA").

How To Participate

1. Engage early with National Grid and schedule pre-inspection
2. Submit project scope and sign Offer Letter to reserve funding
3. Complete installation
4. Schedule post-inspection and submit documentation for final review

Planning:

- Contact your National Grid representative first to confirm project eligibility.
- We will schedule a pre-inspection site visit to document the existing measure and conditions.

- Project Approval:
  - Email your completed application package to your National Grid representative.
  - Required documents to be included in your application package:
    1. Completed and signed application

2. Detailed description of facility project, hours of operation, and insulation R-values and U-factors
3. Account numbers for all project installation sites
4. Existing measure information (nameplate data)
5. Specification sheets with measure performance ratings
6. Pre- Inspection photos – must clearly document the existing conditions of the measure, including the specific items or area involved (e.g., windows, pipe insulation, cracks requiring air sealing), along with precise locations.
7. Total cost of project supported by contractor quote for proposed measure being installed

- Federal Tax ID and Customer W-9 and/or Incentive Recipient W-9 (if different from Customer).
- National Grid will review your application to determine preliminary savings and incentives.
- If approved, we will send an Offer Letter detailing the incentive amount along with a Minimum Requirements Document (MRD), which provides the required weatherization efficiencies for an acceptable project.
- Customer signs the Offer Letter and the MRD and returns them to their National Grid representative.
- Share any project scope changes with your National Grid representative immediately. Further review of project eligibility, savings, and the incentive may be required.

- Completed Construction:
  - When the weatherization measure is installed, notify your National Grid representative.
  - **Submit the final project paid in full invoices (material and labor)** and any requested final documents to your National Grid representative.
  - **Submit installation photos for all weatherization projects (e.g., wall insulation, air sealing cracks, pipe insulation, etc.).** All photo documentation must meet the following requirements:
    - Photos must be clear and include readable labels (e.g., insulation thickness measurements).
    - All photos must be geotagged for time, day and location.
    - Photos must document all necessary information to approve the project including but not limited to insulation type, thickness, and R-value and/or U-factor.
    - Photos showing thickness measurements must clearly display the measurement tool in use (e.g., measuring tape, depth gauge).
    - Include overview photos that clearly show the location and extent of the installed weatherization measure for each item.
  - National Grid may schedule a post-inspection site visit to confirm all work was done in accordance with the MRD. Customer signature is required once the post inspection is

completed. The company reserves the right to not pay any incentive until it has performed a verification of the specified installation. If the Company determined that the Energy Efficiency Measures (EEMs) were not installed in a manner that is consistent with Program guidelines and applicable state and local code requirements, the Company may require that the installation be modified before making any incentive payments. The cost of such modifications is the responsibility of the Customer.

- We will conduct a final review of the project and revise the energy savings and incentive if needed.
- An Incentive Check will be mailed to the Payee address and Payee contact listed on the application.

Incentives For Disadvantaged Communities and Passive Buildings

- Customers located in Disadvantaged Communities may be eligible for increased incentives. Work with your National Grid representative to check eligibility Disadvantaged Communities - NYSERDA
- Ask your National Grid representative about Passive Building Incentives offered under the Commercial Electric Weatherization program.

Program Requirements

- Project must be in an existing building, either a retrofit or gut rehab
  - Gut Rehab: For the purposes of program eligibility, gut rehab projects are defined as meeting one of the following conditions:

    a. Change of Occupancy with Full Reconstruction:

    Projects involving a change in occupancy accompanied by the reconstruction of an existing building or interior space, including removal of all materials, systems, and equipment down to the structural load-bearing elements.

    b. Reconstruction of a Vacant Structure or Space:

    Projects that involve the reconstruction of a vacant building or interior space, including removal of all materials, systems, and equipment down to the structural load-bearing elements.
- Ineligible Project Types: New Construction, including building additions as defined in the Energy Conservation Construction Code of New York State (ECCCNYS), is not eligible to participate in energy efficiency programs unless explicitly permitted for specific measures (e.g., ground source heat pumps).
- Energy Savings baseline requirements: For Qualifying Gut Rehab projects, the current ECCCNYS and/or applicable local energy code shall serve as the baseline for determining eligible energy savings.
- Equipment must be installed after customer signs and submits a signed Incentive Offer Letter from National Grid.
- The Customer is responsible for ensuring compliance with all applicable building codes.
- Installed measures must meet or exceed the standards set forth in the New York State Energy Code for retrofit projects in existing buildings

- **Installed measures must exceed the standards set forth in the New York State Energy Code for gut rehab projects.**

Program Contacts

For questions, contact your National Grid representative or call **1-800-787-1706** or email energysavings@nationalgrid.com

Eligible Measures

All measures and incentives listed below are subject to change at the discretion of National Grid without prior written notification. Issuance of incentives for completed applications is contingent upon program availability and program funding.

Air Curtains

Specifications — Qualifying air curtains must cover the entire door opening and operate only during the cooling and heating seasons. This measure is applicable to entryways with overhead doors and pedestrian doorways, including sliding door entryways between indoor conditioned and outdoor unconditioned spaces.

This measure is applicable to retrofit and gut rehab projects where it is not required by the current ECCCNYS and/or applicable local code.

Baseline — The baseline condition for this measure is an entryway with overhead doors or a pedestrian doorway with no air curtains installed.

Compliance products shall be rated in accordance with ANSI/AMCA Standard 220-21. Air curtains shall operate only during the cooling and heating seasons.

Installation must follow manufacture recommendations regarding proper air velocity, discharge angle down to the floor level and unit position.

Incentive:

Gas UNY and DNY	Incentive		Project Cap
Air Curtains	$3000/Unit		Up to 100% of the Project Cost, with a maximum incentive cap of $45,000 per project
Electric UNY	**Incentive**	**DAC Incentive**	**Project Cap**
Air Curtain - Heating	$3000/unit	$3500/unit	Up to 100% of the Project Cost, with a maximum incentive cap of $45,000 per project

Project Scope must include:

- Quantity of air curtains to be installed
- Size of entryway (Height and Length)
- Indicate if the entryway has a vestibule

- Air Curtain Motor Horsepower (decimal)
  Building System Type:
  - AC With Electric Heat
  - AC With Fuel Heat
  - Air Source Heat Pump
  - Electric Heat Only
  - Fuel Heat Only
- Indoor heating temperature set point (F), if known
- Indoor cooling temperature set point (F), if known
- Fossil Fuel Equipment Efficiency (Eff Fuel Heat) – for Gas only
- Electric Cooling Seasonal Efficiency (Eff Elec Cool) – for Electric cooling
- Electric Heating Efficiency Rating (COP or HSPF) – for Electric Heating

Air Sealing

Specifications — This measure covers methods of sealing air leakage paths to reduce the natural air infiltration rate of a building through the installation of products and repairs to the building envelope, including, but not limited to, caulking, gasketing, door sweeps, and weather stripping.

This measure is only applicable as a retrofit in existing buildings.

Partial air sealing treatment applications are acceptable, where the square feet collected shall reflect the conditioned floor area impacted by air leakage sealing inspection and remediation.

Baseline — The baseline air leakage flow rate shall come from blower door testing. If pre-implementation blower door results are unavailable, TRM default values will be used. For all buildings, if a blower door test cannot be conducted, pre-implementation results will serve as existing conditions.

Compliance — The compliance condition is the application of air leakage sealing treatments to an existing building envelope such that the exterior envelope, as well as interior walls/partitions between conditioned and unconditioned spaces have been inspected and all identified significant air gaps sealed.

The compliance air leakage flow rate shall come from blower door testing. If post-implementation blower door results are unavailable, TRM default values will be used. For all buildings, if a blower door test cannot be conducted, post-implementation results will serve as efficient conditions.

Incentive:

Gas UNY and DNY	Incentive	DAC Incentive	Project Cap
Air Sealing	$6/LF	$7/LF	Up to 85% of the Project Cost with a maximum incentive cap of $250,000 per project
Electric UNY	**Incentive**	**DAC Incentive**	**Project Cap**
Air Sealing	$6/LF	$7/LF	Up to 70% of the Project Cost, with a maximum incentive cap of $150,000 per project, DAC customers, up to 85% of the Project Cost with a maximum incentive cap of $150,000 per project

Project Scope must include:

- The exterior envelope, as well as interior walls/partitions between conditioned and unconditioned spaces, should be inspected through a comprehensive building envelope survey and **all gaps sealed.** At a minimum, the following items shall be inspected, and sealing measures implemented based upon inspection results:
  - Caulk and weather strip doors and windows that leak air and install door sweeps on doors leading to the exterior or an unconditioned space.
  - Repair or replace doors leading from conditioned to unconditioned spaces
  - Seal air leaks between unconditioned (including unconditioned basements and attics) and conditioned spaces to include but not limited to plumbing, ducting, electrical wiring, wall top plates, chimneys, flues, and drooped soffits
  - Use foam sealant on larger gaps around windows, baseboards, and other places where air leakage either infiltration or exfiltration may occur
- Conditioned area (sq ft) impacted by air sealing treatment
- Linear footage of air sealed gaps
- Identify shielding class/obstruction near the facility
  - (1) No shielding on any side
  - (2) A few nearby obstructions
  - (3) A collection of obstructions within 25 feet
  - (4) Substantial number of obstructions that shield most of the perimeter – typical suburban settings
  - (5) Buildings surrounded by large structures – typical urban setting
- Number of conditioned stories/floors
- Infiltration rate CFM75, Baseline/sq ft, if known
- Infiltration rate CFM75, Proposed/sq ft, if known
- Fossil Fuel Equipment Efficiency (Eff Fuel Heat) – for Gas only
- Electric Cooling Seasonal Efficiency, Eff ElecCool (SEER or IEER) – for Electric cooling
- Electric Cooling Energy Efficiency Ratio (EER) – for Electric cooling
- Electric Heating Efficiency Rating, Eff ElecHeat (HSPF) – for Electric Heating

Window Replacement

Specification —This measure covers the installation of high-efficiency windows with reduced thermal conductance and solar heat gain coefficient. For the purposes of this measure, a window is defined as an assembled unit consisting of a frame/sash component holding one or more pieces of glazing functioning to admit light and/or air into an enclosure and designed for a vertical installation in an external wall of a commercial building.

For Retrofit Projects:

Baseline — The baseline condition uses the windows characteristics found in the TRM V13 models in appendix A.

Compliance — The minimum compliance condition for this measure is a window meeting or exceeding the specifications prescribed for improved fenestration as presented in the table below.

Climate Zone	Maximum U-Factor		Maximum SHGC	Minimum Visible Transmittance
	Fixed	Operable		
4 & 5	0.31	0.38	0.34	0.41
6	0.26	0.32	0.38	0.44

For Gut Rehab Projects:

Baseline — The baseline condition is a window meeting the current ECCCNYS and/or applicable local code.

Compliance — The compliance condition for this measure is a window exceeding the current ECCCNYS and /or applicable local code. The 2025 ECCCNYS code is presented below.

Climate Zone	Maximum U-Factor		Maximum SHGC	Minimum Visible Transmittance
	Fixed	Operable		
4 & 5	0.31	0.38	0.34	0.41
6	0.26	0.32	0.38	0.44

Note: For gut rehab, windows' energy savings calculations will be processed custom by Technical Sales and Support (TSS) engineers.

Incentive*:*

Gas UNY and DNY	Incentive	DAC Incentive	Project Cap
U Factor ≤ 0.27	$8/sq ft	$9/sq ft	Up to 85% of the Project Cost with a maximum incentive cap of $250,000 per project
U Factor 0.28-0.38	$5.5/sq ft	$6.5/sq ft	
Electric UNY	**Incentive**		**Project Cap**
U Factor ≤ 0.279999	$8/sq ft		Up to 70% of the Project Cost, with a maximum incentive cap of $150,000 per project, DAC customers, up to 85% of the Project Cost with a maximum incentive cap of $150,000 per project
U Factor 0.28-0.42	$5.5/sq ft		

Project Scope must complete the Window Calc in the Weatherization Tool that includes:

- Quantity of windows (if proposal includes several window models or types, please list quantity for each one)
- Area (sq ft) of each window or window dimension (height and width)
- Building Type (Commercial, Industrial)
- Project Type (Retrofit or Gut Rehab)
- Each window structure type (i.e., Operable or Fixed), quantity, and location
- Building System Type:
  - AC With Electric Heat
  - AC With Fuel Heat
  - Air Source Heat Pump
  - Electric Heat Only
  - Fuel Heat Only
- Spec Sheet or NFRC that includes:
  - Proposed Window U-Factor
  - Proposed Solar Heat Gain Coefficient (SHGC)
  - Proposed Visible Transmittance (VT)
  - Proof of U-Factors, SHGC, & VT needs to be provided using the manufacturer's order confirmation/specification sheet showing the sizes and U-Factors for all windows, or the NFRC sticker from each window
- Fossil Fuel Equipment Efficiency (Eff Fuel Heat) – for Gas only
- Electric Cooling Seasonal Efficiency, Eff ElecCool (SEER or IEER) – for Electric cooling
- Electric Cooling Energy Efficiency Ratio (EER) – for Electric cooling
- Electric Heating Efficiency Rating, Eff ElecHeat (HSPF) – for Electric Heating

Window Inserts

Specifications — Window inserts, also known as secondary windows, are retrofit products that attach to the interior or exterior of existing windows and provide an enhanced insulating barrier between the window and the outdoor environment, minimizing the infrared energy that can pass through and reduce air infiltration. Window Inserts must be fixed in place with a mechanical fastener, making them non-removable.

Windows for unconditioned spaces (such as basement) or interior windows that are not exposed directly to the outdoors (such as interior vestibules) are not eligible.

Baseline — The baseline condition is the existing window U-factor, where such value is known and substantiated by acceptable supporting documentation. In cases where the existing U-factor is not available or cannot be adequately documented, the engineering team will establish an estimated baseline U-factor based on the information provided in the project scope section below.

Compliance — The compliance condition for this measure is the installation of a permanently installed (non-removable) window insert or secondary window that results in an overall reduction in

the window U-factor relative to existing conditions and demonstrates net positive energy savings, inclusive of any applicable solar heat gain impacts or penalties, where evaluated.

Incentive

Gas UNY and DNY	Incentive	DAC Incentive	Project Cap
Window Insert	$3.5/sq ft	$4.5/sq ft	Up to 85% of the Project Cost with a maximum incentive cap of $250,000 per project
Electric UNY	**Incentive**		**Project Cap**
Window Insert	$3.5/sq ft		Up to 70% of the Project Cost, with a maximum incentive cap of $150,000, DAC customers, up to 85% of the Project Cost with a maximum incentive cap of $150,000 per project.

Project Scope must include:

- Building Type
- Building System Type:
  - AC With Electric Heat
  - AC With Fuel Heat
  - Air Source Heat Pump
  - Electric Heat Only
  - Fuel Heat Only
- Existing Window Vintage: Year Built or Year of Last Renovation
- Existing number of panes per window (i.e., single, double)
- Existing Window U-Factor, if known
- Existing Solar Heat Gain Coefficient (SHGC)
- Existing Visible Transmittance (VT)
- Proof of existing U-factors, SHGC, & VT, needs to be provided using either the manufacturer's order confirmation showing the sizes and U-factors for all windows, or product specifications sheet or other method deemed acceptable by internal engineering staff.
- Window insert Spec Sheet or NFRC that includes:
  - Proposed post-install Window U-Factor
  - Proposed post-install Solar Heat Gain Coefficient (SHGC)
  - Proposed post-install Visible Transmittance (VT)
  - Proof of proposed U-Factors, SHGC, & VT needs to be provided using the manufacturer’s order confirmation/specification sheet showing the sizes and U-Factors for all windows, or the NFRC sticker from each window
- Area (sq ft) of each window or window dimension
- Each window structure type (i.e., Operable or Fixed)
- Fossil Fuel Equipment Efficiency (Eff Fuel Heat) – for Gas only

- Electric Cooling Seasonal Efficiency, Eff Elec Cool (SEER or IEER) – for Electric cooling
- Electric Cooling Energy Efficiency Ratio (EER) – for Electric cooling
- Electric Heating Efficiency Rating, Eff Elec Heat (HSPF) – for Electric Heating

Ceiling/Attic/Roof/Wall Insulation

Specifications — This measure covers the installation of wall, roof, attic, and ceiling insulation to reduce the thermal conductance of the building envelope. Energy and demand savings are realized through reductions in the building's heating and cooling loads. Existing (baseline) and installed (qualifying) shell R-values must be captured to estimate energy savings.

Baseline (including wall, roof, attic, and ceiling)

For Retrofit Projects

The baseline condition is a building envelope with insufficient insulation (e.g., R-value less than current construction code requirements).

R-Value of existing insulation shall come from application supported by substantial evidence that is deemed acceptable by internal engineering staff. If unknown, the values presented in the following NYS Technical Resource Manual (TRM) default baseline R-values will be used.

For Gut Rehab Projects/Building — The baseline R-value is the current applicable federal, state, local and/or municipal code. See tables below for example baseline R-values required by 2025 ECCCNYS.

Compliance For Wall/ Ceiling/ Attic/ Roof Projects — The compliance condition is a commercial opaque building shell with increased insulation meeting or exceeding applicable construction code requirements, if required by code.

Opaque shell insulation improvements performed under this measure shall be installed such that all altered envelope components comply with all federal, state, local and municipal codes and standards applicable to alterations or major renovation of existing or gut rehab buildings.

Code compliance is the sole responsibility of the customer and/or contractor. The Program makes no representation or warranty regarding code compliance, and approval of a project or payment of incentives shall not be construed as confirmation of such compliance.

Submit pictures and insulation specification sheet that show insulation type, thickness, R-value and proper installation. Photos showing thickness measurements must show the item being measured by the proper measurement tool (measuring tape, depth gauge, etc.).

TRM Default Baseline R-Values for Retrofit Projects in Existing Buildings

Building Type	Retrofit Projects Only Baseline R-Values	
	Ceiling/Attic/Roof	Wall
Assembly	R-12	R-5
Auto Repair	R-13.5	R-7.5
Big Box Retail	R-12	R-5
Community College	R-13.5	R-7.5
Dormitory	R-13.5	R-7.5
Elementary School	R-12	R-5
Fast Food Restaurant	R-12	R-5
Full-Service Restaurant	R-12	R-5
Grocery	R-12	R-5
High School	R-13.5	R-7.5
Hospital	R-13.5	R-7.5
Hotel	R-13.5	R-7.5
Large Office	R-13.5	R-7.5
Large Retail	R-13.5	R-7.5
Light Industrial	R-12	R-5
Motel	R-12	R-5
Religious	R-12	R-5
Small Office	R-12	R-5
Small Retail	R-12	R-5
University	R-13.5	R-7.5
Warehouse	R-12	R-5

Ceiling/ Attic/ Roof Retrofit Projects – Example Compliance R-Values (when code is triggered)

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Ceiling/ Attic/ Roof Gut Rehab Projects – Baseline R-Values

The following table provides an illustrative example of the2025 ECCCNYS code assembly U-factor (converted to R-value)[1] requirement when code compliance is triggered for major renovation retrofit projects, as well as the applicable baseline R-value for gut rehab for Ceiling/ Attic/ Roof.

Building Type	Retrofit Projects Only Baseline R-Values	2025 ECCCNYS - Section C402.1.2 Assembly maximum *U*-factor (Converted to minimum R-values) R-Values Required for Major Alteration Retrofit Projects for Proposed Insulation & R-Values Required for Gut Rehab Projects for Baseline Insulation					
		Climate Zone 4 & 5			Climate Zone 6		
	Ceiling/ Attic/ Roof	Insulation Entirely Above Roof Deck	Metal Buildings	Attic & Other	Insulation Entirely Above Roof Deck	Metal Buildings	Attic & Other
Assembly	12	U-0.030 (R-33.3)	U-0.035 (R-28.6)	U-0.020 R-50	U-0.029 (R-34.5)	U-0.029 (R-34.5)	U-0.019 (R-52.6)
Auto repair	13.5						
Big Box Retail	12						
Community College	13.5						
Dormitory	13.5						
Elementary School	12						
Fast Food Restaurant	12						
Full-Service Restaurant	12						
Grocery	12						
High School	13.5						
Hospital	13.5						
Hotel	13.5						
Large Office	13.5						
Large Retail	13.5						
Light Industrial	12						
Motel	12						
Religious	12						
Small Office	12						
Small Retail	12						
University	13.5						
Warehouse	12						

[1] Assembly R values are calculated as the inverse of ECCCNYS Section C402.1.2 maximum assembly U-factors and reflect whole ceiling, attic, or roof performance inclusive of framing effects.

Wall Retrofit Projects – Compliance R-Values

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Wall Gut Rehab Projects – Baseline R-Values

The following table provides an illustrative example of the 2025 ECCCNYS wall assembly U-factor[2] (converted to R-value) requirements when code compliance is triggered for major renovation retrofit projects, as well as the applicable baseline R-value for gut rehab.

Building Type	Retrofit Projects Only Baseline R-Values	2025 ECCCNYS - Section C402.1.2 Assembly maximum *U*-factor (Converted to minimum R-values) R-Values Required for Major Alteration Retrofit Projects for Proposed Insulation & R-Values Required for Gut Rehab Projects for Baseline Insulation				
		Climate Zone 4				
	Wall	Mass Wall, Above Grade	Metal Building Wall, Above Grade	Metal Framed Wall, Above Grade	Wood Framed and Other Walls, Above Grade	Below-Grade Wall
Assembly	5	U-0.090 (R-11.1)	U-0.048 (R-20.8)	U-0.061 (R-16.4)	U-0.061 (R-16.4)	C-0.119 (R-8.4)
Auto repair	7.5					
Big Box Retail	5					
Community College	7.5					
Dormitory	7.5					
Elementary School	5					
Fast Food Restaurant	5					
Full-Service Restaurant	5					
Grocery	5					
High School	7.5					
Hospital	7.5					
Hotel	7.5					
Large Office	7.5					
Large Retail	7.5					
Light Industrial	5					
Motel	5					
Religious	5					
Small Office	5					
Small Retail	5					
University	7.5					
Warehouse	5					

[2] Assembly R values are calculated as the inverse of ECCCNYS Section C402.1.2 maximum assembly U-factors and reflect whole wall performance inclusive of framing effects.

Building Type	Retrofit Projects Only Baseline R-Values	2025 ECCCNYS - Section C402.1.2 Assembly maximum *U*-factor (Converted to minimum R-values) R-Values Required for Major Alteration Retrofit Projects for Proposed Insulation & R-Values Required for Gut Rehab Projects for Baseline Insulation				
		Climate Zone 5				
	Wall	Mass Wall, Above Grade	Metal Building Wall, Above Grade	Metal Framed Wall, Above Grade	Wood Framed and Other Walls, Above Grade	Below-Grade Wall
Assembly	5	U-0.080 (R-12.5)	U-0.048 (R-20.8)	U-0.052 (R-19.2)	U-0.048 (R-20.8)	C-0.119 (R-8.4)
Auto repair	7.5					
Big Box Retail	5					
Community College	7.5					
Dormitory	7.5					
Elementary School	5					
Fast Food Restaurant	5					
Full-Service Restaurant	5					
Grocery	5					
High School	7.5					
Hospital	7.5					
Hotel	7.5					
Large Office	7.5					
Large Retail	7.5					
Light Industrial	5					
Motel	5					
Religious	5					
Small Office	5					
Small Retail	5					
University	7.5					
Warehouse	5					

Building Type	Retrofit Projects Only Baseline R-Values	2025 ECCCNYS - Section C402.1.2 Assembly maximum *U*-factor (Converted to minimum R-values) R-Values Required for Major Alteration Retrofit Projects for Proposed Insulation & R-Values Required for Gut Rehab Projects for Baseline Insulation				
		Climate Zone 6				
	Wall	Mass Wall, Above Grade	Metal Building Wall, Above Grade	Metal Framed Wall, Above Grade	Wood Framed and Other Walls, Above Grade	Below-Grade Wall
Assembly	5	U-0.071 (R-14.1)	U-0.048 (R-20.8)	U-0.047 (R-21.3)	U-0.048 (R-20.8)	C-0.092 (R-10.9)
Auto repair	7.5					
Big Box Retail	5					
Community College	7.5					
Dormitory	7.5					
Elementary School	5					
Fast Food Restaurant	5					
Full-Service Restaurant	5					
Grocery	5					
High School	7.5					
Hospital	7.5					
Hotel	7.5					
Large Office	7.5					
Large Retail	7.5					
Light Industrial	5					
Motel	5					
Religious	5					
Small Office	5					
Small Retail	5					
University	7.5					
Warehouse	5					

Incentive:

Gas UNY and DNY	Incentive	DAC Incentive	Project Cap
R value Improvement 4-10	$0.15/sq ft	$1.15/sq ft	Up to 85% of the Project Cost with a maximum incentive cap of $250,000 per project
R value Improvement 11-20	$1.5/sq ft	$2.5/sq ft	
R value Improvement 21-30	$1.75/sq ft	$2.75/sq ft	
R value Improvement 31-40	$1.9/sq ft	$2.9/sq ft	
R value Improvement 41-60	$2/sq ft	$3/sq ft	
Electric UNY	**Incentive**	**DAC Incentive**	**Project Cap**
Wall Insulation -Electric Heating with or Without Cooling			Up to 70% of the Project Cost with a maximum incentive cap of $150,000 per project, DAC customers, up to 85% of the Project Cost with a maximum incentive cap of $150,000 per project
Tier 1 (Delta R: 4 - 10.999)	$2/sq ft	$3/sq ft	
Tier 2 (Delta R: 11-20.999)	$3/sq ft	$4/sq ft	
Tier 3 (Delta R: ≥21+)	$4/sq ft	$5/sq ft	
Passive House (Passivhaus) Incentive	$8/sq ft		
Roof Insulation -Electric Heating with or Without Cooling			Up to 70% of the Project Cost with a maximum incentive cap of $150,000 per project, DAC customers, up to 85% of the Project Cost with a maximum incentive cap of $150,000 per project
Tier 1 (Delta R: 4 - 10.999): Up to 20,000 sq ft of Roof Area	$0.6/sq ft	$1.8/sq ft	
Tier 2 (Delta R: 11-20.999): Up to 20,000 sq ft of Roof Area	$1.7/sq ft	$2.9/sq ft	
Tier 3 (Delta R: ≥21+): Up to 20,000 sq ft of Roof Area	$2.4/sq ft	$3.6/sq ft	
Passive House (Passivhaus) Incentive: Up to 20,000 sq ft of Roof Area	$4.8/sq ft	$7.2/sq ft	
Tier 1 (Delta R: 4 - 10.999): Greater than 20,001 sq ft of Roof Area	$2/sq ft	$3/sq ft	
Tier 2 (Delta R: 11-20.999): Greater than 20,001 sq ft of Roof Area	$3/sq ft	$4/sq ft	
Tier 3 (Delta R: ≥21+): Greater than 20,001 sq ft of Roof Area	$4/sq ft	$5/sq ft	
Passive House (Passivhaus) Incentive: Greater than 20,001 sq ft of Roof Area	$8/sq ft	$10/sq ft	

Project Scope must include:

- Building type
- Project Type: (Retrofit or Gut Rehab)
- Building Envelope Component Type: (Attic, Ceiling, Roof, Wall)
- Building Envelope Component Location
- Existing Insulation Status (i.e., being removed or remaining in addition to proposed insulation)
- Net area of insulated surfaces (sq ft)
- For Gut Rehab Ceiling / Attic / Roof Projects, Indicate its type:
  - Insulation Entirely Above Roof Deck
  - Metal Frame
  - Attic/Other
- For Gut Rehab Wall Projects, Indicate Wall Type:
  - Mass Building [3]
  - Metal Building
  - Metal Framed
  - Wood Frame and Other
  - Below-Grade Wall
- Is it a Passive House Project? (Y/N)
  - If project is Passive House, Passive House Certification is required.
- R-value of existing insulation, if known
  - Supported by substantial evidence and pictures that is deemed acceptable by internal engineering staff.
  - Existing Vintage: Year Built or Year of Last Renovation
- R-value of proposed insulation
  - Submit pictures and insulation specification sheet that show insulation type, thickness, R-value and proper installation. Photos showing thickness measurements must show the item being measured by the proper measurement tool (measuring tape, depth gauge, etc.).
- Fossil Fuel Equipment Efficiency (Eff Fuel Heat) – for Gas only
- Electric Cooling Seasonal Efficiency, Eff Elec Cool (SEER or IEER) – for Electric cooling
- Electric Cooling Energy Efficiency Ratio (EER) – for Electric cooling
- Electric Heating Efficiency Rating, Eff Elec Heat (HSPF) – for Electric Heating

Radiator Radiance Barrier

Specifications — A radiator radiant barrier is a sheet material with a low-emittance surface (emittance ≤ 0.10) installed as part of a building assembly. The radiant barrier is installed between a radiator and an exterior wall to reflect radiant heat emitted by the radiator back into the conditioned space, reducing radiant heat loss to the exterior wall and improving heat delivery to the occupied space.

[3] A wall with a heat capacity exceeding 7 Btu/ft²·°F (ex: concrete wall greater or equal to 6” in thickness).

Baseline — Existing radiators with no radiant barrier installed between the radiator and the exterior wall.

Compliance — Radiant barrier material shall comply with the requirements of ASTM C1313/C1313M (Standard Specification for Sheet Radiant Barriers for Building Construction Applications). The radiant barrier shall be permanently installed between the radiator and the exterior wall and shall fully cover the wall area directly behind the radiator.

Installation shall be performed in accordance with ASTM C1743 (Standard Practice for Installation and Use of Radiant Barrier Systems) and must be completed by a professional contractor. Do-it-yourself (DIY) installations are not eligible for incentives. Picture documentation must be submitted for each installed radiant barrier.

Incentive:

Gas UNY and DNY	Incentive	Project Cap
Radiator Radiant Barrier	$20/Unit	Up to 85% of the Project Cost with a maximum incentive cap of $250,000 per project

Project Scope must include:

- Building type
- Wall Insulation Condition: (Insulated / uninsulated)
  - Submit substantial evidence if wall is uninsulated.
- Quantity of radiators that will have radiant barriers.
- Dimensions of each radiator, if known
- Quantity & installation location of radiant barriers proposed.
- Radiant barrier specification sheet.
- Heating system type (Hot water or Steam).

Exterior Door Replacement

Specifications — This measure covers the replacement of exterior doors, or set of doors, garage doors, or an entrance door with a vertical fenestration used for occupant ingress, egress and access in nonresidential buildings, including, but not limited to, exterior entrances utilizing latching hardware and automatic closers and containing over 50 percent glazing specifically designed to withstand heavy-duty usage. This measure is only applicable as a retrofit in existing buildings.

Baseline — Doors must be installed in the building thermal envelope that provide occupant ingress or egress between conditioned interior space and the unconditioned outdoors. Existing doors' U-factor must be less efficient than the current ECCCNYS/NYC code requirements If the U-values for existing doors are unknown, the table below with the U-factor derived from the current ECCCNYS code will be used.

Compliance — All doors must include air sealing via weather stripping and caulking. All doors must meet or exceed the current ECCCNYS/NYC code requirements. Doors for unconditioned spaces, such as basement or interior doors that are not exposed directly to the outdoors and separate between conditioned and unconditioned spaces do not qualify for incentive.

Incentive:

Values Derived from 2025 ECCCNYS - TABLES C303.1.3(1)(2), C402.1.2, C402.5		
Door Type	**Baseline U-factor**	**ECCCNYS Maximum Code U-factor Accepted**
Non-Swinging Door	0.60	0.31
Swinging Door	0.60	0.37
Garage Door (< 14% Glazing)	0.63	0.31
Entrance Doors (>50% Glazing)	0.67	0.63

Gas UNY and DNY	Incentive	Project Cap
Exterior Door Replacement	$17/sq ft	Up to 85% of the Project Cost with a maximum incentive cap of $250,000 per project
Electric UNY	**Incentive**	**Project Cap**
Exterior Door Replacement	$17/sq ft	Up to 70% of the Project Cost with a maximum incentive cap of $150,000 per project, DAC customers 85% of the Project Cost with a maximum incentive cap of $150,000 per project

Project Scope must include:

- Building System Type:
  - AC With Electric Heat
  - AC With Fuel Heat
  - Air Source Heat Pump
  - Electric Heat Only
  - Fuel Heat Only
- Quantity of Doors
- Doors Location
- Existing Door Vintage: Year Installed, if known
- Existing Window U-Factor, if known
- Area (sq ft) of each door or door dimension (height & width)

- Proof of existing U-factors needs to be provided using either the manufacturer's order confirmation showing the sizes and U-factors for all doors, or product specifications sheet or other method deemed acceptable by internal engineering staff.
- Each door structure type:
  - Non-Swinging Door
  - Swinging Door
  - Garage Door (< 14% Glazing)
  - Entrance Doors (>50% Glazing)
- Proposed Door U-Factor
- Proof of proposed U-factors needs to be provided using either the manufacturer's order confirmation showing the sizes and U-factors for all doors, or the NFRC sticker from each door
- Is the interior area behind the door heated? (Y/N)
- Is the interior area behind the door cooled/air conditioned? (Y/N)
- Pictures must be submitted to prove door sizes, and the doors are separating conditioned space from unconditioned space, (e.g. pictures of radiators or air conditioning units near each door)
- Fossil Fuel Equipment Efficiency (Eff Fuel Heat) – for Gas only
- Electric Cooling Seasonal Efficiency, Eff Elec Cool (SEER or IEER) – for Electric cooling
- Electric Cooling Energy Efficiency Ratio (EER) – for Electric cooling
- Electric Heating Efficiency Rating, Eff Elec Heat (HSPF) – for Electric Heating

Custom Measures:

Tailored to a customer's specific needs, National Grid also offers incentives to help customers target unique energy-efficiency opportunities not covered by our prescriptive offerings.

Custom Incentives are performance based and calculated at the rates indicated in this section. Custom measure eligibility, savings, and incentives are determined at the sole discretion of National Grid. All custom applications require written pre- approval, via a signed offer letter, before construction can begin.

Duct Sealing and Insulation

Specifications — This measure covers the installation of sealing and insulation of the space heating and air conditioning distribution system (including air handlers, filter boxes and building cavities used as ducts before code change) in the unconditioned spaces of commercial facilities.

Sealing and insulation installed under this measure shall meet or exceed all applicable construction code requirements. This measure is only applicable for retrofit projects in existing buildings. Only ductwork located outside of the thermal envelope is eligible for energy savings.

This measure is to be implemented with a visual inspection and an outdoor duct leakage test on the distribution system pre- and post-implementation.

Baseline — The baseline condition is a ducted HVAC system with insufficient sealing and insulation that has undergone duct leakage testing.

Compliance — The compliance condition is a sealed and insulated duct system in a commercial building that has undergone post-implementation duct leakage testing.

A duct leakage test is turned on to pressurize the duct system to 25 Pascals (the standardized pressure differential used as a baseline for a commercial duct leakage test). The results are reported as “cfm @ 25 Pascals (0.1 inches w.g.)”.

The post-installation case must comply with all provisions of enforced codes and standards including but not limited to ECCCNYS and NYSMC 2025.

Supply and return air ducts and plenums located in unconditioned spaces shall be insulated with a minimum of R-6 insulation. Where located outside the building, ducts and plenums shall be insulated with a minimum of R-8 insulation in Climate Zone 4 and with a minimum of R-12 in Climate Zones 5 and 6.

Incentive:

Gas UNY and DNY	Incentive	DAC Incentive	Project Cap
Duct Sealing and Insulation	Up to $17/Therm	Up to $18/Therm	Up to 85% of the Project Cost with a maximum incentive cap of $250,000 per project
Electric UNY	**Incentive**		**Project Cap**
Duct Sealing and Insulation	$0.2/kWh		Up to 70% of the Project Cost, with a maximum incentive cap of $150,000 per project, DAC customers, up to 85% of the Project Cost with a maximum incentive cap of $150,000 per project

Project Scope must include:

- Building Type
- **Duct Location**
- Duct leakage % at pre-installation (using duct blaster testing)
- Pre-install R-value on duct distribution system (uninsulated or R-6)
- Duct leakage % at post-installation (using duct blaster testing)
- Post-install R-value on duct distribution system (uninsulated or R-6)
- Building System Main Type (Constant or Variable Air Volume & With or Without Economizer)
- Building System Type:
  - AC With Electric Heat
  - AC With Fuel Heat
  - Air Source Heat Pump
  - Electric Heat Only
  - Fuel Heat Only
- Duct Location

    - Attic
    - Garage
    - Crawl space, Unvented, Uninsulated
    - Crawl Space, Unvented, Insulated Building Floor and Crawl Space Walls
    - Crawl Space, Unvented, Insulated Floor Only
    - Crawl Space, Vented, Uninsulated
    - Crawl Space, Insulated Building Floor and Crawlspace Walls
    - Crawl Space, Vented, Insulated Floor Only
    - Basement, Uninsulated
    - Basement, Insulated Walls
    - Under-Slab
- Input heating capacity (kBTU/hin) – for Gas only
- Output heating capacity (kBTU/h) – for Gas only
- Input heating capacity (kWin) – for Electric cooling
- Output cooling capacity (tons) – for Electric cooling
- Heating Equivalent Full-Load Hours
- Cooling Equivalent Full-Load Hours
- Seasonal energy efficiency ratio in BTU/watt-hour (SEER) – for Electric cooling
- Integrated energy efficiency ratio in BTU/watt-hour (IEER) – for Electric cooling
- Energy efficiency ratio under peak conditions in BTU/watt-hour (EER) – for Electric cooling
- Heating seasonal performance factor (HSPF) – for Electric heating
- Coefficient of performance (COP) – for Electric heating

Pipe Insulation

Specifications — Installing new pipe insulation on existing bare piping is eligible for an incentive at the rates indicated in this section.

Repairing damaged insulation and gut rehab projects are not eligible for incentives.

- This measure is eligible when installed in unconditioned spaces in the following applications:
    - For Space Heating applications
    - For Domestic Hot Water distribution system applications
    - Other applications (i.e., Chilled Water, LOW, Medium and High-Pressure Steam Systems, etc.)
    - Pipe components (i.e., Tank, Valve, Pump, elbows, steam traps, boiler, water heater etc.) may be eligible for custom incentives
- Pipes that have undergone an asbestos abatement in the past 12 months aren't eligible for incentives
- Insulation must be installed in accordance with the NYCECC or NYSECC as applicable, based on pipe diameter.

    2025 ECCCNYS minimum code compliance is shown in the following table

(Required Insulation Thickness in inches):

Fluid Operating Temperature Range and Usage (°F)	Conductivity BTU-in/h-SF-F	Mean Rating Temperature	Nominal Pipe or Tube Size (in)				
			< 1	> 1 and < 1.5	> 1.5 and < 4	> 4 and < 8	8
> 350	0.32-0.34	250	4.5	5	5	5	5
251-350	0.29-0.32	200	3	4	4.5	4.5	4.5
201-250	0.27-0.30	150	2.5	2.5	2.5	3.0	3.0
141-200	0.25-0.29	125	1.5	1.5	2.0	2.0	2.0
105-140	0.21-0.28	100	1.0	1.0	1.5	1.5	1.5
40-60	0.21-0.27	75	0.5	0.5	1.0	1.0	1.0
<40	0.20-0.26	50	0.5	1.0	1.0	1.0	1.5

Compliance — Submit pictures of boiler(s) and associated nameplate(s) ratings. For dual-fuel boilers, you must indicate the percentage of time the boiler runs on gas provided by National Grid.

Incentive:

Gas UNY and DNY	Incentive	DAC Incentive	Project Cap
Insulation – Straight Pipes	Up to $4/Therm	Up to $5/Therm	Up to 70% of the Project Cost with a maximum incentive cap of $100,000 per project
Insulation – Pipe Components (Tank, Valve, Pump, etc.)	Up to $4/Therm	Up to $5/Therm	Up to 70% of the Project Cost with a maximum incentive cap of $100,000 per project
Electric UNY	**Incentive**		**Project Cap**
Insulation – Straight Pipes	Up to $6/LFT		Up to 70% of the Project Cost, with a maximum incentive cap of $150,000 per project, DAC customers, up to 85% of the Project Cost with a maximum incentive cap of $150,000 per project
Insulation – Pipe Components (Tank, Valve, Pump, etc.)	$0.2/kWh		Up to 70% of the Project Cost, with a maximum incentive cap of $150,000 per project, DAC customers, up to 85% of the Project Cost with a maximum incentive cap of $150,000 per project

Straight Pipe Project Scope must complete the Pipe Insulation Calc Tool that includes:

- Pipe Location
- Linear Feet of Insulation per pipe
- Pipe/fitting Size (Diameter in Inches) for each pipe size
- Pipe Material Type (Steel, Copper, CPVC_PEX)
- Fluid type: Domestic Hot Water, Heating Hot Water, Steam (Low, Mid, High), cooling chilled water system
- Proposed Insulation Material (Fiberglass or RigidFoam_CellularGlass)
- Proposed Insulation thickness (inches)
- Building System Main Type (Constant or Variable Air Volume & With or Without Economizer)

Insulation — Pipe Components (i.e. Tank, Valve, Pump, etc.) Projects should submit documentation with similar information (as listed above) to be reviewed for Custom Calculation.

Other Custom Measures Offered:

<table>
<tr><th>Gas UNY and DNY</th><th>Incentive</th><th>DAC Incentive</th><th>Project Cap</th></tr>
<tr><td>Storm Window</td><td rowspan="2">Up to $17/Therm</td><td rowspan="2">Up to $18/Therm</td><td rowspan="2">Up to 85% of the Project Cost with a maximum incentive cap of $250,000 per project</td></tr>
<tr><td>Floor Insulation- Separate Conditioned and Unconditioned Space</td></tr>
<tr><th>Electric UNY</th><th colspan="2">Incentive</th><th>Project Cap</th></tr>
<tr><td>Storm Window</td><td colspan="2" rowspan="2">$0.2/kWh</td><td rowspan="2">Up to 70% of the Project Cost, with a maximum incentive cap of $150,000 per project, DAC customers, up to 85% of the Project Cost with a maximum incentive cap of $150,000 per project</td></tr>
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