STATE OF NEW YORK
PUBLIC SERVICE COMMISSION

Case-22-E-0064 – Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Consolidated Edison Company of New York, Inc. for Electric Service

Case-22-G-0065 – Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Consolidated Edison Company of New York, Inc. for Gas Service

2024 Con Edison Earnings Adjustment Mechanism Achievement Report

June 30, 2025

1. Executive Summary

The New York State Public Service Commission's (Commission) *Order Approving Electric and Gas Rate Plans* for Consolidated Edison Company of New York, Inc. ("Con Edison" or the "Company") ("2023 Rate Case Order")[1] included eight earnings adjustment mechanisms (EAMs). The Commission adopted EAMs to encourage utilities to help achieve desired outcomes. These mechanisms are intended to incent the Company for advancing State policy objectives beyond current ambitious baseline expectations. Each EAM, the Company's activities related to the EAM and its earnings are discussed During 2024, Con Edison achieved or exceeded the minimum targets for five EAMs, Smart Building Electrification (Electric), Smart Building Electrification (Gas), Light-Duty Vehicle Emissions, Residential Managed Charging, and DER Utilization Storage EAMs, resulting in $39 million electric and $4.2 million gas EAM earnings, or 20.8 electric and 6 gas basis points ("bps").

To achieve EAM goals, the Company must enhance its focus and align the enterprise on programs, such as energy efficiency, demand management, electric vehicle, and DER interconnection groups. This fosters innovative approaches to delivering policy- and customer-driven outcomes that exceed baseline targets developed through a stakeholder process. The Company continues to implement successful innovations and best practices as well as develop new strategies. These new and increased efforts in 2024 included:

- Refining and scaling existing offerings that grew the amount of energy savings achieved through smart building electrification measures compared to the previous year;
- Launching customer-segmented outreach efforts and social media campaigns to increase multifamily, small business and distributed generation customers for demand response programs;
- Improving telematics compatibility for EV drivers to allow nearly 11,000 additional vehicles to participate in the managed charging program;
- Automating processes and adding system enhancements throughout the transportation interconnection process to improve tracking and transparency of projects for utility and customers;
- Dedicating team members to provide drawing reviews and customer documentation of DER solar projects; and
- Standardizing and expanding engineering offerings to increase uptake for large DER storage projects, which offered a lower cost design for developers.

As a result of these efforts, the Company:

- Delivered savings from smart building electrification (SBE) measures, more than two times these savings from the prior year;
- Grew customer participation in demand response programs by approximately 6 percent compared to 2023;

[1] Case-22-E-0064, *Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Consolidated Edison Company of New York, Inc. for Electric Service* ("2023 Rate Case Proceeding"), Order Adopting Terms of Joint Proposal and Establishing Electric and Gas Rate Plan with Additional Requirements ("2023 Rate Case Order") (issued July 20, 2023).

- Supported higher DER installation in 2024, including greater than 10,500 solar projects, as well as 37.6 MW energy storage, a 70 percent increase compared to the 21.8 MW of energy storage in 2023;
- Helped grow light-duty electric vehicles in its service territory, which increased by more than 32,000 vehicles in 2024;Enrolled through August 2024 (month peak charging occurred)more than 20,000 EV drivers in the residential managed charging program, up 65 percent from end of 2023.

EAMs

The Company currently has eight EAMs[2] – (1) Smart Building Electrification (Electric), (2) Smart Building Electrification (Gas), (3) Demand Response, (4) Light-Duty Vehicle Emissions, (5) Transportation Interconnection Timeline, (6) Residential Managed Charging, (7) DER Utilization Solar, and (8) DER Utilization Storage. As explained herein, at this time, for 2024 result, the Company earned $43.2 million in total EAMs. Table 1 describes EAM targets and achievement, and it is followed by further explanation of the efforts and earnings.

Table 1: EAM TARGETS AND ACHIEVEMENTS[3]

	Minimum Target	Mid-point Target	Maximum Target	Minimum Earnings ($M)	Mid-point Earnings ($M)	Maximum Earnings ($M)	**Achievement**	**EAM Earned ($M)**
Smart Building Electrification	7,508,181 LMMBtu	10,793,010 LMMBtu	16,424,145 LMMBtu	$6.4 / 2.5 bps (E,G)[4]	$9.0 / 3.5 bps (E,G)	$15.4 / 6 bps (E,G)	26,365,000 LMMBtu[5]	$15.4 / 6 bps
Demand Response	96 MW	123 MW	150 MW	$3.8 / 2 bps	$7.5 / 4 bps	$13.1 / 7 bps	75.4 MW	$0 / 0 bps
Light-Duty Vehicle Emissions	607,299 CO_{2e}	921,156 CO_{2e}	1,235,013 CO_{2e}	$3.8 / 2 bps	$8.4 / 4.5 bps	$13.1 / 7 bps	711,603CO_{2e}	$5.3 / 2.8 bps
Transportation Interconnection Timeline	9%	18%	20%	$3.8 / 2 bps	$5.6 / 3 bps	$11.3 / 6 bps	0%	$0 / 0 bps
Residential Managed Charging	5%	10%	17%	$3.8 / 2 bps	$5.6 / 3bps	$9.4 / 5 bps	17%	$9.4 / 5 bps
DER Utilization Solar	104.47 MW	121.48 MW	145.77 MW	$1.9 / 1 bps	$5.6 / 3 bps	$13.1 / 7 bps	100.3 MW	$0.0 / 0 bps
DER Utilization Storage	17.02 MW	19.34 MW	23.21 MW	$1.9 / 1 bps	$5.6 / 3 bps	$13.1 / 7 bps	37.6 MW	$13.1 / 7 bps

[2] There is no achievement for the Commercial Managed Charging EAM as there were no baseline nor targets for 2024. See Order Denying Modification to Earnings Adjustment Mechanism issued on January 24, 2025. In 2024, the Company's outreach and marketing efforts, as well as continuous improvement of program implementation to support customer experience, resulted in a successful program launch, with over 40 sites and 22 MW, or approximately 15 percent of installed MW in the service territory, enrolled.

[3] Target and achievement levels reflect values in 2023 Rate Case Order, units vary by EAM.

[4] SBE EAM basis points are for both Electric and Gas commodities, all other EAMs are Electric only.

[5] The Company achieved savings from Smart Building Electrification measures above the maximum target, totaling 26.4 million LMMbtu.

2. Achievement Details

Smart Building Electrification

EAM Overview and Performance

The Smart Building Electrification (SBE) EAM incentivizes the Company to implement specific advanced energy efficiency measures that can lead to a more cost-effective transition to electrification, while still achieving the overall NENY portfolio targets. The specific measure categories the SBE EAM aims to promote are building envelope upgrades, ground source heat pumps, waste heat recovery, and advanced controls paired with heat pumps. In 2024, the Company achieved 26.36 million LMMBtu of energy savings from SBE measures, a twofold increase in savings above 2023. The Company also achieved 18.26 million AMMBtu cumulative NENY energy savings, which is above the Cumulative First-Year NENY Energy Savings target, the second condition to satisfy to achieve any level of this EAM.[6] As a result of this achievement, the Company earned $15.4 million.

Table 2 below breaks down the Company's SBE achievement by measure category. Table 3 breaks down the Company's first-year NENY energy[7] and SBE achievement by program. Energy savings achievement is based on verified gross savings[8] and as such, excludes unevaluated program savings.

Table 2: 2024 Smart Building Electrification Achievement	
Measure Category	**LMMBTU (000s)**
Building Envelope	25,090
Ground Source Heat Pump	1,051
Waste Heat Recovery	109
Advanced Controls	116
Total	**26,366**

Table 3: 2024 Energy Efficiency Program Achievement[9]		
Programs	**First-Year NENY Energy Savings AMMBtu (000s)**	**Smart Building Electrification LMMBtu (000s)**
NENY Non-LMI Programs		
Commercial	449	304
Small Business & Nonprofits	181	52
Multifamily	313	1,902
Residential	2,008	14,946
Clean Heat (across all customer segments)	873	1,735

[6] To earn any SBE EAM reward the Company must demonstrate it is on pace to achieve its cumulative NENY first-year annual energy savings target. *See*, 2023 Rate Case Proceeding, 2023 Rate Case Order, Appendix 22 – Joint Proposal, p. 7.

[7] First-year savings is energy saved during the first full year post installation of the EE or electrification measure.

[8] Except for Clean Heat program savings. *See*, 2023 Rate Case Proceeding, 2023 Rate Case Order, Joint Proposal - Appendix 22, p. 6.

[9] The Company applied a zero percent Realization Rate for programs that have yet to complete VGS evaluation. This process is also used for the Company's Scorecard filing.

Total Non-LMI	**3,823**	**18,939**
NENY LMI Programs		
Multifamily	465	7,348
Residential	72	79
Total LMI	**536**	**7,426**
Total NENY	**4,359**	**26,366**
Cumulative First-Year NENY (2020 – 2023)	**18,255**	

Selected Continued Best Practices

The Company is continuing the Retail Products Program, launched in the second half of 2023. This program offers big box stores (e.g., Home Depot) point-of sale rebates to customers who wish to install qualified energy efficiency measures, such as spray foam insulation, batt insulation, window shrink kits, door sweeps, and Energy Star windows. The Company scaled this program by leveraging existing retailer relationships. Once retail rebates were available, the Company used multichannel marketing to drive program achievement. Examples of this marketing include emails, postcards, and cross promotion with Clean Heat as well as in-store signage.

Furthermore, the Company increased savings achieved through multifamily envelope projects with the Affordable Multifamily Energy Efficiency Program (AMEEP), delivering savings. Company efforts that led to this achievement included expanded contractor education and outreach, such as webinars and on-site trainings, and continued coordination with New York City Housing Preservation and Development, New York City Accelerator, and community-based organizations. The Company also streamlined the eligibility process for affordable multifamily buildings pursuing non-comprehensive AMEEP projects, or smaller, measure-level upgrades.

2024 New Innovations

In 2024, the Company focused on building on the success of the Retail Products and Multifamily programs. The Retail Products Program added a new measure to its offering—air sealing caulk. This measure achieved 24% of the total program savings. The program was the largest contributor to SBE savings, accounting for 14.8 million LMMBtu, or 56 percent of achieved savings.

Multifamily program achievement across non-LMI and LMI segments was the second largest contributor to SBE savings, accounting for 10 million LMMBTU, or 40 percent of achieved savings. AMEEP, achieved 7.3 million LMMBTU, or 28 percent of smart building electrification savings. The Company worked closely with high-volume insulation contractors to understand their costs, sales strategy, and project pipeline. As a result, projects in this pipeline were completed on time for 2024 acquisition.

Factors Impacting Achievement

While the Company increased savings from geothermal projects compared to 2023, achievement in the residential sector declined. This was due to a confluence of factors. Higher interest rates and construction costs created a headwind for adoption. In addition, the largest residential geothermal contractor in the service territory changed its business model and stopped direct sales to customers. To counter this, the Company is working to increase the number of residential geothermal contractors and is considering changes to its incentive offerings.

In addition, the Company saw a decline in savings from Commercial Heat Recovery projects compared to 2023. The large size, long lead times, and limited projects in this sector can lead to a high variance in savings from year-to-year.

Demand Response

EAM Overview and Performance

The Demand Response (DR) EAM incentivizes the Company to increase participation in demand response programs. This includes the Company's DR programs such as Commercial System Relief Program (CSRP), Distribution Load Relief Program (DLRP), Term Dynamic Load Management (Term-DLM), Auto Dynamic Load Management ("Auto-DLM"), and Bring Your Own Thermostat (BYOT) programs, as well as the NYISO Special Case Resource (SCR) program. The DR EAM is measured as the total incremental MW of demand reduction from the Company's demand response programs and NYISO's SCR program. In 2024, the Company achieved 75.4 incremental MW, or 1,255.54 total MW load reductions, a 6.3 percent increase above 2023 levels. The incremental MW was below the minimum target of 96 MW. Consequently, the Company did not meet this EAM in 2024.

Table 4 breaks down the Company's MW reduction by program in 2024.

Table 4: Total 2024 DR MW Reduction Achievement

Program	**MW**
CSRP / Auto & Term-DLM	371.80
DLRP	374.05
BYOT	21.09
NYISO SCR	488.60
Total	**1,255.54**

Selected Continued Best Practices

In 2023, the Company began engaging new customers through multiple marketing and outreach initiatives, such as email campaigns, co-branding with third-party market participants (*i.e.*, aggregators), and attending in-person events to grow DR program. The Company expanded on this work in 2024.

2024 New Innovations

In 2024, the Company engaged in new, direct marketing efforts focused on multifamily, small business, and distributed generation customers. These customers received more frequent contact via postcards, emails, and summer preparedness notifications. The Company also launched its first DR social media campaign and held webinars throughout the year to expand reach and customer education opportunities. Where possible, the Company cross-promoted DR programs to customers of other utility programs, such as EV developers in the PowerReady program. In total, 67,590 customers participated in the Company's DR programs in 2024.

Factors Impacting Achievement

In 2024, the Company saw decreased MW reductions in the CSRP and BYOT programs. The decrease may be attributed to fatigue for business customers and sensitivity to weather for residential customers, who were exposed to consistently higher temperatures on the days leading up to events than in previous years. Additionally, CSRP and BYOT were initiated over three consecutive days during which the NYSIO SCR Program called overlapping events with Con Edison, in which some customers were called to curtail energy consumption for a total of 23 hours over the three-day heat wave.

Higher temperatures requiring more frequent DR dispatches, along with more stringent regulations on generator emissions that will take effect during the 2025 season, create headwinds for sustaining program growth. The Company intends to leverage existing procurement mechanisms and develop enhancements to program and incentive structure to further incentivize customer participation and stimulate program growth for future seasons.

Light-Duty Vehicle Emissions

EAM Overview and Performance

The Light-Duty Vehicle (LDV) Emissions EAM encourages Company efforts that will accelerate light-duty EV adoption and lead to a decrease in lifetime CO_{2e} (carbon dioxide equivalent) emissions. The Company achieved a total of 711,603 ton CO_{2e} emission reductions in 2024, resulting in $5.3 million achievement for the LDV Emissions EAM. Table 5 shows EV adoption and CO_{2e} emission reductions by vehicle type.

Table 5: LDV Emissions Achievement

Type of Vehicle[10]	Vehicle count	CO_{2e} emission reduction
BEV	18,611	434,381
PHEV	13,616	277,222
Total	**32,227**	**711,603**

Demand for EVs continued to increase in 2024, with the number of new EVs in the Company's service territory increasing by over 32,000 and new EV sales reaching 11.5 percent of all vehicles.

Selected Continued Best Practices

2023 Company efforts to spur EV adoption included expanding participation in its make-ready and managed charging programs, launching marketing and outreach initiatives, and educating customers on the benefits of EVs. These efforts have had compounding impacts on EV adoption. The Company supported the installation of just under 4,700 L2 plugs and more than 260 Direct Current Fast Charging (DCFC) plugs in 2024 alone, reaching over 11,000 L2 plugs and 520 DCFC plug installations supported since 2021. The Company provided operating cost support and improved the economics of EVs for current and prospective

[10] LDV Emissions EAM includes light-duty Battery Electric Vehicles (BEV) and Plug-in Hybrid Vehicles (PHEV).

owners. In 2024, the Company enrolled nearly 12,000 participants, reaching over 20,000 participants and doubling enrollment from 2023 in managed charging.

2024 New Innovations
The Company continued to expand and innovate on efforts that supported more charging infrastructure installations. Through advisory services, the Company completed nearly 290 site assessments and decreased the average turnaround time to about 7 days, helping customers progress their charging site plans and decision-making. Through PowerReady, the introduction of a "speed bonus" to get more plugs installed as quickly as possible, decreased average project timelines by over 50 percent for Service Adequate L2 projects. The PowerReady program also introduced a "large project bonus" to encourage L2 projects with more than 25 plugs. This bonus resulted in an increase in average plugs per project from 15 to over 20 in 2024.

The Company launched numerous marketing and outreach efforts to encourage EV adoption. This included hosting community events, such as an E-Mobility awards ceremony and a developer forum, as well as creative efforts to advertise company e-mobility incentive programs at malls, specialized media outlets, and geofence targeted advertising.

Factors Impacting Achievement
External factors that led to uncertainty in EV adoption included market challenges, such as high interest rates and manufacturing costs, which increased the cost of EVs and slowed sales nationally.

Transportation Interconnection Timeline

EAM Overview and Performance
The Transportation Electrification Timeline EAM ("TE Interconnection) incentivizes the Company to reduce the average timeline for transportation electrification projects from application to energization. The Company completed 17 transportation electrification projects greater than or equal to 300 kilowatts (kW). The average weighted timeline of 814 days was slightly below the historical weighted average of 818 days. The Company did not achieve this EAM in 2024.

Table 6 below shows timelines of projects completed by work category compared to the historical baseline.

Table 6: TE Interconnection Achievement				
Work Category	**Projects Completed**	**New connected load (MW)**	**Historical Baseline**	**Avg. Timeline Achieved**
New Secondary Service Install	3	1.45	594	779
New Secondary Service Install & System Upgrade	3	2.12	741	625
New Overhead Service Install & System Upgrade	7	6.01	774	717
Service Adequate – High Tension	2	0.70	925	206
New Vault Service Install	2	2.01	1,156	1,543
		Weighted Average	818	814

Selected Continued Best Practices

The Company's focused enterprise-wide efforts to improve interconnection processes will have long-term customer benefits. The Company is continuing innovative tools and services launched in 2023 to condense timelines and improve customer experience. These included implementing customer pre-engagement and advisory services; developing templated documents for customers filing EV projects to improve information exchange; increasing efficiency in utility handoffs between steps in the interconnection process; collaborating with government agencies, such as the New York City Department of Transportation (DOT); and incorporating new tools and processes to improve visibility of case progression for both customers and the utility.

2024 New Innovations

In the past year, the Company has launched new initiatives that build on the successful processes that began in 2023. To improve customer communications and decision-making, the Company expanded advisory services offerings and began holding recurring meetings with key developers with complex projects or large portfolios to align on processes and expectations. The Company also began developing automated pre-screening tools to evaluate customer requests more quickly.

On the utility processes side, the Company has implemented system enhancements and automated tasks throughout the interconnection timeline, as well as met with teams across different organizations to train and educate on process improvements. For example, tasks that were previously tracked via email now update automatically to the Customer Project Management System (CPMS). Similar automations have improved tracking, visibility, and accountability. The Company has also improved internal dashboards to include more granular tracking and critical path milestones.

Factors Impacting Achievement

There were various drivers for the timelines in the projects completed under the Company's TE Interconnection EAM. The Company made many gains in timeline reductions that were offset by delays from older projects that began before the introduction of the EAM and did not benefit from the Company's innovations and process improvements throughout their entire lifecycle. In 2024, work categories with reduction in timelines included New Secondary Service Install & System Upgrade, New

Overhead Service Install & System Upgrade, and, most significantly, Service Adequate – High Tension. The average timeline for projects under the Service Adequate – High Tension work category was nearly 80 percent below historical timelines, in large part due to pre-engagement and advisory services to support customer decision making. Work categories that had increases in performance compared to historical timelines included New Secondary Service Install and New Vault Service Install. Some of the projects in these categories experienced pandemic delays or longer timelines for site redesigns based on customer decision making.

As older projects that do not benefit from new initiatives and processes complete, the Company expects improved timelines. Projects that began in 2023 and 2024, after the EAM had begun, showed a decrease in timeline by approximately 45 percent relative to the historical baseline. By service category, projects that have had their full cycle completed after the introduction of the EAM have an average of approximately 30 percent to 60 percent reduction in timelines compared to projects that began before the EAM started (see Appendix B). The Company will continue to implement enterprise-wide solutions that drive efficiencies and improve transportation interconnection processes.

Residential Managed Charging

EAM Overview and Performance

The Residential Managed Charging (RMC) EAM incentivizes the Company to (1) increase EV enrollment in the SCNY managed charging program and (2) encourage program participants to avoid EV charging during system peak hours (2 PM - 6 PM). To meet the EAM, the Company must increase the avoided peak charging kW per EV on the road in its service territory at a level higher than the historical baseline. In 2024, the Company increased enrollment and improved the peak avoidance of enrolled vehicles in the SCNY program. The Company's avoided peak charging per EV on the road was 2.08 kW, higher than the target of 1.75 kW, resulting in $9.4 million achievement in the Residential Managed Charging EAM.

Through August 2024, the month in which the program's peak charging occurred, the Company enrolled a total of 20,287 EVs into the program, a 65 percent growth in program participation compared to end of 2023. The outreach efforts and continuous education on the value of off-peak charging led to a decrease in participant peak charging by 11 percent per vehicle enrolled compared to the previous year.

Selected Continued Best Practices

In 2023, the Company relaunched the SCNY program and implemented innovative marketing and outreach efforts to reach past and new participants. These efforts that have continued into 2024 include leveraging Brand Ambassadors to target new customers at EV dealerships, service centers, and charging hubs; targeting email and postcard campaigns to specific driver bases; and developing partnerships with municipal fleets in Westchester.

2024 New Innovations

New 2024 initiatives included launching an EV disaggregation partnership with a technology provider to identify EV drivers to source new lead lists; improving conversion rates of customers opening accounts through increased customer outreach, including phone calls; partnering with the New York City Taxi and Limousine Commission to translate marketing materials to 10 commonly used languages by rideshare drivers; and developing in-app promotions for Tesla drivers. The Company also increased and improved the number of vehicle models compatible with the program, adding nearly 11,000 eligible vehicles to the program by working with ev.energy. Nearly 90 percent of the EVs in the Company's service territory were compatible to participate in 2024, compared to approximately 75 percent in 2023. Table 7 shows the new marketing initiatives the Company launched in 2024.

Table 7: RMC New Strategies and Outreach Initiatives

Marketing	Outreach	Partnerships
EV Disaggregation Partnership to source new lead lists	Targeted cold calls to customers that created accounts but did not fully enroll	SCNY Partnership Blitz competition to motivate partners to add stickers to chargers
Tesla In-App Promo to promote SCNY within OEM app	Brand Ambassadors at charging hubs and EV dealerships to enroll customers while they are charging	Redesigned Auto Dealer Outreach with new presentation kits for webinars, lunch and learns, and events
EV Driver App Partnership to advertise to drivers	Fleet identification and outreach focused on education	Taxi and Limousine Commission Partnership to convert SCNY marketing materials to 10 commonly used languages by rideshare drivers
		Identified and communicated with Taxi Whatsapp Groups, reaching hundreds of drivers
		Partner Newsletter Blasts to reach drivers

Factors Impacting Achievement

Technology, market and geographic factors influenced program enrollment growth and charging during peak hours. Technology and market challenges arose as more drivers face costly telematics subscriptions needed to participate in the program and some popular models of EVs lacked the data quality to participate in the program. The Company implemented a data improvement partnership with ev.energy to improve data compatibility. Additionally, the shift in geographic trends of EV adoption to an increased urban driver base, fewer of which have access to at-home charging, is influencing enrollment. The program enrollment rate in New York City, where there is less ability to plan and charging is more opportunistic, was 18 percent, lagging Westchester's enrollment rate of 34 percent, while the percent of EV sales in NYC caught up to Westchester in 2023.

DER Utilization Solar

EAM Overview and Performance

The Distributed Energy Resource (DER) Utilization (DERU) Solar EAM incentivizes the Company to support the interconnection of DER solar in its service territory. DERU Solar EAM measures the annual incremental interconnected solar capacity in megawatts (MW). In 2024, the Company supported the interconnection of 100.3 MW of DER solar, a historic achievement compared to 2023's record performance. The achievement, however, was below the minimum target of 104.5 MW and the Company did not meet this EAM in 2024.

The Company supported the interconnection of all projects in the queue, which included over 10,500 projects in 2024. The average project size was 9.5 kW, and out of the projects completed, approximately 90 were over 100 kW. The Company interconnected the largest volume of projects in Queens and most MW interconnected in Westchester. Table 8 shows the breakdown of projects by borough/county.

Table 8: Total DERU Solar MW Installed

Borough/County	Number of projects	MW installed
Bronx	1,185	10.13
Brooklyn	1,957	13.48
Manhattan	57	1.27
Queens	4,090	28.84
Staten Island	1,510	16.20
Westchester	1,708	30.38
Total	**10,507**	**100.29**

Selected Continued Best Practices

In 2023, to support a higher volume of smaller projects and keep pace with the market, the Company further enhanced and automated project management processes, expanding the "Fast Track Solar Program" for small residential customers. This effort increased throughput for residential cases, shortened project lifecycles, and resulted in completion of all cases in the queue.

2024 New Innovations

In 2024, the Company expanded intensive developer outreach focused on in-flight and future portfolios, as well as developed dedicated individuals to focus on providing a more consistent review of drawings and customer documentation for DER interconnections. The Company also streamlined interconnection procedures, like witness testing scheduling, that eliminated the need for engineering personnel for inverter-based technologies. These efforts improved customer experience and assisted developers by streamlining processes and providing a clear and distinct approach when filing projects.

Factors Impacting Achievement

Residential projects continued to push the DER solar market in 2024, as the Inflation Reduction Act (IRA) expanded the residential tax credit to cover up to 30 percent of installing rooftop solar. There was,

however, significant pause for larger projects due to regulatory conditions for federal and state incentives, as well as inflationary cost increases. For example, the IRA had additional considerations for larger projects to be eligible for the full credit, such as prevailing wages.

DER Utilization Storage

EAM Overview and Performance

The DERU Storage EAM incentivizes the Company to support the installation of customer-sited energy storage systems (ESS) of 5 MW or less, excluding Non-Wires Alternatives projects. DERU Storage is measured by the inverter AC nameplate rating of each project that completes the Site Investigation and Remediation costs (SIR) process. In 2024, the Company supported the installation of 37.6 MW, approximately a 70% increase in capacity installed compared to 2023. The Company's efforts with DER Storage resulted in $13.1 million in EAM achievement.

The Company supported the interconnection of 131 projects, with eight projects accounting for 35.5 MW. The Company interconnected the largest volume of projects in Westchester and the most MW in Staten Island. Table 9 below shows the breakdown of projects by borough/county.

Table 8: Total DERU Storage MW Installed

Borough/County	Number of projects	MW installed
Bronx	1	4.29
Brooklyn	0	0.00
Manhattan	1	0.50
Queens	1	0.49
Staten Island	4	17.85
Westchester	124	14.48
Total	**131**	**37.6**

The 2024 achievement was due to the Company's work supporting project developers on larger, more complex projects. The Company worked directly with developers to manage compressed schedules and energize projects before year end.

Selected Continued Best Practices

In 2023, to drive the installation of DER Storage in its service territory, the Company enhanced tools and processes to provide developers with technical support and guidance in the submittal and construction process. The Company increased communication with developers of projects >500kW throughout construction and developed a Best Practices Guide for storage applications.

2024 New Innovations

In 2024, the Company continued these efforts, as well as added improvements, such as incorporating an electrification map, the Network Storage Map, into the hosting capacity maps to engage customers earlier

in the process.[11] These efforts improved customer experience and decision-making. The Company also standardized certain engineering offerings and innovated beyond existing ones to increase uptake for storage projects, including implementing designs that reduce equipment requirements and give customers greater flexibility. All large projects completed in 2024 used the new engineering standard, which offered a lower cost design for developers and, in some cases, reduced timelines to project operation.

Factors Impacting Achievement
These Company efforts described above helped offset external factors impacting ESS installation, such as material shortages and complex permitting requirements for storage. Con Edison continues to work with stakeholders and partners to support streamlining storage interconnection within the service area.

3. Conclusion

The 2024 EAMs encouraged Company efforts to drive accelerated progress towards State policy objectives. The Company implemented new incentives, processes, tools, and outreach efforts to support energy efficiency and heating electrification, DER integration, demand response growth, EV adoption, transportation interconnection timeline reductions, and grid beneficial EV charging behavior. Through these new initiatives, the Company improved utility processes, delivered on policy targets, and strengthened customer relationships. The mechanisms incentivized the Company to focus efforts and exceed historical performance in all measured areas. The improvement curve is getting steeper for many EAMs, including TE Interconnection, DER Utilization Solar, and DER Utilization Storage, and will require continued innovation and enterprise alignment to progress objectives to the next level of achievement.

[11] The Network Storage map provides the feeder capacity data that shows charging capacities at the Main and Service plate level. Displaying the data at the Main and Service plate level will quantify how much feeder support, in MW, there is for battery storage integration and reflects the available capacity representative of an N-1 interconnection. This map does not reflect or factor in Area Substation capacity constraints.

Appendix A: 2024 NENY Energy Efficiency Program Details

2024 Actual Portfolio Performance

	Total	Portfolios		Non-LMI Programs					LMI Programs	
		Total Non-LMI	Total LMI	Commercial	Multifamily	Small-Medium Business	Residential	Clean Heat	Multifamily	Residential
Gross MWh	170,425	141,107	29,318	59,149	16,706	53,184	121,996	(109,929)	10,074	19,245
Gross Dth	4,028,968	3,549,667	479,300	281,653	286,562	15,845	1,717,068	1,248,539	449,095	30,205
Realization Rate	95%	95%	93%	93%	91%	91%	94%	100%	96%	75%
Annual MMBtu	4,359,609	3,823,237	536,372	448,747	312,961	180,050	2,008,016	873,463	464,839	71,533
Weighted-Avg EUL[12]	11.68	11.06	16.10	13.25	12.21	10.73	8.40	15.72	17.54	6.74
LMMBTU	50,935,598	42,299,145	8,636,453	5,945,697	3,820,670	1,932,670	16,867,289	13,732,820	8,154,330	482,123
SBE LMMBTU	26,365,662	18,939,357	7,426,305	304,926	1,902,162	52,057	14,945,704	1,734,508	7,347,606	78,699

2024 Unevaluated Portfolio Performance

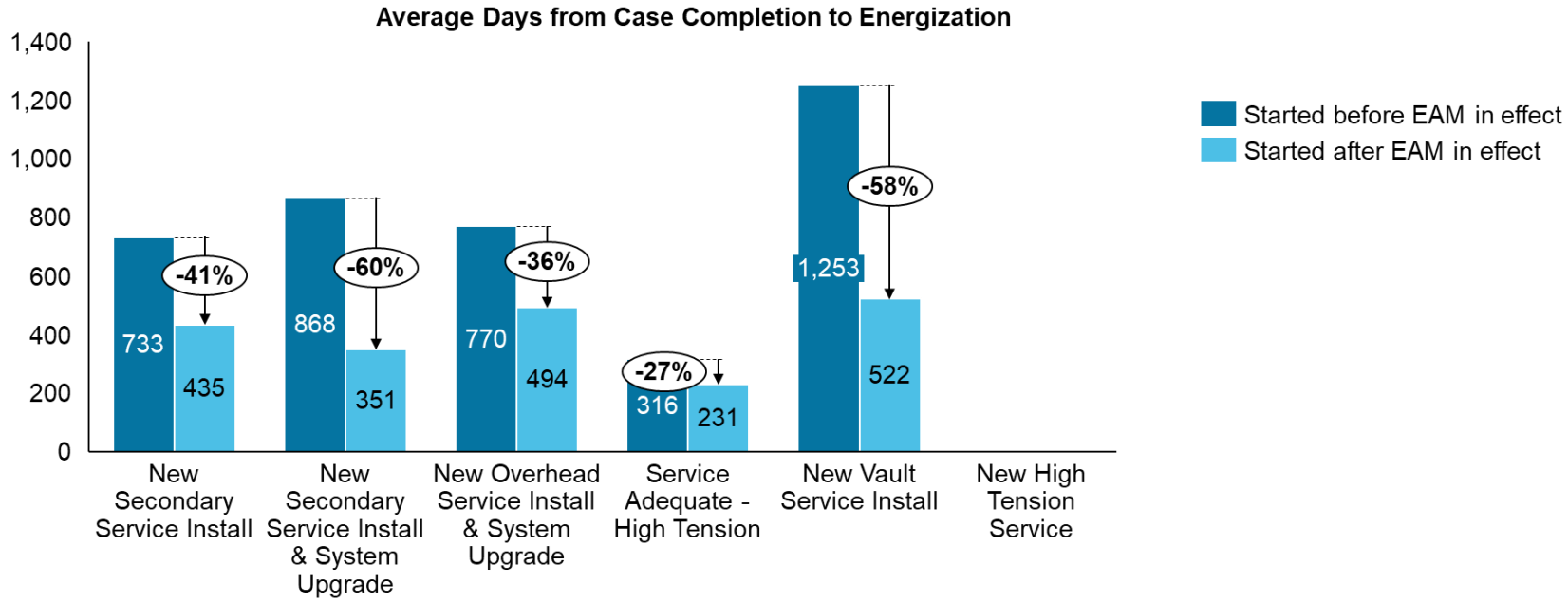
Program	Gross MWh	Gross Dth	Estimated Evaluation Completion Date
Real Time Energy Management	511	0	To be determined 2025

The Company has not claimed any savings associated with these unevaluated programs toward its 2024 Smart Building Electrification EAM achievement.

[12] The program weighted-average EULs for this EAM report are calculated differently from the program weighted-average EULs in the Company's Scorecard filing under these proceedings and 15-M-0252 and 18-M-0084. The program weighted-average EULs for this EAM report are weighted by verified gross savings while the EULs in the Company's Scorecard filing are weighted by gross savings.

Appendix B: Transportation Electrification Interconnection

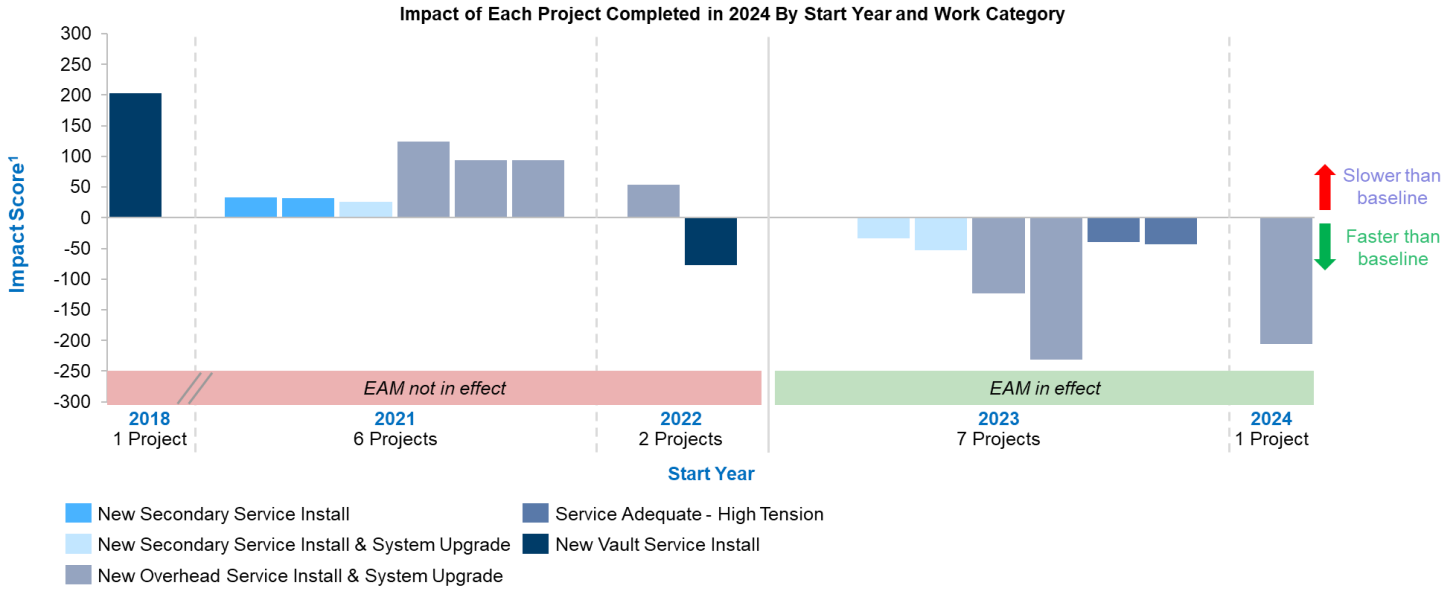
Case Timelines By Work Category



	New Secondary Service Install	New Secondary Service Install & System Upgrade	New Overhead Service Install & System Upgrade	Service Adequate - High Tension	New Vault Service Install	New High Tension Service
Started before EAM in effect	5 Projects	6 Projects	15 Projects	1 Project	5 Projects	0 Projects
Started after EAM in effect	4 Projects	4 Projects	9 Projects	5 Projects	1 Project	0 Projects

Note: "Started before EAM in effect" include projects that started and completed before 2023, so not all of these have counted towards EAM timelines

Impact of Jobs Completed for 2024 EAM achievement



Impact score calculated by multiplying the service category MW weighting by the case age minus historical baseline