

Commercial Electric Weatherization Energy-Efficiency Measures

CUSTOMER REQUIREMENTS

- A hard-wired electric heating system (electric resistance or Heat Pump) that services at least 50% of the calculated heating load of the building.
- Heating the building using natural gas or delivered fuels and have hard-wired cooling systems may qualify for cooling only incentives for certain measures.
- Must be on a commercial electric rate code to participate.
- There is no monthly demand requirement.
- New construction and/or gut rehabs cannot participate unless the measures installed are above the NYS Building Code.

Pre Inspections: The goal is to pre inspect at a minimum 80% of the base case measures to be installed.

Post Inspections (*photos are a suggested addition to support the posts*):

Custom Applications: All incentives \geq \$10,000 must be post inspected; we will randomly inspect 10% of the projects with incentives $<$ \$10,000.

Ineligibility for NMPC Non-Residential Electric Wx:

- Customers that have participated through Clean Heat Program Category 4a.
- Buildings that cool using window AC.
- Buildings that use partial load heat pumps (used for cooling).
- Primary heating systems that use delivered fuels or another utility gas.

MEASURE 1: AIR SEALING

Specifications: No specific manufacturer is required.

Incentive: Electric heating with or without cooling: \$6/ft

Cap: No linear feet cap, custom incentive caps will apply: Up to 70% project costs, max incentive cap of \$150,000 per project, DAC customers 85% project costs max incentive cap of \$150,000 per project.

How to Apply: Use Custom Xpress Tool.

Documents Required: Pre-inspection form, application, Custom Xpress Tool, customer W-9, detailed and paid-in-full invoice, and post-inspection form.

MEASURE 2: WINDOW REPLACEMENT

Specifications: See Criteria for Window Replacement on last page.

| ELECTRIC HEATING WITH OR WITHOUT COOLING | INCENTIVE |
|--|--------------|
| U Factor: 0.42 – 0.28 | \$5.50/sq ft |
| U Factor: \leq 0.279999 | \$8.00/sq ft |

Cap: No linear feet cap, custom incentive caps will apply: Up to 70% project costs, max incentive cap of \$150,000 per project, DAC customers 85% project costs max incentive cap of \$150,000 per project.

How to Apply: Use Custom Xpress Tool.

Documents Required: Pre-inspection form, application, Custom Xpress Tool, customer W-9, detailed and paid-in-full invoice, and post-inspection form.

MEASURE 3: WINDOW INSERTS

Specifications: No specific manufacturer is required.

Incentive: \$3.50/sq ft

Cap: No unit cap, custom incentive caps will apply: Up to 70% project costs, max incentive cap of \$150,000 per project, DAC customers 85% project costs max incentive cap of \$150,000 per project.

How to Apply: Use Custom Xpress Tool.

Documents Required: Pre-inspection form, application, Custom Xpress Tool, customer W-9, detailed and paid-in-full invoice, and post-inspection form.

MEASURE 4: ROOF INSULATION

Specifications: R-value is a measure of insulation's ability to resist heat traveling through it. The higher the R-value, the better the thermal performance of the insulation.

| ELECTRIC HEATING WITH OR WITHOUT COOLING | UP TO 20,000 SQ FT OF ROOF AREA | GREATER THAN 20,001 SQ FT OF ROOF AREA |
|---|--|---|
| Tier 1 (Delta R: 4 – 10.999) | \$0.60/sq ft (\$1.80/sq ft DAC) | \$2.00/sq ft (\$3.00/sq ft DAC) |
| Tier 2 (Delta R: 11 – 20.999) | \$1.70/sq ft (\$2.90/sq ft DAC) | \$3.00/sq ft (\$4.00/sq ft DAC) |
| Tier 3 (Delta R: ≥ 21+) | \$2.40/sq ft (\$3.60/sq ft DAC) | \$4.00/sq ft (\$5.00/sq ft DAC) |
| Passive House (Passivhaus) Incentive | \$4.80/sq ft (\$7.20/sq ft DAC) | \$8.00/sq ft (\$10.00/sq ft DAC) |

Delta R-Value: This is the difference between the existing R-value and the installed R-value and not the resulting R-value of the completed project.

Cap: No square feet cap, custom incentive caps will apply: Up to 70% project costs, max incentive cap of \$150,000 per project, DAC customers 85% project costs max incentive cap of \$150,000 per project.

How to Apply: Use Custom Xpress Tool using R-15 as the baseline for roof insulation and using R-7.5 as the baseline for wall insulation. Savings will be calculated using the gross area of the roof and the wall minus openings (windows and doors).

Documents Required: Pre-inspection form, application, Custom Xpress Tool, customer W-9, detailed and paid-in-full invoice, and post-inspection form.

MEASURE 5: WALL INSULATION

Specifications: R-value is a measure of insulation's ability to resist heat traveling through it. The higher the R-value, the better the thermal performance of the insulation.

| ELECTRIC HEATING WITH OR WITHOUT COOLING | INCENTIVE |
|---|--|
| Tier 1 (Delta R: 4 – 10.999) | \$2.00/sq ft (\$3.00/sq ft DAC) |
| Tier 2 (Delta R: 11 – 20.999) | \$3.00/sq ft (\$4.00/sq ft DAC) |
| Tier 3 (Delta R: ≥ 21) | \$4.00/sq ft (\$5.00/sq ft DAC) |
| Passive House (Passivhaus) Incentive | \$8.00/sq ft |

Cap: No square feet cap, custom incentive caps will apply: Up to 70% project costs, max incentive cap of \$150,000 per project, DAC customers 85% project costs max incentive cap of \$150,000 per project.

How to Apply: Use Custom Xpress Tool using R-15 as the baseline for roof insulation and using R-7.5 as the baseline for wall insulation. Savings will be calculated using the gross area of the roof and the wall minus openings (windows and doors).

Documents Required: Pre-inspection form, application, Custom Xpress Tool, customer W-9, detailed and paid-in-full invoice, and post-inspection form.

MEASURE 6: DOOR REPLACEMENT

Specifications: See Criteria for Door Replacement on last page.

INCENTIVES FOR NIMO E HEATING WITH OR WITHOUT COOLING

| FOR EXTERIOR REPLACEMENT DOOR W/FENESTRATION (more than 50% glazing in door assembly) | INCENTIVE | FOR EXTERIOR OPAQUE DOOR REPLACEMENT | INCENTIVE |
|--|---------------|---|---------------|
| U-Factor: < 0.77 and > 0.37 | \$16.50/sq ft | Non-swinging Door with Less Than 50% Fenestration: < R-4.75 or U-0.21 | \$16.50/sq ft |
| U-Factor: 0.37 – 0.17 | \$22.00/sq ft | Swinging Door with Less Than 50% Fenestration: < U-0.37 | \$16.50/sq ft |
| U-Factor: < 0.17 | \$32.00/sq ft | | |

Cap: No unit cap, custom incentive caps will apply: Up to 70% project costs, max incentive cap of \$150,000 per project, DAC customers 85% project costs max incentive cap of \$150,000 per project.

How to Apply: Use Custom Xpress Tool.

Documents Required: Pre-inspection form, application, Custom Xpress Tool, customer W-9, detailed and paid-in-full invoice, and post-inspection form.

CRITERIA FOR WINDOW REPLACEMENTS INCENTIVE

To be eligible for window replacement incentives, the windows must meet the following requirements with accompanying documentation:

Product must be NFRC Certified, or alternative energy performance rating of the entire window assembly tested by independent testing lab to qualify.

- For NFRC, provide NFRC Certification number (NFRC CPD#). Refer to Product Directory: https://search.nfrc.org/search/search_cpdnum.aspx.
- Alternative energy performance rating by independent testing lab must also provide thermal performance testing results.

For window replacement, windows must meet NYS Code values for U-Factors:

- Fixed windows: U-Factor \geq 0.38.
- Operable windows: U-Factor \geq 0.45.

All window projects MUST include air sealing around the windows via weatherstripping and caulking which should be noted on the quote and invoice.

- Incentives are inclusive of air sealing and no further incentives for air sealing will be applied.
- **All windows must meet or exceed NYS/NYC Code requirements for infiltration (cfm/sq ft of window assembly).**

Windows for unconditioned spaces, such as basement or windows that are not exposed directly to the outdoors, such as interior windows, do not qualify for incentive.

Documentation needed:

- Copy of invoice/order showing installation address, cut sheet, scope of work including existing conditions and proposed upgrade (performance metrics such as U value before and after), and NFRC Certification number or independent certification for each window type.
- Invoice/order to show window quantities and sizes for each window type.
- Copy of contract detailing installation date and location of measures.

CRITERIA FOR DOOR REPLACEMENTS INCENTIVE

To be eligible for door replacement incentives, the doors must meet the following requirements with accompanying documentation:

Product must be NFRC Certified, or alternative energy performance rating of the entire door assembly tested by independent testing lab to qualify.

- For NFRC, provide NFRC Certification number (NFRC CPD#).
Refer to Product Directory: https://search.nfrc.org/search/search_cpdnum.aspx.
- Alternative energy performance rating by independent testing lab must also provide thermal performance testing results.

For exterior door replacement with fenestration (more than 50% glazing):

- Base incentive: U-Factor ≤ 0.77 .
- Enhanced incentive: U-Factor must be ≤ 0.37 .

For exterior opaque door replacement:

- Non-swinging door with less than 50% fenestration: $< R-4.75$ (code) or $U-0.21$.
- Swinging door with less than 50% fenestration: $< U-0.37$.

All door measures MUST include air sealing around the doors via weatherstripping and caulking which should be noted on the quote and invoice.

- Incentives are inclusive of air sealing and weatherstripping and no further incentives for air sealing will be applied.

All doors must meet or exceed NYS/NYC Code requirements for infiltration (cfm/sq ft of door assembly).

Doors for unconditioned spaces, such as basement or windows that are not exposed directly to the outdoors, such as interior windows, do not qualify for incentive.

Documentation needed:

- Copy of invoice/order showing installation address, cut sheets, scope of work including existing conditions and proposed upgrade (performance metrics such as U value before and after), and NFRC Certification number or independent certification for each door type.
- Invoice/order to show door quantities and sizes for each door type.
- Copy of contract detailing installation date and location of measures.