

NYS Clean Heat Working Group Series

for Participating Contractors & Industry Partners

Session #19

December 14, 2023 9:00 am–10:00 am

NYS Clean Heat
Joint Management Committee



NYS Clean Heat

Agenda

- > **Meeting procedures** (2m)
- > **Welcome** (2m)
- > **Safety Message** (2m)
- > **JMC updates and discussion** (45m)
 - 12/1 Program announcements
- > **Stakeholder Presentation(s)**
- > **Resources, support, and next steps** (5m)

Meeting procedures

Before beginning, a few reminders:

- > **All attendees will be muted**
 - > For questions or comments throughout, please use either the Raise Hand or Q&A functions
 - > Select the Raise Hand icon in the bottom toolbar, or hover your mouse over your name in the Attendees list in order to see the Raise Hand icon displayed
 - > When you have finished asking your question, select the Raise Hand icon again to lower your hand
 - > If an attendee opts to use the Raise Hand function to ask a question or make a comment, the meeting moderator will call on that attendee and unmute individually
 - > When using the Q&A function, please be sure that your question is directed to “All Panelists”, rather than one specific individual
 - > Q&A function is private – the team will share public responses as appropriate
- > Slides, notes, and a compilation of Q&As will be posted after the meeting
- > If technical issues arise, please contact NYSCleanHeat@ceadvisors.com



Welcome

Joint Management Committee (JMC) Co-Chairs:

- > **Julie Hawkins**, National Grid
- > **Will Xia**, NYSERDA

> Other JMC Members:

- **Ray Cotto**: Central Hudson
- **Toby Hyde**: Con Edison
- **Jim MacMartin**: National Grid
- **Nicole Williams**: NYSEG, RG&E
- **Chris Trenard**: Orange & Rockland

> Our implementation team today:

- **Kenn Latal**: ICF
- **Tim Walsh**: ICF

> Our Working Group support team:

- **Ben Davis**: Concentric
- **Pieter Zwart**: Concentric
- **Clara-Ann Joyce**: Concentric

Working Group Series

Review of typical meeting format

- > **Working meetings between Participating Contractors, industry partners, and other stakeholders with the NYS Clean Heat Program Administrators**
- > To foster:
 - Transparency
 - Coordination and communication
 - Prioritization
 - Solution development

Working Group Series

Review of typical meeting format

- > **New information/ updates on previous topics** (various)
- > **Stakeholder presentation(s)**
 - Presentation (5m)
 - Discussion time will vary by topic (5-30m)

Safety Message: 'Tis the Season but be careful!

Staying safe in December:

- 1) If you pick a real tree, make sure it is fresh and green with needles that do not fall off when touched.
- 2) Before placing the tree in the stand, cut 2 inches from the base of the trunk.
- 3) Make sure the tree is at least 3 feet away from any heat source, and make sure the tree does not block any exits.
- 4) Inspect holiday lights each year before you put them up. Throw away light strands with frayed or pinched wires and read instructions on how many strands to connect.
- 5) Add water to the stand daily, and dispose of your tree promptly, when it gets dry. A dry Christmas tree can burn very hot and very fast.



Program Announcements from December 1, 2023

New Definition for Full Load Heating Systems

- > The definition of a full load heating system is being updated to: "An installed system that satisfies at least 100% of total building heating load (BHL) at design conditions."
- > Up to this change, projects have been required to satisfy at least 90% of BHL to qualify as full load.
- > This change is applicable to all full-load categories including custom projects.
- > Prescriptive projects may submit for full load incentives under the current rule before April 1st.
- > Prescriptive projects submitted after April 1st must use the new definition of full load at 100%.

Air-to-Water Heat Pump Offering

- > The NYS Clean Heat Program will begin offering incentives for projects involving air-to-water heat pumps (AWHP) for residential space heating on March 1, 2024.
- > The JMC is developing a qualified products list in coordination with Vermont.
- > Incentive levels and other details will be made available as soon as possible.
- > If you are interested in installing an AWHP, please reach out to your account manager to provide any upcoming project information.

Partial Load Incentives

- > National Grid will be discontinuing Category 1 partial load incentives.
 - Projects must be installed on or before December 31st, 2023
 - Applications must be submitted by January 31, 2024.
- > As of January 31, 2024, no utilities will offer Category 1 incentives.

Con Edison Limited-Time 2024 Promotion

Con Edison announced two sets of incentive changes effective December 5, 2023

- > Updated base incentive rates for certain Residential ASHP projects
- > Increased incentives under a limited-time 2024 Promotion for specified projects in:
 - Residential ASHP
 - Residential GSHP
 - Multifamily
 - Small-to-medium (SMB) business sectors

Residential Decommissioning (Cat. 2b) Rates in 2024

- > Increased base incentive rates for single dwelling units in multiple dwelling unit buildings
- > Introduced DAC rates for projects submitted through 2024
- > Extended and enhanced the 2023 Limited-Time Fall Promotion as part of the 2024 Promotion
 - Project applications must be submitted by May 31, 2024, and installed on or after December 5, 2023

Residential ASHP Decommissioning Rates (Category 2b)				
	Non-DAC		DAC *	
	Single-family	Single dwelling units for buildings with 2+ dwelling units	Single-family	Single dwelling units for buildings with 2+ dwelling units
Base Incentive Rates	\$8,000	\$4,000	\$10,000	\$5,000
2024 Promotion Rates	\$10,000	\$6,000	\$12,000	\$7,000

*Projects in DACs are eligible to receive incentives that cover 70% of project costs. To determine whether a project is in a DAC search the address at: <https://www.nyserda.ny.gov/ny/Disadvantaged-Communities>.

Residential Integrated Controls (Cat. 2a) Rates in 2024

- > Introduced DAC rates for integrated controls projects submitted through 2024
- > Integrated controls projects are not included in the 2024 Promotion

Residential ASHP Integrated Controls Rates (Category 2a)				
	Non-DAC		DAC *	
	Single-family	Single dwelling units for buildings with 2+ dwelling units	Single family	Single dwelling units for buildings with 2+ dwelling units
Base Incentive Rates	\$2,500	\$1,000	\$4,500	\$2,000

*Projects in DACs are eligible to receive incentives that cover 70% of project costs. To determine whether a project is in a DAC search the address at: <https://www.nyserda.ny.gov/ny/Disadvantaged-Communities>.

Residential GSHP: 2024 Promotion

To be eligible for the 2024 Promotion, GSHP projects must:

- > Be installed between December 5, 2023, through December 31, 2024
- > Submit signed customer commitments by May 31, 2024

Residential GSHP Decommissioning Rates (Category 3)		
	Non-DAC	DAC *
Base Incentive Rates	\$25,000	\$35,000
2024 Promotion Rates	\$35,000	\$45,000

* Incentives for Residential GSHP projects will remain capped at 70% of project costs for projects located within a DAC. To determine whether a project is in a DAC search the address at: <https://www.nyserda.ny.gov/ny/Disadvantaged-Communities>.

Multifamily: Increased Incentives in 2024 Promotion

To be eligible for 2024 Promotion, MF projects must:

- > Submit applications between December 5, 2023, through May 31, 2024
- > Be installed by the following dates per category:
 - Categories 2c and 6: October 1, 2024
 - Categories 4, 4a and 10: September 1, 2025

Multifamily ASHP Rates						
	Category 2c Per Apartment (\$/Dwelling Unit)	Category 4 Custom Space (\$/MMBTU)	Category 4a Custom Space + Envelope (\$/MMBTU)		Category 6 Custom Water (\$/MMBTU)	Category 10 Custom Partial (\$/MMBTU)
			Tier 1	Tier 2		
Base Incentive Rates	\$5,000	\$200	\$200	\$225	\$200	\$70
2024 Promotion Rates	\$7,000	\$225	\$225	\$250	\$225	\$95

Small to Medium Business (SMB): 2024 Promotion for prescriptive projects

To be eligible for 2024 Promotion, SMB projects must:

- > Be located within a DAC
- > Submit applications between December 5, 2023, through May 31, 2024
- > Be installed by October 1, 2024

SMB Prescriptive Rates (Category 2d) (\$/Project)				
	< 1,000 SF	1,001 – 1,500 SF	1,501 – 2,000 SF	2,000 – 2,500 SF
Base Incentive Rates	\$5,000	\$7,500	\$10,000	\$12,500
2024 Promotion DAC Rates*	\$6,000	\$8,500	\$11,000	\$13,500

* Prescriptive projects in Category 2d located within a DAC will be capped at 60% of project costs. To determine whether a project is in a DAC search the address at: <https://www.nyserda.ny.gov/ny/Disadvantaged-Communities>.

SMB: 2024 Promotion for custom projects

- > To be eligible for the 2024 Promotion, SMB projects must:
 - Submit applications between December 5, 2023, through May 31, 2024
 - Be installed by October 1, 2024
- > Incentives for eligible projects will be capped at \$400,000 or 50% of project costs

SMB Custom ASHP Rates		
	Category 4 Custom Space (\$/MMBTU)	Category 4a Custom Space + Envelope (\$/MMBTU)
Base Incentive Rates	\$150	\$150
2024 Promotion Rates *	\$175	\$200

New and updated tools and resources

- > New and updated technical documents are now available on the program resources webpage:
 - [Design Temperature Lookup Tool](#)
 - *This tool provides the design temperature reference by zip code.*
 - [Guidance for Acceptable Load Calculations](#)
 - *This document provides guidance on how to perform heating and cooling load calculations for applications to NYS Clean Heat.*
 - [Statewide Custom Calculator v2.2.6](#) and [User Manual](#)
 - *This tool assists PCs with calculating custom energy savings for projects that involve the installation of NEEP cold climate single package, cold climate mini-split air source heat pumps, large unitary air-to-air heat pumps, air source variable refrigerant flow (VRF) heat pumps, and large closed ground loop heat pumps with centralized pumping.*
 - [Statewide HRC Calculator v1.1](#) and [User Manual](#)
 - *This calculator is to be used for water-source electrically operated Heat Recovery Chiller(s) that operate to meet year-round hot water (HW) and chilled water (CHW) loads.*
 - [Clean Heat Category 6 DHW Calculator \(v112123\)](#)
 - *This tool assists PCs with calculating energy savings for Category 6 DHW projects.*

Stakeholder Updates

> Topics encouraged to be coordinated via JMC through nyscleanheat@ceadvisors.com.

Reminder: Meeting Cadence

- > The JMC has PC&IP meetings scheduled in early June, September, January and March.
 - Aligns with future program announcements and updates moving forward
 - Continuous feedback is still encouraged through program representatives and NYS Clean Heat email inboxes
- > Utilities will continue engagement and outreach with individuals and small groups to align on potential program adjustments and get additional feedback from the industry

Resources, Support, and Next Steps

- > Next PC&IP meeting on **March 14th, 2024** (9:00 AM-10 AM)
 - Please submit potential topics for the next Working Group by **March 7th** via email to NYSCleanHeat@ceadvisors.com or directly to your utility partner.
- > **Email blasts** – twice per quarter
 1. Early week following Working Group: next steps, including slides, meeting notes and Q&A
 2. Week prior to meeting: Agenda items and report-out on prior items
- > NYSCleanHeat@ceadvisors.com – for *program*-related inquiries
- > NYSCleanHeat@icf.com and (844) 212-7823 for *project*-related inquiries
- > NYS Clean Heat Website - (<https://cleanheat.ny.gov/contractor-resources/>)

NYS Clean Heat Project Status Inquiry Process

Project inquiries

1. Contractor reaches out to their dedicated account manager (AM) for issue resolution first
2. If the AM does not respond within three days, contact NYSCleanHeat@icf.com or the Utility Program Manager as listed below. These Program Managers work for their respective utilities, which have contracted with ICF to handle applications.

Utility Program Manager contacts

- > **Central Hudson:** Ray Cotto, Assoc. Energy Efficiency Program Manager
Phone: (845) 486-5750, Email: RCotto@cenhud.com
- > **Con Edison:** Toby Hyde, Section Manager, Phone: (917) 565-6911, Email: hydett@coned.com, Dan Krupa, Manager, Phone: (212) 460-2831, Email: krupad@coned.com
- > **National Grid:** Jim MacMartin, Program Manager, Phone: (315) 427-0723, Email: James.MacMartin@nationalgrid.com
- > **NYSEG/RG&E:** Nicole Williams, Program Manager, Conservation and Load Management
Phone: (585) 484-6592, Email: nicole.williams@nyseg.com
- > **Orange & Rockland:** Chris Trenard – Program Administrator, Phone: (845) 577-2317, Email: trenardc@oru.com

Additional Resources

> Co-chair contacts

- **Julie Hawkins**, National Grid: Phone: (315) 776-1006, Email: Julie.Hawkins@nationalgrid.com
- **Will Xia**, NYSERDA: Phone: (332) 323-8368 (m) , Email: William.Xia@nyserda.ny.gov

- > All program documents are located on the NYS Clean Heat Resources page (<https://cleanheat.ny.gov/contractor-resources/>)
- > All regulatory proceeding documents are located on the NYS DMM (<http://documents.dps.ny.gov/public/MatterManagement/CaseMaster.aspx?Mattercaseno=18-M-0084>)
- > Additional program resources are available on the Clean Heat Connect website (<https://cleanheatconnect.ny.gov/>)

Thank you!

