

Con Edison Clean Heat December Webinar

December 12, 2023

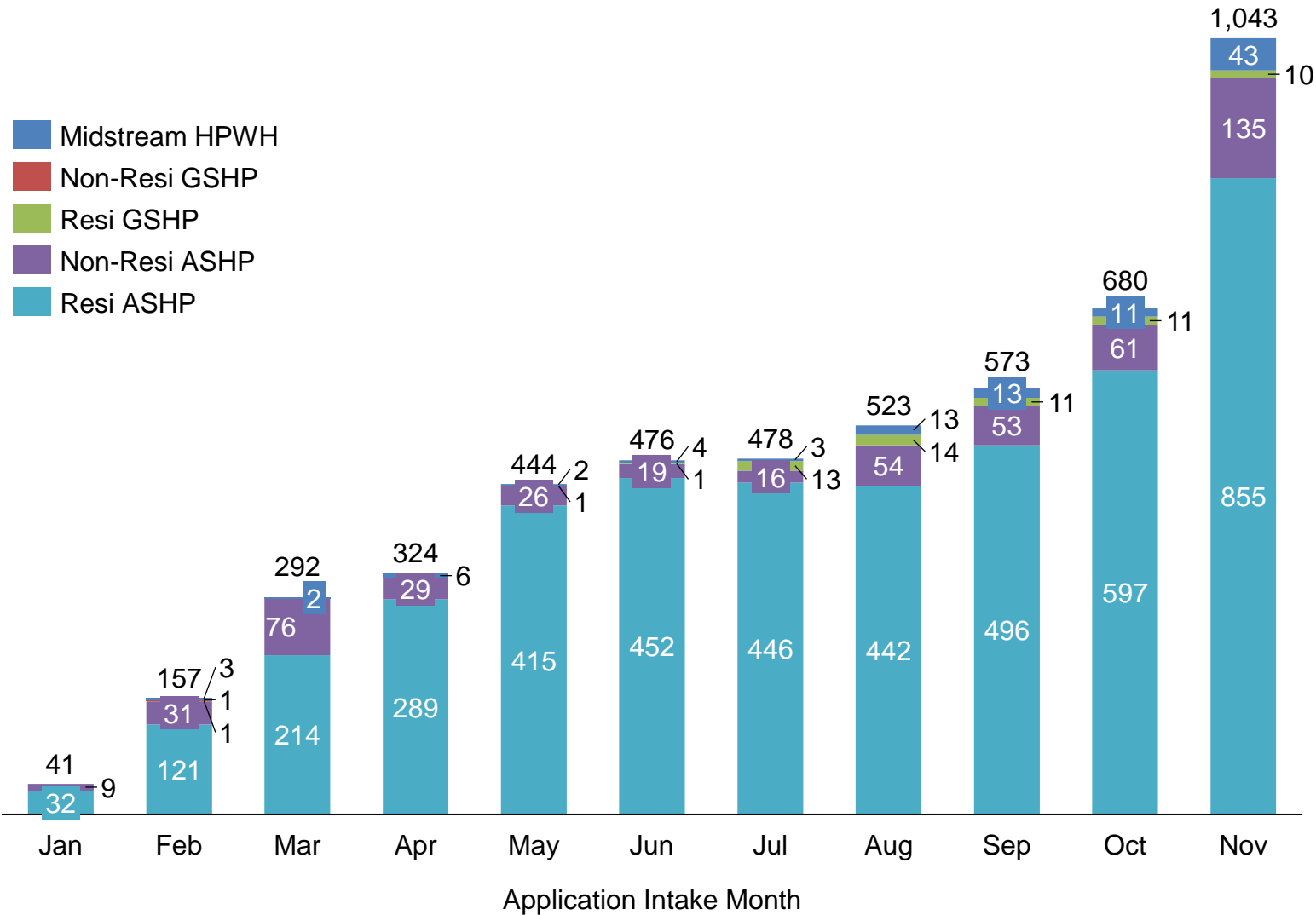
Agenda

- Program Achievement & Budget
- 2024 Incentives
- Residential Program Activities
- Electrification Load Serving Capacity Map
- Upcoming Con Edison Webinars & Training
- Q&A

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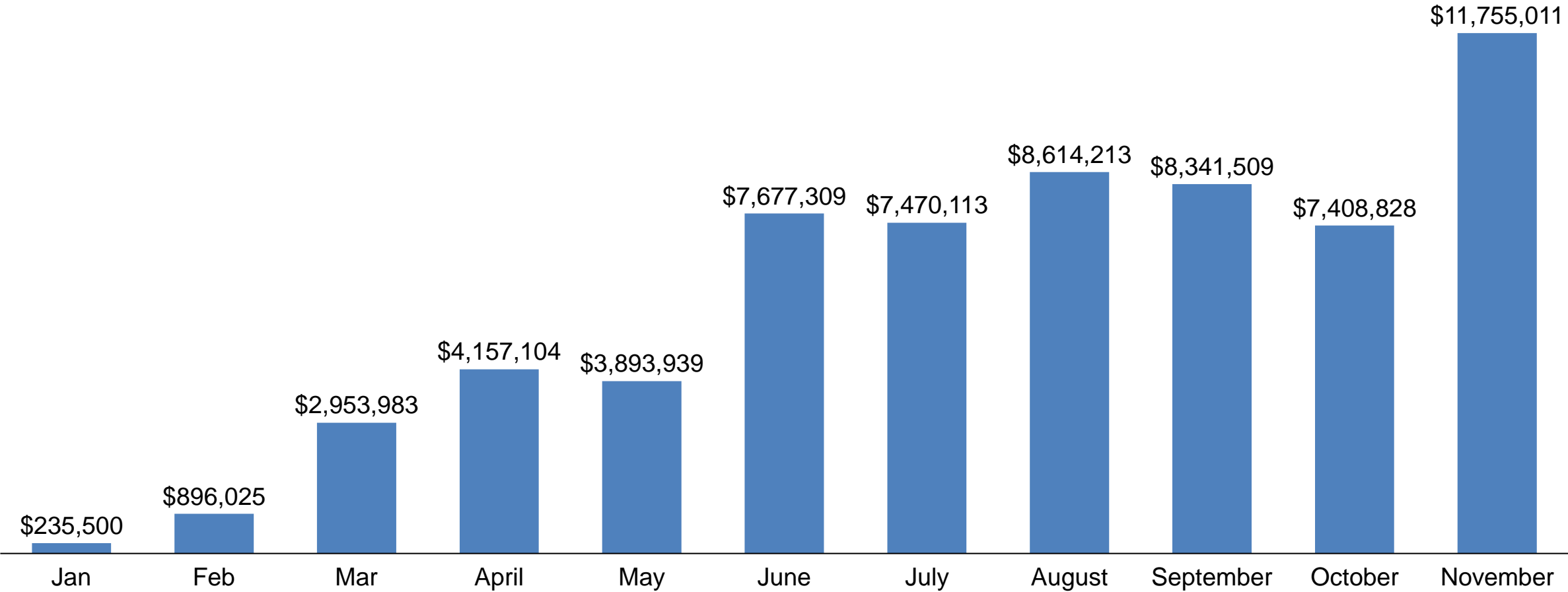
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Con Edison Clean Heat Application Intake



Sector	2023 Application Count
RESI ASHP	4,359
RESI GSHP	61
MF ASHP & Custom HPWH	182
C&I ASHP & Custom HPWH	47
SMB ASHP & Custom HPWH	280
MF GSHP & Custom HPWH	2
C&I GSHP & Custom HPWH	-
SMB GSHP & Custom HPWH	-
Midstream HPWH	100
Total Applications	5,031

Incentives against the Continuity Funding Mechanism



**Con Edison Clean Heat remaining balance as of November 30, 2023:
\$36,575,831**

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2024 Clean Heat Incentive Updates

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 Sector Incentive Changes

Three modifications to residential ASHP incentives

1. Increased base incentive rates in Category 2b for single dwelling units in buildings with multiple dwelling units;
2. Introduced enhanced incentive rates for customers located within Disadvantaged Communities (“DAC”);
3. Extended the current Limited-Time Fall Promotion as part of the 2024 Promotion Rates.

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

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Residential Decommissioning Checklist Revision

On December 1, 2023, Con Edison updated the Residential Decommissioning Checklist, addressing fuel line removal requirements.

Previous Language

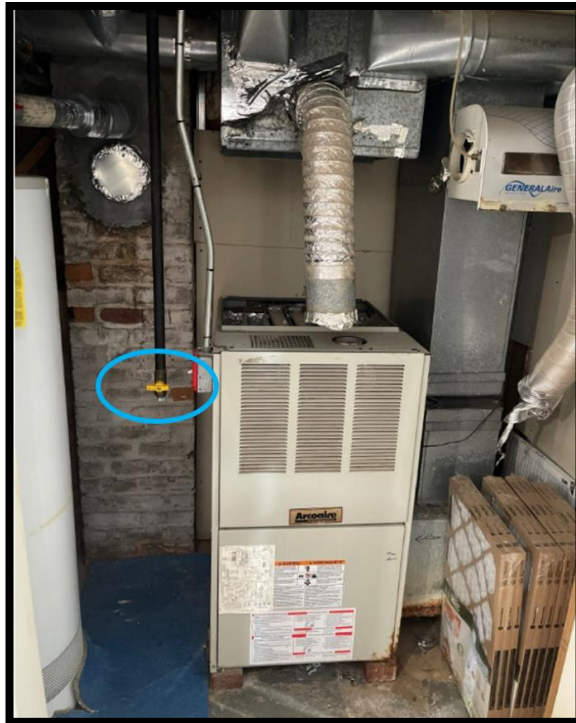
Remove fuel line to the space heating appliance **as far back to the source as possible...**

Revised Language

Remove fuel line to the space heating appliance **to the appliance valve at a minimum.**

Examples of compliant fuel line removal

Images showcasing participating contractors properly removing and capping fuel lines to the appliance valve at minimum.



Residential QA/QC Update

In 2024, the program will improve the QAQC inspection process. The current process for pre-payment programmatic inspections will remain unaffected in 2024.

Pre-payment programmatic inspections:

- Projects that fail pre-payment programmatic inspections will have payment withheld.
- Failures that are not remediated within 30 days will result in project cancelation without payment.

QA/QC inspections:

- Currently, QAQC inspections are selected at least 6 weeks after installation.
- Starting in January 2024, the new approach will shorten that timeline resulting in faster delivery results.

All projects must resolve all failed inspections.

Decommissioning FAQs

Question: Why is decommissioning a program requirement?

Answer: Decommissioning is not a program requirement. There are two incentive offerings for residential customers installing ASHP: decommissioning and integrated controls both of which prioritize the operation of the heat pumps for heating.

Question: Do I need to disconnect the exhaust vents?

Answer: Yes. Contractors must cut and seal exhaust pipes for the decommissioned heating system and/or the domestic hot water appliance.

Question: Do I need to remove the burner assembly?

Answer: Yes.

Decommissioning FAQs

Question: Do I need to disconnect distribution systems?

Answer: Yes. The best approach depends on the legacy fossil system. Contractors must cut and seal circulation pipes or seal ductwork as appropriate.

Question: Where can I find the program resources related to decommissioning?

Answer: A) [Decommissioning Training Webinar](#)

B) [Contractor Resource Webpage](#)

- [Program Manual: Con Edison](#)
- [Con Edison ASHP and Quality Assurance Checklist \(XLSX\)](#)
- [Decommissioning Checklist: Con Edison Residential](#)

Residential Q1 2024 January – March Allocations

- Q1 allocations largely reflect Contractor requests.
- Contractors received Q1 2024 allocations on December 11, 2023.
- If necessary, please reach out to your Account Manager for additional funding during Q1 2024.

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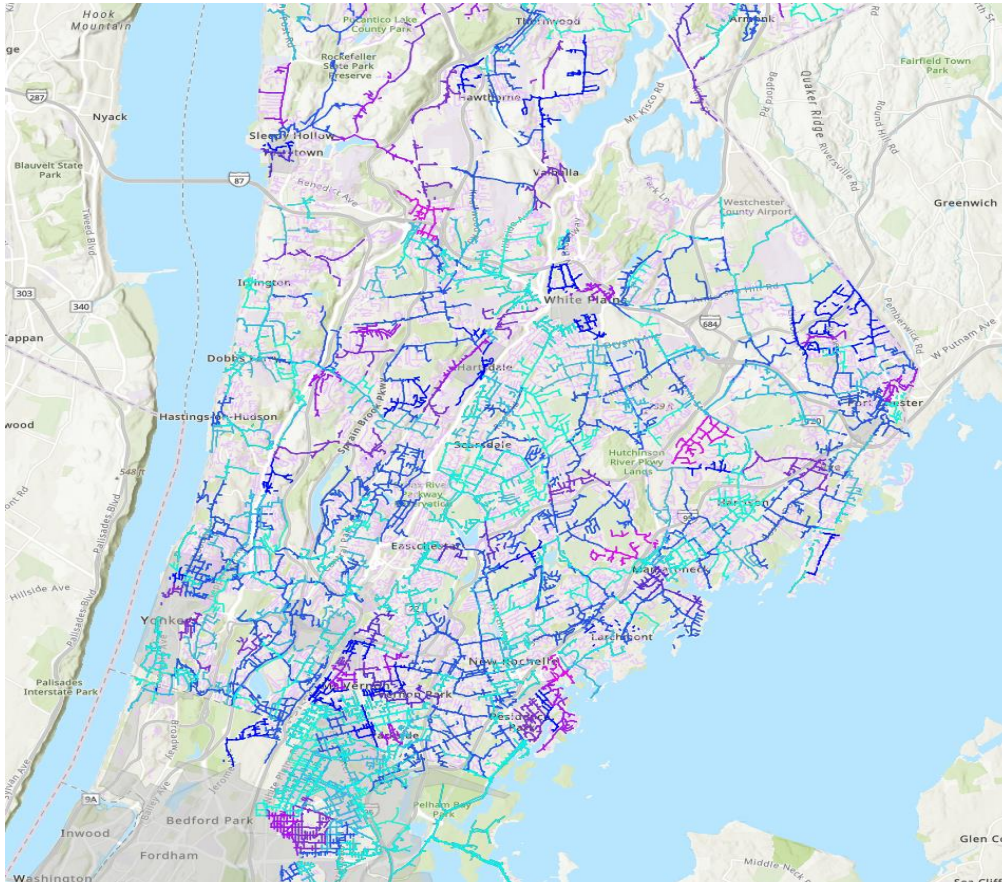
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Introduction of Electrification Load Serving Capacity Maps

- In July 2023, the Public Service Commission mandated that New York electric utilities extend Electric Vehicle Load Serving Capacity Maps to become 'Electrification Load Serving Capacity Maps.'
- Con Edison will release its Electrification Load Serving Capacity maps on January 16, 2024.
- The maps are a high-level summary of system capacity throughout the network.

Sample Electrification Load Serving Capacity Maps

Con Edison's Storage Hosting Capacity Map



- The image on the left is displaying Con Edison's Storage Hosting Map.
 - The same color scheme will be used on the Electrification Load Serving Capacity Map, set to go live on January 16, 2024.
- The Electrification Load Serving Capacity Map will display network capacity beyond the point of service.

Breakpoints	Color
> 1.5-Megawatt Capacity Remaining Three-Phase Line	Magenta
600 Kilowatt to 1.5 Megawatt Capacity Remaining Three-Phase Line	Purple
< 600-Kilowatt Capacity Remaining Three-Phase Line	Cyan
One- and Two-Phase Lines	Light Purple
ESRI Base Layer	Grey

Link: [Access to Con Edison Hosting Capacity Maps](#)

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Upcoming webinars and trainings

- Con Edison's Next Webinar is scheduled for:
 - March 19, 2024, from 10:00-11:00 AM
 - Registration [Link](#)
 - For other upcoming trainings, please contact your account manager
- Participating Contractors and Industry Partners (PC&IP) Working Group Series meeting is scheduled for December 14, 2023
 - Registration [Link](#)

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Q&A

Questions?

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