



Smart Usage Rewards Forum

Friday, February 21st, 2025

10:00am – 1:00pm



Agenda

- Introduction | Jim Gaughan / Gerrianna Cohen
- 2024 Season Recap | Ryan Malarkey
- 2025 Marketing | Ethica Burt / Gerrianna Cohen
- Con Edison EV Incentive Programs | Steven Mercado
- Green Button Connect | Vinny Lou / Anita Tannis

Break

- APIs and SUR Portal Automations | Lars Hoeger
- Enrollment Overview | Santina Benincasa / Kieran Proper
- SUR Portal Changes for 2025 | Kieran Proper
- Settlements Walkthrough | Bretagne Walker / Chris Coiro
- Data Governance | Alex Potulicki
- Grid of the Future | Cassidee Kido

Safety Message



Winter Walking Conditions

PREVENTING SLIPS, TRIPS, AND FALLS

WINTER WALKING PRECAUTIONS

February may bring longer, brighter days, but slippery weather conditions persist. Take a moment to review the tips below to prevent slips, trips, and falls.

- Wear shoes or boots that provide strong traction. Boots made of non-slip rubber or neoprene with grooved soles are best.
- Take slow, short steps.
- Keep your knees slightly bent and walk flatfooted with your center of gravity directly over your feet.



WINTER WALKING PRECAUTIONS

- Use your HPI (Human Performance Indicator) Tools, such as the 2-minute rule, when unsure of how to navigate a slippery area. Remain aware of your surroundings and think worst-case-scenario to prepare for any task.
- When entering and exiting vehicles, maintain three points of contact with the vehicle.
- When entering and exiting buildings or structures, be aware of the transition from one condition to another.
- Never wear ice cleats when entering buildings.
- Let your eyes lead your feet.



A Message from Our Director of Distribution Planning

Meet the Demand Response Team



James Gaughan
Director, Distribution Planning



Alex Potulicki
Section Manager – Demand Response

Strategy



Gerrianna Cohen, Program Manager



Ethica Burt, Sr. Specialist



Ryan Malarkey, Sr. Specialist

Operations



Lars-Olaf Hoeger, Program Manager



Bretagne Walker, Sr. Specialist



Kieran Proper, Sr. Specialist



Santina Benincasa, Sr. Specialist



Chris Coiro, Sr. Specialist

2024 Aggregator Community

Renew Home	EnergyHub	Meltek	Enersponse	David Energy	NineDot Energy	NYPA
Cutone	Utilisave	Rodan Energy	Nuenergen	Voltus	IP Keys	iES
NRG	Live Building Systems	Enel X	Innoventive	CPower	Open Book Energy	Logical Buildings
Prescriptive Data	Energy Spectrum	Blueprint Power	Leap	Generac Grid Services	Entech Boiler Controls	Digital Energy

Making an Impact



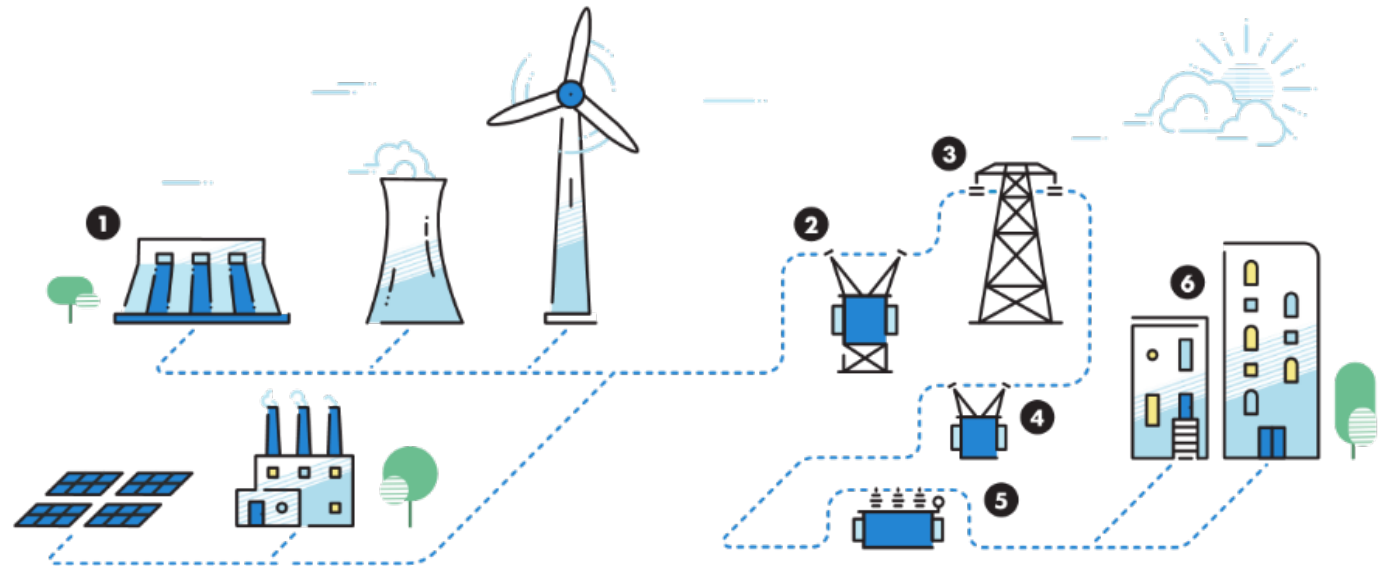
3.6 Million
Customers



9 Million People

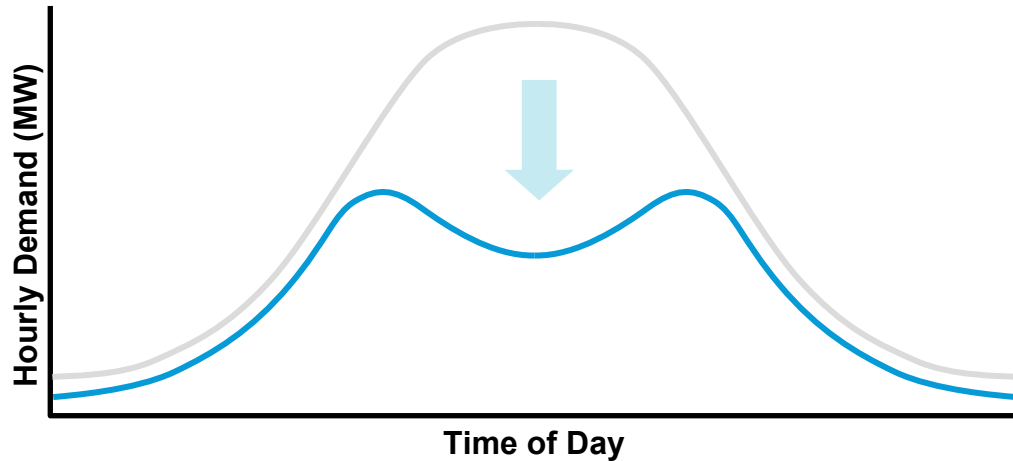


84 Networks



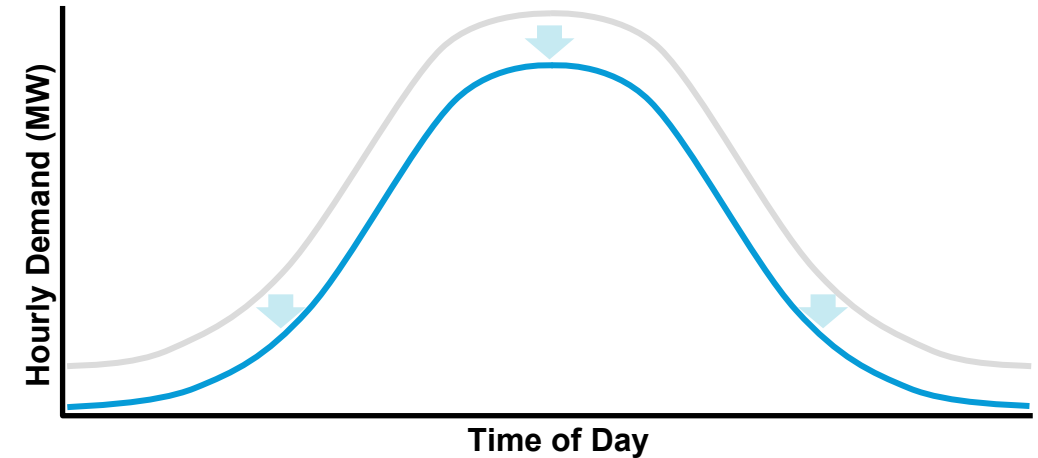
Demand Response for Reducing Demand on the Grid

Demand Response (DR) represents a demand-sided portfolio of dispatchable Distributed Energy Resources (DERs) for grid flexibility and managing load within networks



Demand Response

- Short-term reduction in energy consumption
- Targeting time frames where systems reach a peak and incentivizing them to reduce



Energy Efficiency

- Long-term reduction in energy consumption
- Improvements through upgrading technologies to use less energy or insulation to maintain temperatures

- Baseline demand curve
- Demand curve after measures are implemented

2024 Capability Period Recap



**Thank you Aggregators and Direct
Enrollees for an Amazing Season!**

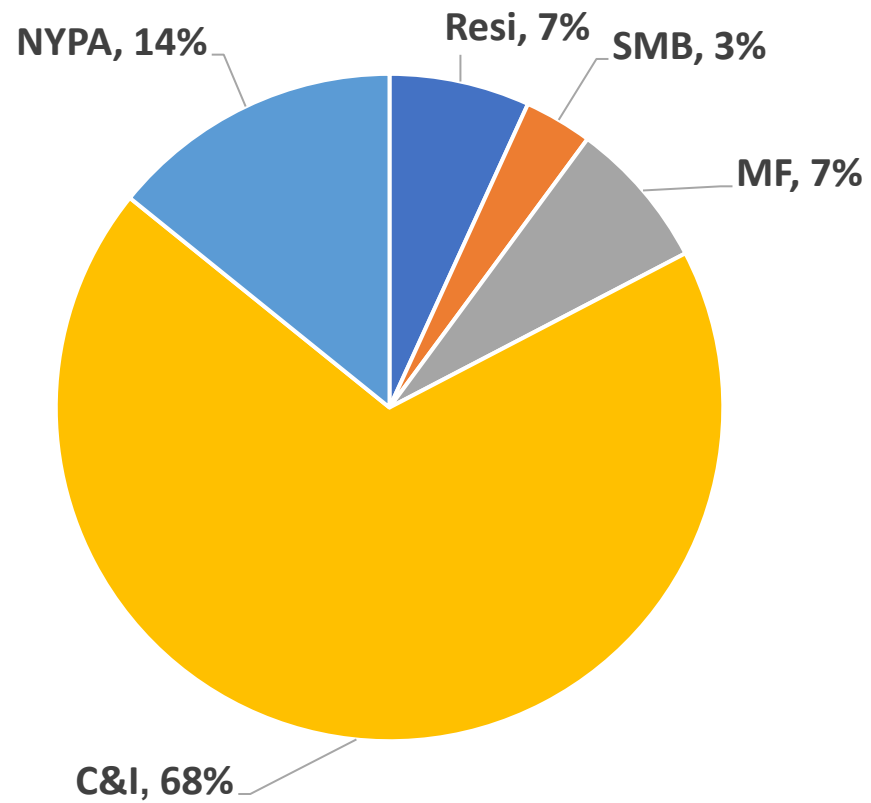


Program and Performance Statistics

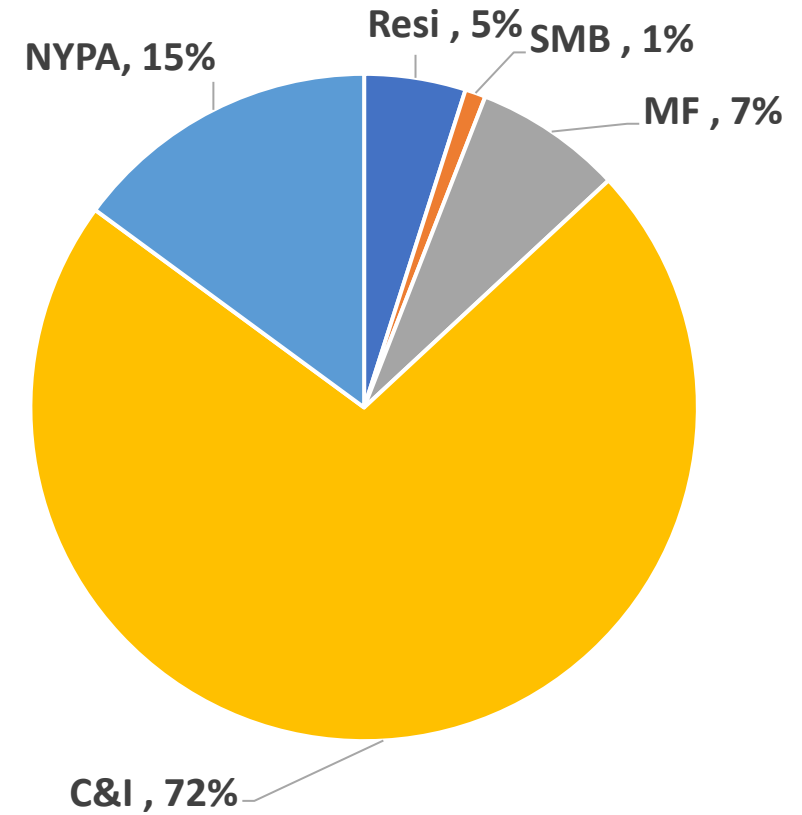
Program	Enrollments	Pledged MW	MW Reductions
2023 Totals	108,587	991.6	766.6
CSRP	40,534	466.20	326.68
DLRP	38,649	472.51	374.05
Term-DLM	708	20.40	32.29
Auto-DLM	4	11.50	12.83
BYOT	24,130	27.5	21.09
2024 Totals	104,025	998.11	766.94

Customer Data

2023 Pledge as % of Customer Type



2024 Pledge as % of Customer Type



2024 Event Summary

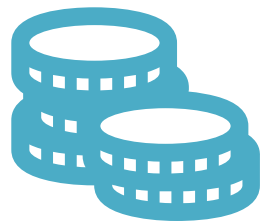
System-Wide Events

Program	Event Type	Event Date
Term- & Auto-DLM	Term-DLM Planned	7/8/2024
Term- & Auto-DLM	Term-DLM Planned	7/9/2024
CSRP	Planned	7/15/2024
CSRP	Planned	7/16/2024
CSRP	Planned	7/17/2024
Term- & Auto-DLM	Term-DLM Planned	7/15/2024
Term- & Auto-DLM	Term-DLM Planned	7/16/2024
Term- & Auto-DLM	Term-DLM Planned	7/17/2024
Auto DLM Test	Auto-DLM Test	8/1/2024
DLRP	DLRP Test	8/1/2024

DLRP Network-Level Events

Event Type	Network	Event Date
DLRP Immediate	Hudson	6/14/2024
DLRP Immediate	Fresh Kills	6/20/2024
DLRP Contingency	Granite Hill, Harrison	6/21/2024
DLRP Immediate	Madison Square, Lincoln Square, Flushing	6/21/2024
DLRP Contingency	White Plains	6/22/2024
DLRP Immediate	Riverdale, Sheridan Square	6/22/2024
DLRP Contingency	Lenox Hill, Sheridan Square	6/23/2024
DLRP Immediate	Central Bronx	6/23/2024
DLRP Immediate	Granite Hill	7/7/2024
DLRP Immediate	Washington Street, Granite Hill, Triboro	7/8/2024
DLRP Immediate	Elmsford No. 2	7/10/2024
DLRP Immediate	Elmsford No. 2	7/15/2024
DLRP Immediate	Granite Hill	7/16/2024
DLRP Immediate	Granite Hill	7/17/2024
DLRP Immediate	White Plains	8/1/2024
DLRP Contingency	Sutton, White Plains	8/2/2024
DLRP Immediate	Fresh Kills	8/2/2024
DLRP Contingency	Washington Street, Fresh Kills, Cedar Street	8/3/2024
DLRP Immediate	Fordham, Elmsford No. 2	8/3/2024

Customer Incentives



\$57.2 million total incentives

Type	Amount Paid	Percentage Performance
Reservation	\$51,909,897.99	91%
Performance	\$5,325,749.66	9%

New Implementations

2024 Six-Hour Response Windows

Network Name		Event Hours 1 - 4	Event Hours 2 - 5	Event Hours 3 - 6
Beekman	# of Customers	68	36	48
	MW Reductions	4.01	1.91	0.73
Bowling Green	# of Customers	29	11	25
	MW Reductions	1.65	6.54	4.03
City Hall	# of Customers	80	33	50
	MW Reductions	2.06	1.79	3.12
Flatbush	# of Customers	499	215	385
	MW Reductions	0.43	0.73	7.47
Greeley Square	# of Customers	39	12	32
	MW Reductions	6.42	0.01	1.49
Herald Square	# of Customers	35	11	26
	MW Reductions	0.97	1.00	2.62
Hunter	# of Customers	11	7	13
	MW Reductions	0.58	0.98	2.03
Jackson Heights	# of Customers	188	53	119
	MW Reductions	0.11	0.27	0.52
Jamaica	# of Customers	429	141	264
	MW Reductions	3.19	1.92	1.11
Lenox Hill	# of Customers	440	167	305
	MW Reductions	1.08	0.67	0.47
Long Island City	# of Customers	401	200	320
	MW Reductions	0.40	0.44	2.03
Midtown West	# of Customers	26	14	25
	MW Reductions	0.66	0.68	0.41
Park Place	# of Customers	36	18	25
	MW Reductions	0.45	1.06	1.63
Plaza	# of Customers	66	22	63
	MW Reductions	0.56	0.80	4.52
Rego Park	# of Customers	363	134	234
	MW Reductions	0.63	0.64	0.41
Southeast Bronx	# of Customers	220	75	160
	MW Reductions	7.39	0.31	0.42
Sutton	# of Customers	74	30	66
	MW Reductions	0.51	2.76	4.29
Turtle Bay	# of Customers	10	4	9
	kW Reductions	1.46	0.50	2.49

Benefits

- DR Performance successfully spread across 6-hour window
- Majority of highest consecutive LR included shoulder hours

Rider T Proposed Changes

Petitions Under Review

Rolling Customer Enrollments	Extend Customer Enrollment Period	Adjust DLRP Voluntary Event Window	Sub-aggregation Change
Allow aggregator and direct enrollee enrollments from one capability period to automatically roll over into the following year(s)	Allow Aggregators and Direct Enrollees to access and enroll customers between capability periods (i.e.: 10/1/25 - 5/1/26)	Extend the voluntary DLRP event period from 12am-8am to 9pm-8am to enable Con Ed to call DLRP any time within a 24hr period	Remove the 50kW minimum pledge required for sub-aggregating enrollments within a network
Program Guidelines		Leaf 271 & 281	Leaf 270

2025 Marketing



Marketing Plan

2025 Campaign

Emails

Increase program visibility in all customer segments

- **Residential:** Targeted emails to high usage customers and Solar/Storage customers
- **Multifamily, SMB, C&I:** Targeted emails to all customers not enrolled in 2024

Direct Mailer Postcards

Target Specific Customer Segments

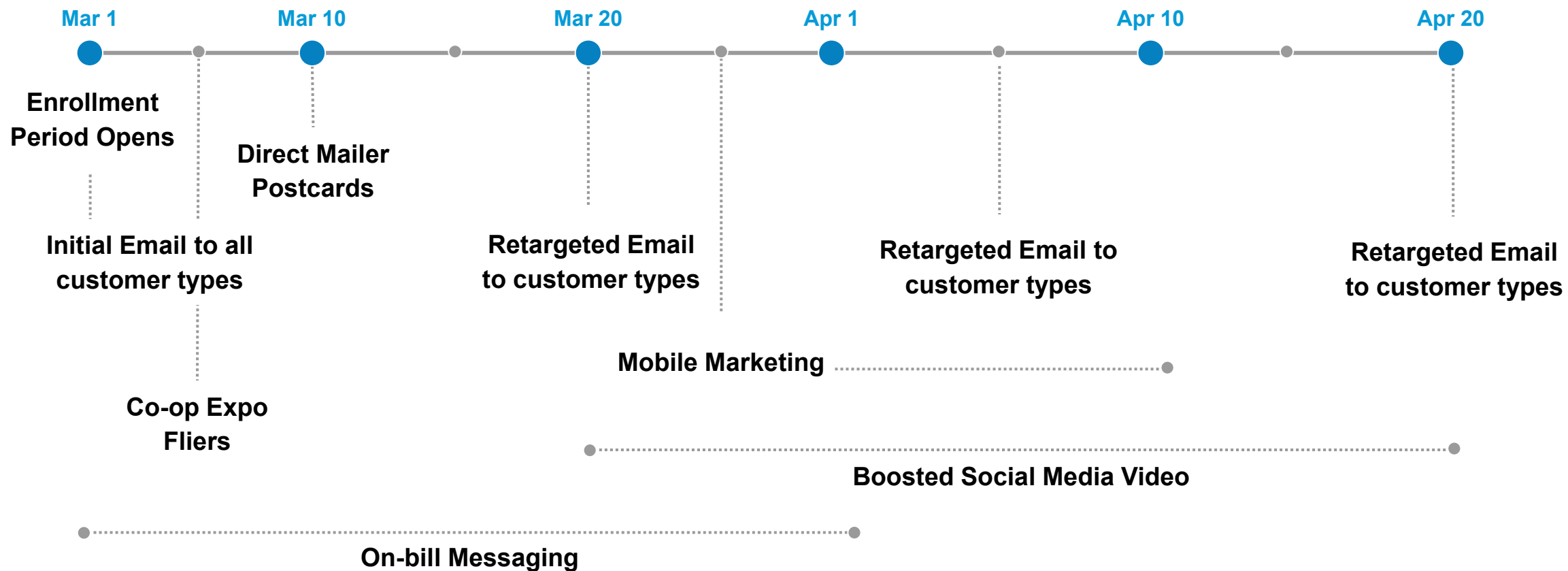
- SMB, Multifamily
- High Value SMB: From 2024 surveying
- Residential Solar/Storage

Additional Initiatives

- Expos and Events: Co-op Expo
- On-Bill Messaging
- Boosted Social Media Video
- Survey/Case Studies
- Find a Partner Form changes
- E-mobility Team Coordination
- Partnerships with local organizations
- Con Edison Mobile App
- Aggregator Awards

Marketing Plan

Timeline



Marketing Plan

Smart Usage Rewards Survey Results



37 responses

Residential

Commercial



Satisfaction

Highly satisfied with 2024 DR programs

Satisfied - driven by financial incentives and reducing grid strain



Marketing & Acquisition

Seeking streamlined onboarding and increased marketing from Con Edison
Interest in co-branding and third-party marketing



Curtailment Methods

Behavioral changes & smart thermostats

Auto-BMS & generators

Opportunities

- Streamline Onboarding:** Improve process for 2025 enrollments.
- Awareness Efforts:** Help Residential Aggregators understand DR programs.
- Support for Commercial Aggregators:** Address complex issues through partnerships

Marketing Plan

Find a Partner Links

- Please provide more targeted links for customers that want to sign up on *Find a Partner*
- We want more customer friendly links on our page

If you'd like a smart usage partner to reach out to you via email, please provide your contact information at the bottom of this form.

EMAIL	COMPANY	PHONE NUMBER
✓	conEdison Services	800-471-1000
✓	conEdison Services	800-471-1000
✓	conEdison Services	800-471-1000



Get in touch

First Name *

Last Name *

Email *

Company *

Reason for Contact *

Primary Technology *

Customer Type

Number of Customers

Message

Climate technology for the built world.

Helping building owners and residents earn money and reduce carbon through energy savings.

Book a demo

Let's walk through your building together. No strings attached.

What day is best for you?

Sun	Mon	Tue	Wed	Thu	Fri	Sat
9 Feb	10 Feb	11 Feb	12 Feb	13 Feb	14 Feb	15 Feb

What time works?

20 minute meeting • Eastern Standard Time (06:11 PM)

1:30 PM

Join the Power Savers program!

Enroll in the Power Savers program to earn a chance to win \$5,000. Plus, you'll earn an additional chance each time you participate in an event.

Learn more about the program

Get Started

HOW IT WORKS

Sign up.

If you own a smart thermostat, you may be eligible to participate! If you don't own one yet, you can get one with an instant rebate.

Win rewards.

Earn a chance to win \$5,000 for allowing us to make brief adjustments to your thermostat temperature throughout the year during peak electric demand periods.

Stay in control.

You can opt out of thermostat adjustments at any time from your mobile device, web browser or thermostat.

CHOOSE YOUR THERMOSTAT

ALARM.COM

ENROLL

BUY

ecobee

ENROLL

BUY

LUX

ENROLL

BUY

Marketing Plan

Find a Partner

Call to Action

- Simplifying the form
- Customers follow link to lead procurement form
- Webpage and FAQs listed for additional information

Find a Smart Usage Partner

An eligible partner will enroll you in smart usage rewards so you can get paid for reducing your electric use when energy demand rises during the summer. Tell us what type of customer you are, and your location, and we'll match you with partners who can help you get started today. Rewards vary by partner, so choose the one that works best for you.

Customer Type

Customer Type

Renters & Homeowners

Multifamily Building Managers

Small Medium Business

Commercial and Industrial Businesses



If you'd like a smart usage partner to reach out to you via email, please provide your contact information at the bottom of this form.

Name

Email Address

Phone Number

[RESET](#)

[SEND ME INFORMATION](#)

**Improving the
Find a Partner
tool**

**Please complete the following survey
to improve our [Find a Partner](#) page**



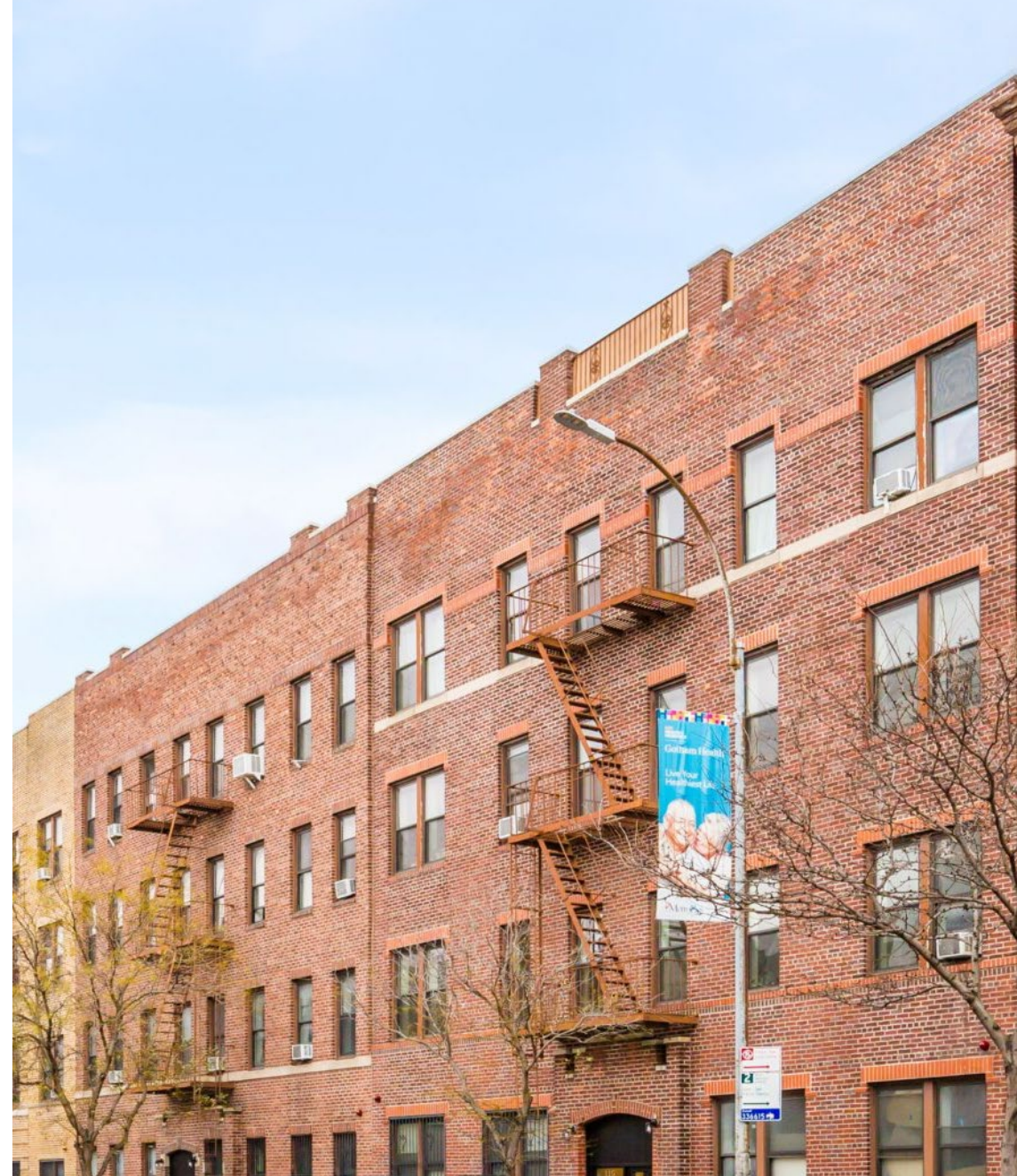
Marketing Plan

SMB/Multifamily Survey

- **Interest Levels:** Many interested in the next year or post-upgrades
 - **Engagement:** Several willing to contact aggregators or check the website
- **Upgrades:** Interest in aligning with ongoing energy efficiency projects and strong interest in incentives for upgrades and future plans

Recommendations:

- Use case studies to highlight benefits and aggregators
- Conduct outreach between February and April to ensure enrollments



Marketing Housekeeping

**Update aggregator contacts
in the SUR portal**

**Helps to ensure your team is
receiving stakeholder updates**

Case Studies


- **Marketing for your company**
- **Resource for outreach**

Marketing Plan


Co-branding


Increase customer confidence and reduce confusion


- Email materials to demandresponse@coned.com
 - Target audience
 - Distribution method
 - Contact information
- DR team will work with Corporate Affairs to return submitted materials within one week
- Redistribute co-branding guidelines
 - Smart Usage Partner Badge
 - Con Edison logo


 conEdison

Smart Usage Partner Badge Usage Guide

01

02

03

04


Basic Usage Guidelines:

There are four versions of the Smart Usage Partner Badge to choose from for your specific purpose.

A note: the badge on the bottom has been placed on a black square for illustrative purposes only.

Color/Sizing:

- Never alter the color or content of a badge.
- It is never to exceed 3/4 of the size of your logo, or less than 1/2 of your logo.
- Always leave space around the outside edges as a border. See example below:



ID Number:

- Please include your ID number below the badge so customers can verify your status.

Mandatory Approval Before Usage:

Before using, please email DemandResponse@conEd.com for approval.

Event communications for Con Edison & NYISO

Communicating Con Edison Events

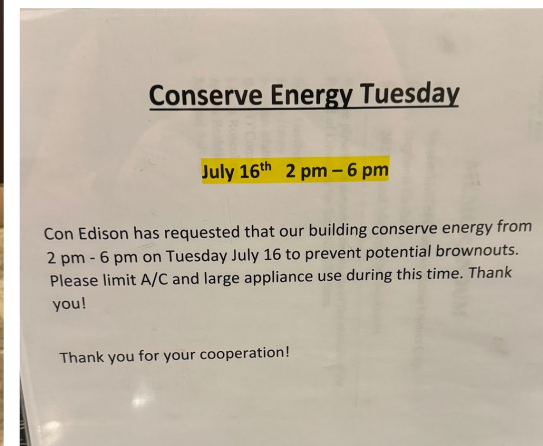
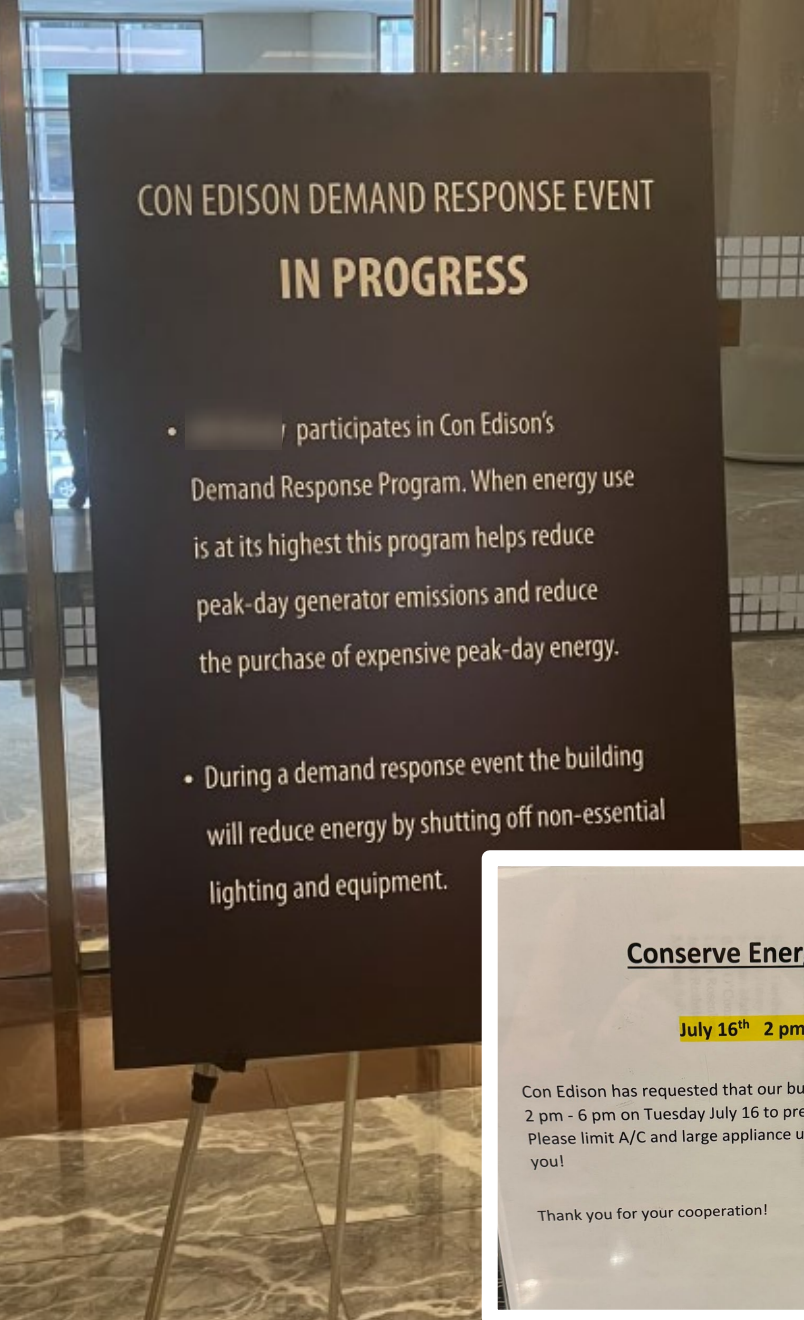
- Avoid language that can scare or confuse mass market customers such as blackout/brownout language for peak shaving and test events

Communicating NYISO Events

- Differentiate between NYISO and Con Edison events to avoid confusion
- Con Edison does not have a winter Electric DR program

Recommendation

- Refer to co-branding guidelines when using Con Edison's name or imagery
 - Applies to marketing and mass market notification materials
- Buildings not using Con Edison's name or imagery for common area signage are encouraged to reference their Aggregator's DR program or remain brand neutral



2025 Awards Introduction

Smart Usage Partner Excellence Recognition [SUPER] Awards

The Demand Response team is excited to announce a competition to support aggregators that stand out amongst their peers in helping the program grow enrollments, perform well during events, and makes a positive impact on our program.

Awards will be announced during the 2026 Smart Usage Rewards Forum

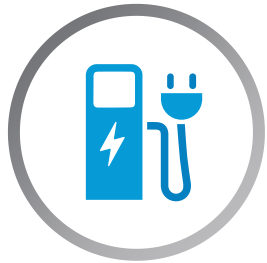
2025 SUPER AWARDS

- Innovation Award
- Aggregator of the Year
- Spotlight/Impact Award
- Rising Star
- Best YOY Growth Increase
- LMI Achiever Award
- Best Performance Factor
 - By customer type
- Load Reduction Achieved
 - By customer type

Con Edison Electric Vehicle Incentive Programs



Con Edison E-Mobility Programs & Initiatives Overview



PowerReady

EV Infrastructure Incentives
For Widespread Access to EVs

PowerReady Light-Duty

\$613M for light-duty vehicles

PowerReady Medium-Heavy-Duty

\$21.5M Pilot for medium and heavy-duty vehicles

PowerReady Micromobility

\$18M for e-bikes



SmartCharge

Managed Charging Incentives
Integrating Charging with the Grid

SmartCharge NY

For EV Drivers

SmartCharge Commercial

For commercial charging stations

SmartCharge Tech

For installing load management technology



Customer Education and Support

Guiding the E-Mobility Transition

Advisory Services

Providing guidance in the pre-application period for understanding grid capacity and how to plan for upgrades

EV Charging cost calculator

For understanding rates

Connect Services

For sharing opportunities



Innovation and Research

Charting the Path to the Future

Demo Projects

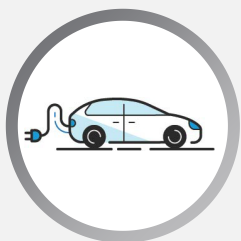
NYC DOT curbside charger demonstration project to install 120 plugs

RFI seeking partners to deploy cost-effective EV charging solutions for fleets

School bus vehicle-to-grid project

EV Infrastructure Programs





PowerReady Light-Duty Program

Program Overview

Program Description

Providing funding to offset customer and utility-side costs of ensuring that a site has adequate power to install EV chargers for light-duty vehicles

\$613M

Program Dates

Start: July 2020
End: December 2025

Program Goals

L2 Plugs: 21,371
DCFC Plugs: 3,157

Resources

[Website](#) [Email](#)

Incentive Overview

	Non-Public	Public
Level 2 Plugs	Up to 50% \$5-7.5k per plug cap*	Up to 90% \$9-13.5k per plug cap*
DCFC Plugs	Up to 50% \$400+ per kW cap*	Up to 90% \$720+ per kW cap*

- Project caps can be increased based on specific criteria and characteristics
- Additional incentives are available to projects located within DACs (Disadvantaged Communities)

Eligibility and Requirements

Con Edison

Receive, or plan to receive, service from Con Edison

Plugs

L2: Minimum of 2 plugs
DCFC: 6MW cap for 30+ plugs

Contractor

Customer-side work must be completed by approved contractor

Reporting

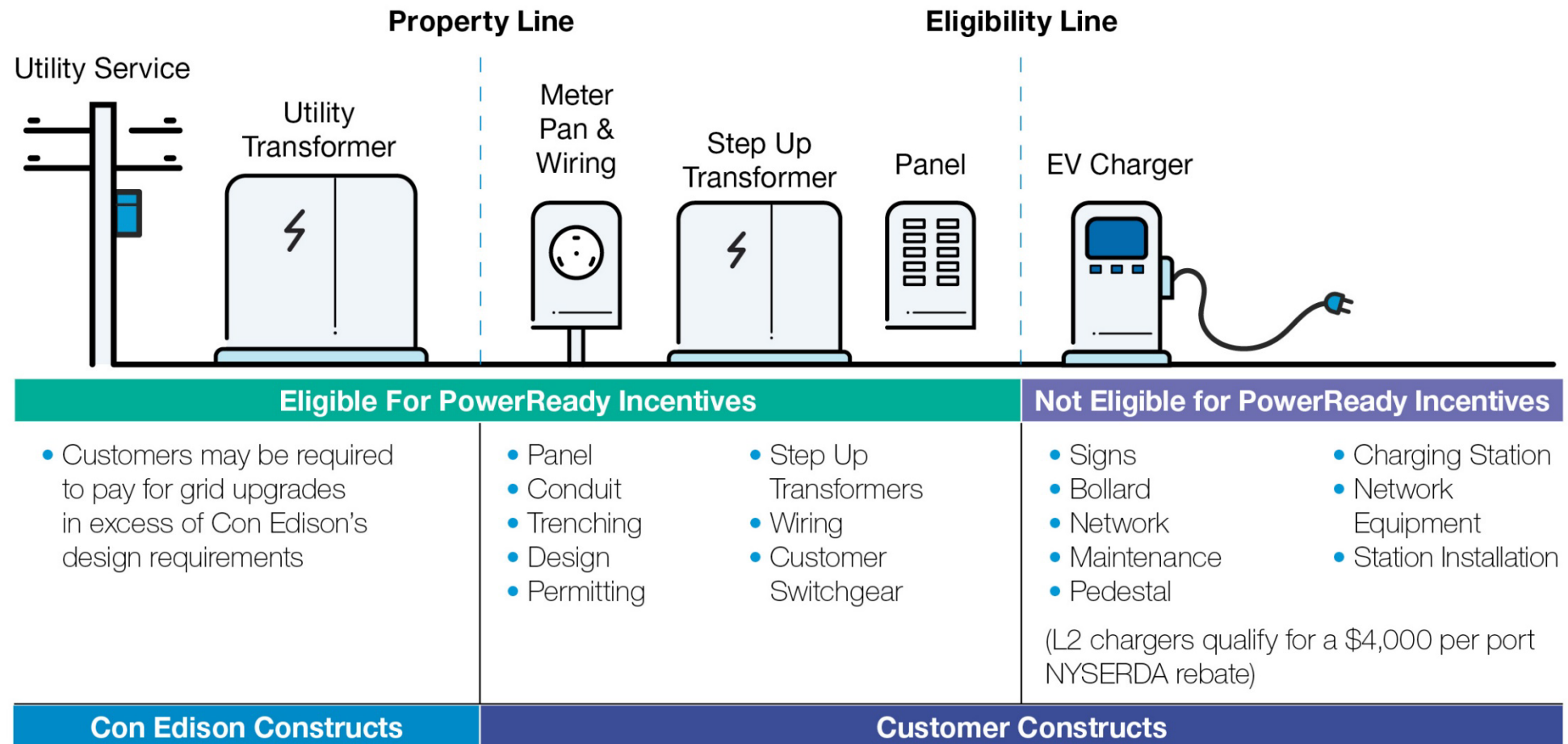
5-year reporting requirement pulled on a quarterly basis

Technical Standards

Chargers that participate in PowerReady must comply with ISO and OCPP standards, see “Additional Eligibility Requirements”

Con Edison's PowerReady Program provides incentives for utility-side and customer-side work

What's Eligible?



PowerReady Program Process

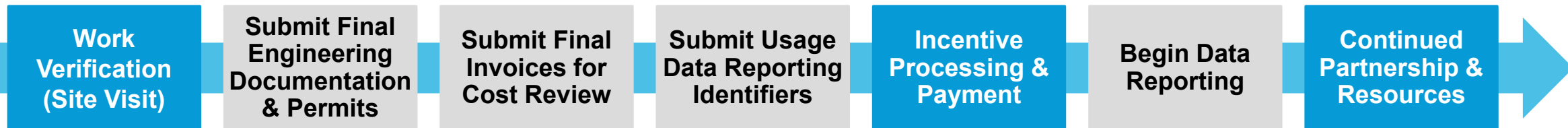
Application



Construction



Verification





MHD Make-Ready Pilot

Program Overview

Program Description

To encourage the development of medium- and heavy-duty charging infrastructure, we are offering incentives that can offset utility and customer-side costs for qualifying commercial sites.

Funding

\$21M

Program Dates

Available now, while funding is available

Resources

[Website](#) [Email](#) [Application](#)

Incentive Overview

Non-Publicly Accessible (Voucher Program Required)		Publicly Accessible
Located within, partially within, or adjacent to a Disadvantaged Community*	Yes	Utility-side costs: Up to 90% of costs
		Customer-side costs: Up to 50% of costs Or \$490/kW cap
	No	Utility-side costs: Up to 90% of costs
		Customer-side costs: Up to 50% of costs Or \$490/kW cap

*[Disadvantaged communities](#) (DAC) are defined as communities that bear burdens of negative public health effects, environmental pollution, impacts of climate change, and possess certain socioeconomic criteria, or comprise high concentrations of low- and moderate-income households. [See map](#) to determine if your site is in a DAC zone.

Program Requirements

MHDV

For charging MHDV over 10,000 lbs. gross vehicle weight

Chargers

L2, DCFC, or mixed

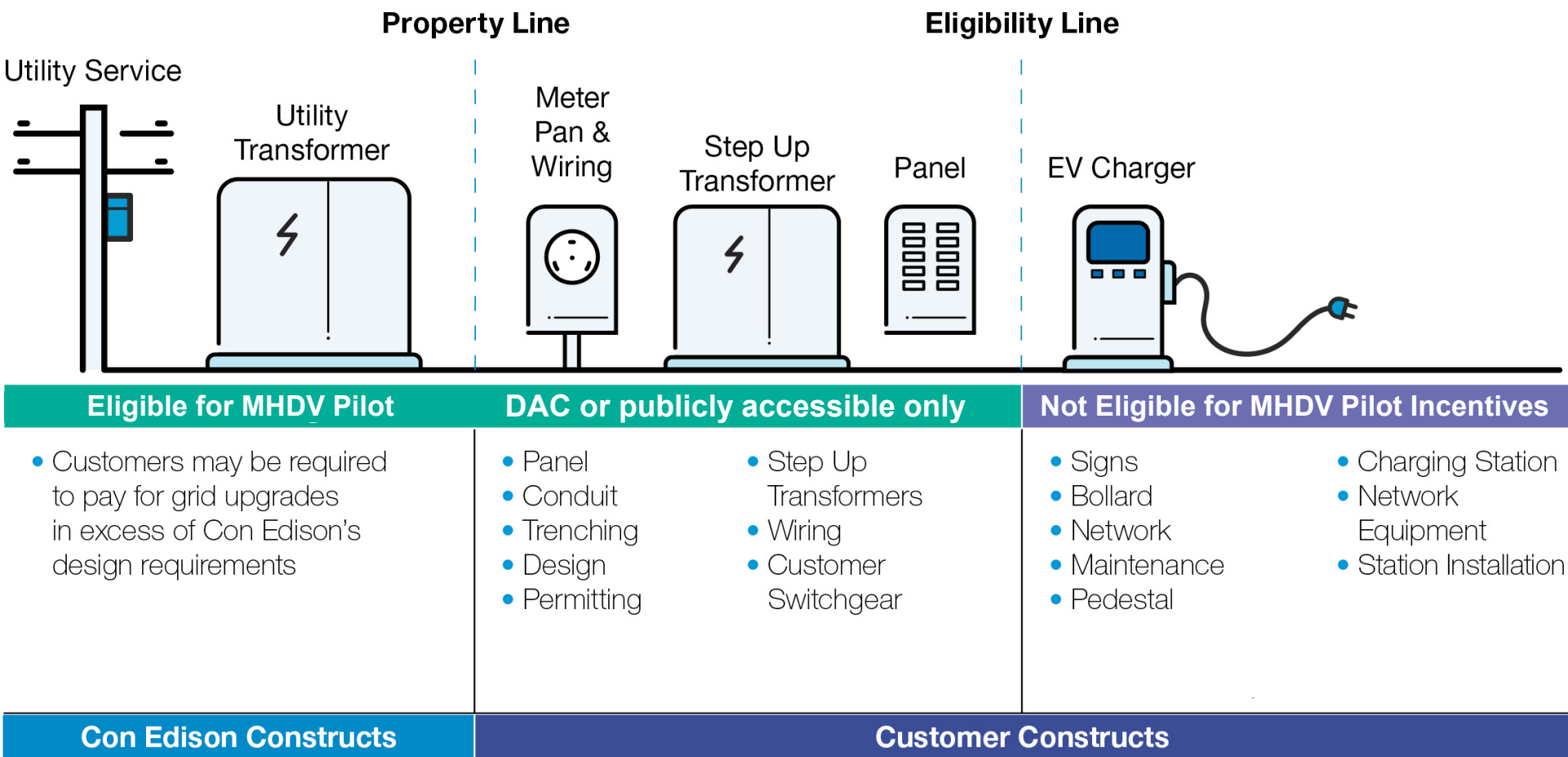
Non-Publicly Accessible Sites

Must be participating in one of the following voucher programs:

- [NYSERDA Truck Voucher Incentive Program](#)
- [NYC DOT NYC Clean Trucks Program](#)
- [EPA Clean Heavy-Duty Vehicles Program](#)
- [EPA Clean School Bus Program](#)
- [NYSERDA NY School Bus Incentive Program](#)

Con Edison's MHD Make-Ready Pilot can provide incentives for both utility side and customer side work

What's Eligible?





PowerReady Micromobility Program

Program Overview

Program Description	As e-bikes gain popularity, safe and reliable charging becomes even more crucial. Con Edison is offering incentives to offset electric infrastructure costs associated with installing chargers for e-bikes
Funding	\$18M
Program Dates	Start: November 2023
Website	coned.com/micromobility
Email	dl-micromobility@coned.com

Incentive Overview

Utility-Side Costs	Customer-Side Costs
Up to 100% of utility-side costs*	Up to 50% of customer-side costs

Program Requirements

Electric Service	Must receive, or plan to receive, electric service from Con Edison	
Eligible Sites	Publicly accessible and located within a Disadvantaged Community (DAC)**	OR In or adjacent to a multiunit dwelling where 25% of the units are at or below 80% of the Area Median Income (AMI)
Data Reporting	Quarterly basis	

*Participants may be responsible for some utility-side costs if the project is located on the curb
 **For more information on DAC and to view the map, visit: [Disadvantaged Communities - NYSERDA](#)

Micromobility chargers can be categorized into two main types

Docking Stations

Park e-bike & charge

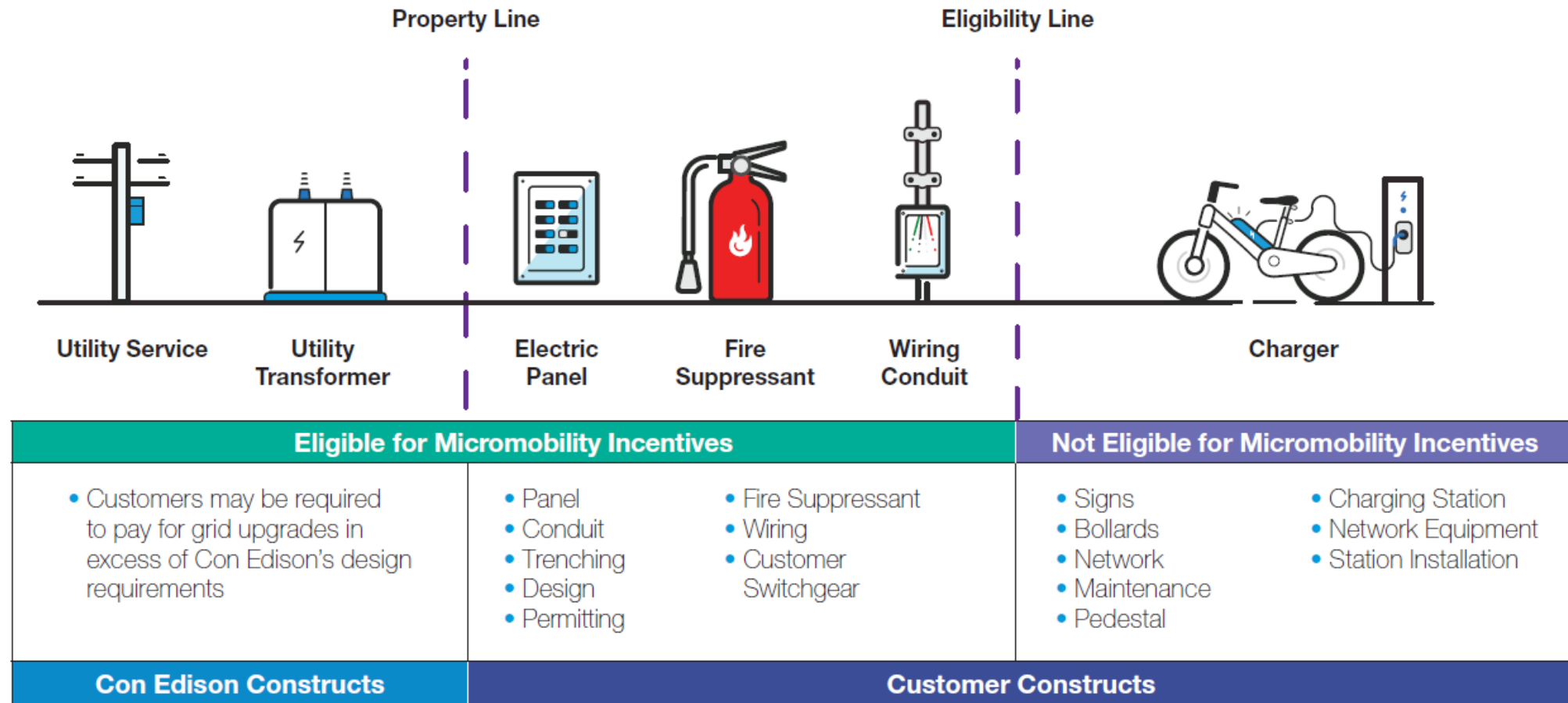


Battery Charging Cabinets*

Remove battery to charge. Will require additional approvals and permits in NYC.



Con Edison's Micromobility Incentive program provides incentives for both utility side and customer side work



Managed Charging Programs





SmartCharge New York

Program Overview

Program Description

The program offers cash incentives to EV drivers for charging their EVs at off-peak times, which reduces stress on the energy grid

Funding

\$100M

Program Dates

Start: 2017, updated Jan 2023
End: December 2025

Website

<https://scny.ev.energy/>

Email

scny@ev.energy.com

Support No.

419-909-6237

Charging Incentive Overview

Off-Peak Charging Incentive (Year-round, baseline)	<ul style="list-style-type: none">• \$0.10 per kWh incentive for off-peak charging: All days, year-round, between 12 AM - 8 AM
Summer Peak Avoidance Incentives (Jun 1 – Sep 30)	<ul style="list-style-type: none">• \$35 per month for avoided Summer Peak Incentive: Earn per vehicle or charging station for avoiding charging throughout the whole month, weekdays 2-6PM• Bonus for avoiding the full peak window all summer Earn an additional \$35 for avoiding peak charging during entire summer from Jun 1 – Sep 30

Eligibility and Requirements

Participants

Residential EV Drivers and Commercial Light-Duty Fleets

Locations

Charge with any charger in New York City or Westchester

Rate

Must be on standard rate (not Time-of-Use rate)

Connection

Must have compatible EV telematics or charger to participate

Charging Data

Must be able to provide location and energy use data

Eligible Models

Currently 56 models, 5 chargers. See [FAQ](#) for latest list





The SmartCharge program provides ease of use with mobile app and valued incentives for EV drivers

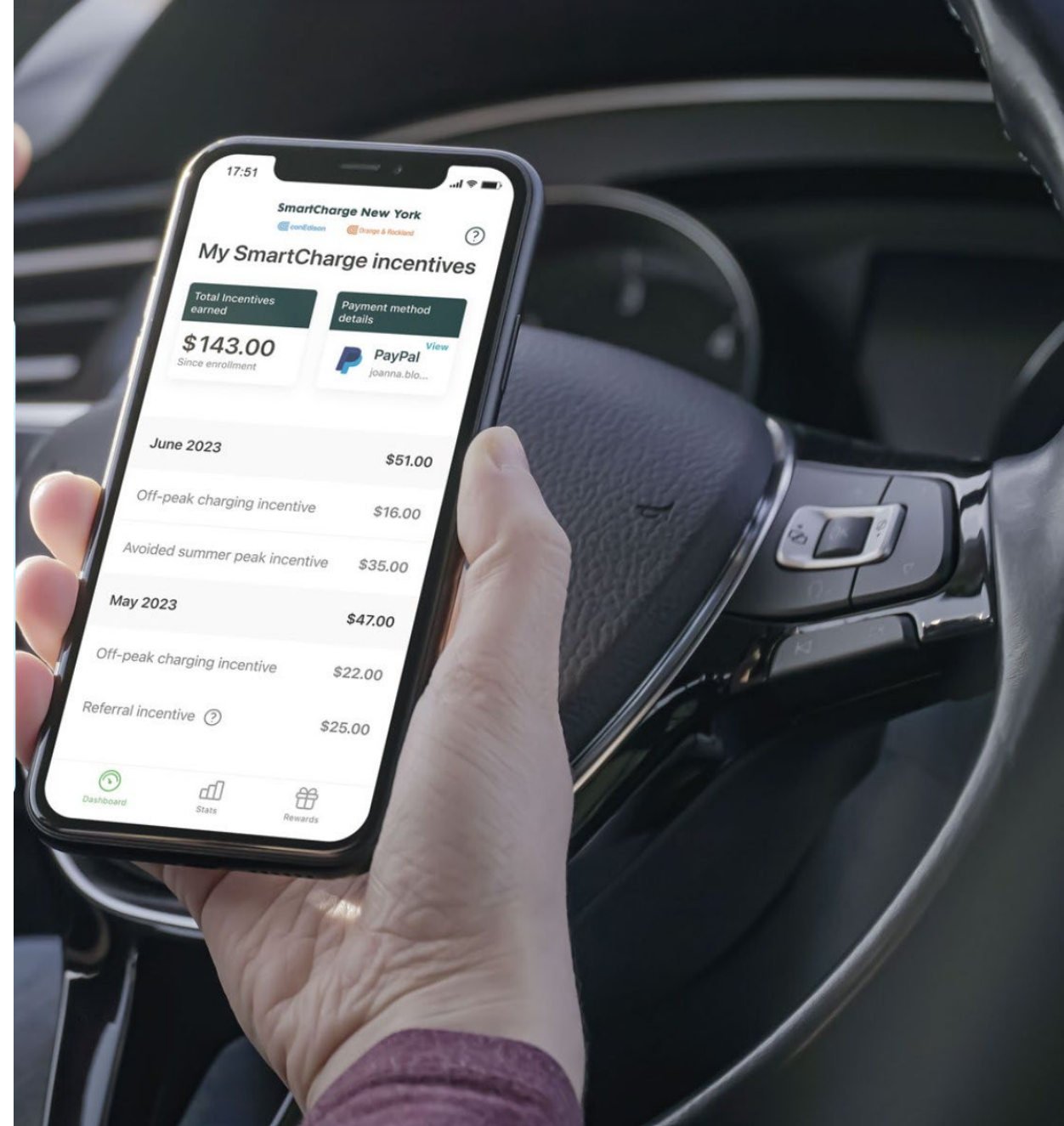
Vendor	ev.energy
Data Collection	Telematics + Charging Station
Participant Dashboard	Website + Mobile app
Incentive Payout	PayPal or Venmo
Customer Support	419-909-6237 Email, Phone, 7 Days/week
Eligible Models	56 models, 5 chargers. New models are continually being added. See FAQ for latest list

Audi	A5 PHEV 2022+	A7 PHEV 2021+	A8 IPHEV 2020-21	Q4 e-Tron 2022+	Q5 PHEV 2020+	e-Tron 2019+			
BMW	3-series PHEV 2017+	5-series PHEV 2017+	7-series PHEV 2017+	i3 (+REX) 2017-2021	i4 2022+	i8 2017-2020	iX 2021+	X3 PHEV 2020-21	X5 PHEV 2017+
Cadillac	CT6 PHEV 2017-18	ELR 2016-17	Lyriq 2023+						
Chevrolet	Bolt (incl. EUV) 2017+	Volt 2017-19							
Chrysler	Pacifica Hybrid 2017+								
Hyundai	IONIQ5 2022+	IONIQ BEV 2017-21	IONIQ PHEV 2018+	Kona 2019+	SantaFe PHEV 2022+	Sonata PHEV 2017-19	Tucson PHEV 2022+		
Jeep	*Grand Cherokee 4xe 2022+ BETA	*Wrangler 4xe 2021+ BETA							
Kia	e-Niro 2019+	EV6 2022+	Optima PHEV 2017-2020	Niro PHEV 2018-19	Sorento PHEV 2022+	Soul BEV 2017-2020			
Lexus	RZ 450e 2023+								
Lincoln	Aviator 2020+	Corsair 2021+							
Mercedes-Benz	EQB 2022+	EQC 2022+	EQE 2023+	EQS 2022+					
Mini	SE Countryman 2018+	SE Hardtop 2020+							
Rivian	R1S 2022+	R1T 2022+							
Tesla	Model 3 2017+	Model S 2012+	Model X 2016+	Model Y 2020+					
Toyota	bZ4x XLE 2023+	bZ4x Limited 2023+	**Prius 2022+ BETA	**Prius Prime 2022+ BETA	Rav4 Prime XSE 2023+	Rav4 Prime SE 2023+	Rav4 Prime XSE, with Premium Audio Package 2021+		
Volvo	S90 PHEV 2018-2021	S60 PHEV 2019-2021	XC60 PHEV 2018-2021	XC90 PHEV 2016-2022					
Volkswagen	ID.4 2021+								
Compatible EV Chargers	ChargePoint Home Flex	Enel X JuiceBox	Wallbox Pulsar Plus	Emporia EV Charger BETA					

How EV Drivers benefit from joining SmartCharge New York

Con Edison's SmartCharge New York program provides both economic and environmental benefits for shifting to off-peak charging

-  **Financial incentives:** Earn cash by charging overnight and off peak, off-setting your charging cost
-  **Environmental impact:** Reduce the demand on the grid during peak times, promoting grid resiliency and supporting the grid of the future that meets the need of NY's clean energy targets
-  **Referral bonus:** Gain additional earnings by referring other EV owners to the program
-  **Set it and forget it:** Once you have connected your vehicle or charger, incentives are automatically calculated and paid out monthly



It only take three minutes to enroll

HOW TO ENROLL

1. Sign up at <https://scny.ev.energy>
2. Create an account: Enter your details (Name, Email, Primary Charging Address, etc)
3. Enroll your vehicle
4. Connected to your dashboard via car login credentials or charger login credentials to connect to software API

SmartCharge New York

conEdison

Orange & Rockland

1/2 Your details

Click here to learn more about the SmartCharge New York program >


Create an account


First, enter your details

Full name

Email address

Confirm email

Password (min. 8 characters) 

Confirm the password 

Phone number

e.g. (###) ###-####

Continue

Have a referral code? [Add](#)



SmartCharge Commercial

Program Overview

Program Description

The program offers a predictable cash incentive revenue stream for charging during off-peak periods and overnight

Funding

\$239M

Program Dates

Start: January 2024

Resources

[Website](#) [Email](#)

Charging Incentive Overview

The more you shift to overnight and off network peak, the more you earn

		L2 Charger	DCFC Charger
Off Peak	Earn incentives all days, year-round for charging overnight	\$0.03 per kWh earned while charging from 12 AM – 8 AM	
Peak Avoidance	Earn incentives during 4-hour network peak window with every kW avoided relative to nameplate capacity	Private	\$10 per kW avoided from Jun – Sep \$2 per kW avoided from Oct – May
		Public	\$17 per kW avoided from Jun – Sep \$6 per kW avoided from Oct – May
			\$20-26 per kW avoided from Jun - Sep \$8 per kW avoided from Oct – May

Requirements

Con Edison

Receive, or plan to receive service from Con Edison

Charger Ownership

Show proof of ownership/operating agreement of chargers or provide an application and data management authorization letter

Eligible Rates

SC8 I, II, III; SC 9 I, II, III; SC12 I, II, or III billed for both energy and demand; SC13 Rate I; PASNY Rate I or II

Charger Data

Provide 15-minute interval data

Eligible Stations

- Public station
- Workplace
- Light-duty, medium-duty, heavy-duty fleets
- Multifamily housing
- Industrial locations

Con Edison's *Charging Calculator* will help you understand your future electricity costs

Description

A web tool designed to help you understand the potential electric costs associated with EV charging and the best rate for you, as well as how our operating cost relief programs can benefit you

Directions are included on the web tool. You can also reach out the advisory services team to help you navigate the web tool.

Website: charging.coned.com

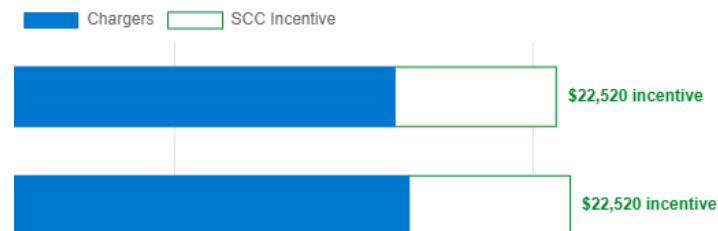
Bill Estimate

You use a total of **60,687 kWh** in a typical month. Note that prices vary by the time of the day and month.

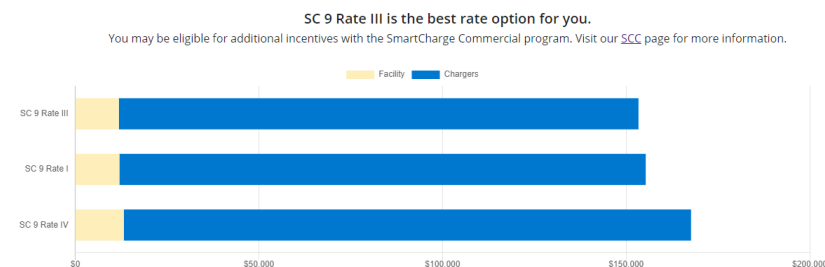
Typical Monthly Energy Cost

\$4,523

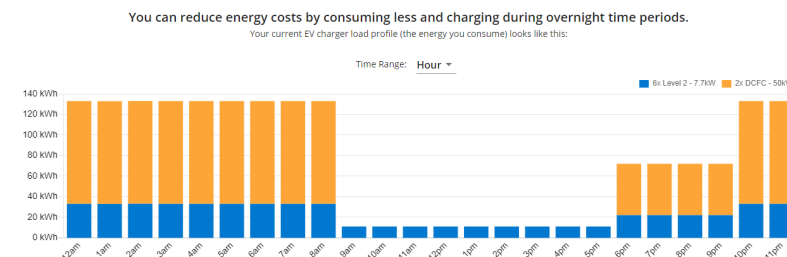
Incentive Savings



Rate Options



Charging Behavior Impacts



The more you shift off network peak, the more you earn

Standard(Private) Peak Avoidance ~Incentives

% of nameplate capacity <u>reduced</u> during 4-hour peak window ¹	Charging Station Size and Associated Standard Offering Annual Incentive ²				
	Total kW based on nameplate capacity				
	100 kW	500 kW	1000 kW	1500 kW	2000 kW
	Approximate # of L2 or DCFC Chargers				
	~ 14 L2 Chargers OR ~1 DCFC Chargers	~70 L2 Chargers OR ~5 DCFC Chargers	~140 L2 Chargers OR ~10 DCFC Chargers	~210 L2 Chargers OR ~15 DCFC Chargers	~280 L2 Chargers OR ~20 DCFC Chargers
100%	\$5,600/yr	\$28,000/yr	\$56,000/yr	\$84,000/yr	\$112,000/yr
75%	\$4,200/yr	\$21,000/yr	\$42,000/yr	\$63,000/yr	\$84,000/yr
50%	\$2,800/yr	\$14,000/yr	\$28,000/yr	\$42,000/yr	\$56,000/yr
25%	\$1,400/yr	\$7,000/yr	\$14,000/yr	\$21,000/yr	\$28,000/yr
0%	\$0/yr	\$0/yr	\$0/yr	\$0/yr	\$0/yr

1. See appendix for peak window by network
2. Assuming 7.2 kW for L2 charger and 100 kW for DCFC charger

You can earn more with \$0.03/kWh for overnight charging!



SmartCharge Tech

Program Overview

Program Description

Providing funding to offset costs of load management systems and battery storage to enable a site to balance and shift EV charging load

Funding

~\$6M

Program Dates

Program Launch: Oct 18, 2024, 2024

Website

coned.com/smartchargetech

Email

dl-SCTApplications@coned.com

Incentive Overview

Technology Segments	Tier 1: Enrollment to SCC	Tier 2: Enrollment to DCR*
Load control software	Up to 90%	Up to 45%
Battery storage	Up to 60%	Up to 30%
Load limiting hardware	Up to 60%	Up to 30%

NOTE: Tier 2 includes participants enrolled in SCC & DCR

Eligibility and Requirements

Con Edison

Receive, or plan to receive, service from Con Edison

Participants Requirement

Participants are required to be enrolled in one of following:

- SmartCharge Commercial or
- Demand Charge Rebate program

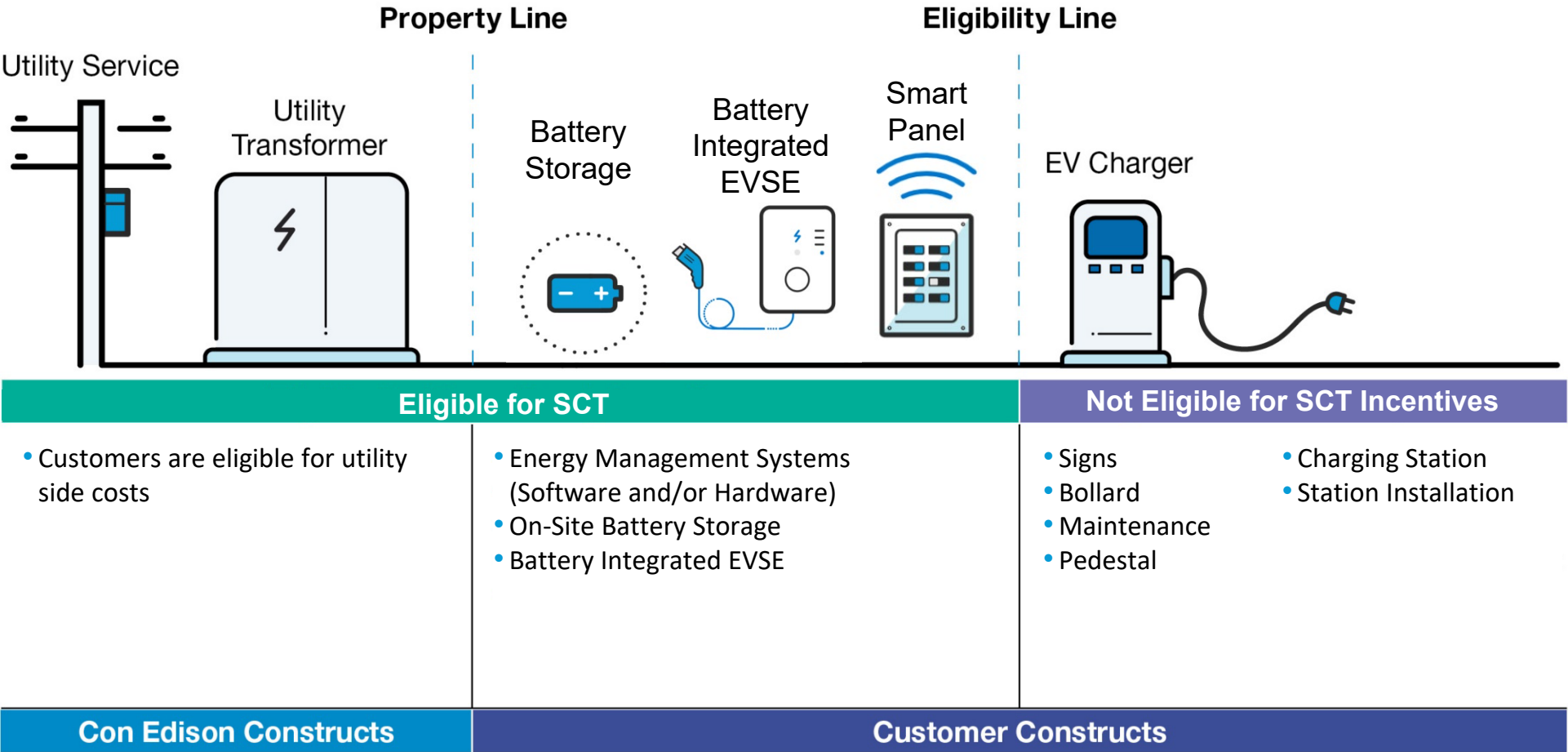
Site Eligibility

New and existing sites are eligible, technology adopted post Order (August 19, 2024)

**Novel technologies can be submitted for review for potential eligibility*

SmartCharge Tech can provide incentives for both utility side and customer side work

What's Eligible?



SmartCharge Tech Technology List

Novel technologies can be submitted for review for potential eligibility. See <https://jointutilitiesofny.org/ev/lmtip> for latest details

Technology	Eligible Costs	Minimum Capabilities	Technology Types	Required Certifications
Load Management Software	Up to five years of software costs that provides active load management for EV charging stations	<ul style="list-style-type: none"> • Manage the charging of all EVSE included in the application 	All Software	<ul style="list-style-type: none"> • NEC 625.42 • OCPP conformance • Open ADR conformance
			Storage Applications	<ul style="list-style-type: none"> • Modbus
Load Management Hardware	Equipment with load-limiting functionality to EV charging stations, without energy storage. Examples: power cabinets, switches to enable power sharing, load monitoring, communications, or safety hardware	<ul style="list-style-type: none"> • Manage the charging of all EVSE included in the application 	All Hardware	<ul style="list-style-type: none"> • NEC750
			Control Panels	<ul style="list-style-type: none"> • UL916
			Power Control Systems	<ul style="list-style-type: none"> • UL3141
			Inverters & Converters	<ul style="list-style-type: none"> • UL 62109
On-Site Energy Storage	Behind-the-meter battery energy storage systems that support EV charging stations. Example Use cases: to minimize demand charges, avoiding disruption to power, and delivering the maximum capacity to chargers using power sharing at a site.	<ul style="list-style-type: none"> • Meet utility requirements for sizing (discharging the minimum power to the minimum number of plugs simultaneously) • Min of 70% round-trip efficiency maintained • Connected to the grid • 10+ year manufacturer warranty for system 	All Storage Applications	<ul style="list-style-type: none"> • NEC 750 • UL1973 • UL9540
Energy Storage-Integrated EVSE	EV charging station and ports are not eligible, but incentives are available for the incremental price of the energy storage component of battery-integrated EV chargers.	<ul style="list-style-type: none"> • Meet utility requirements for sizing (discharging the minimum power to the minimum number of plugs simultaneously) • Min of 70% round-trip efficiency maintained • Connected to the grid • 10+ year manufacturer warranty for system 	All Storage Applications	<ul style="list-style-type: none"> • NEC 750 • UL1973 • UL9540

Con Edison Resources



Con Edison Advisory Services available to provide guidance during electrification process

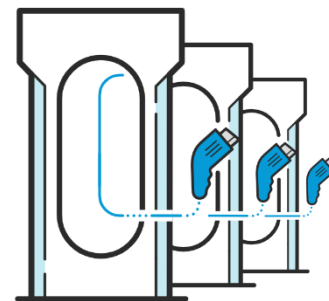
Con Edison has developed an EV Advisory Service to help you understand the grid capacity where you operate, how to plan for any upgrades that may be needed, and what electric rates may be best for you. You should engage with advisory services if you are:



**A Light, Medium,
Heavy Duty Fleet
Operator**



**A Developer unsure
of where to site your
next project**



**Interested in
installing a
charging hub**



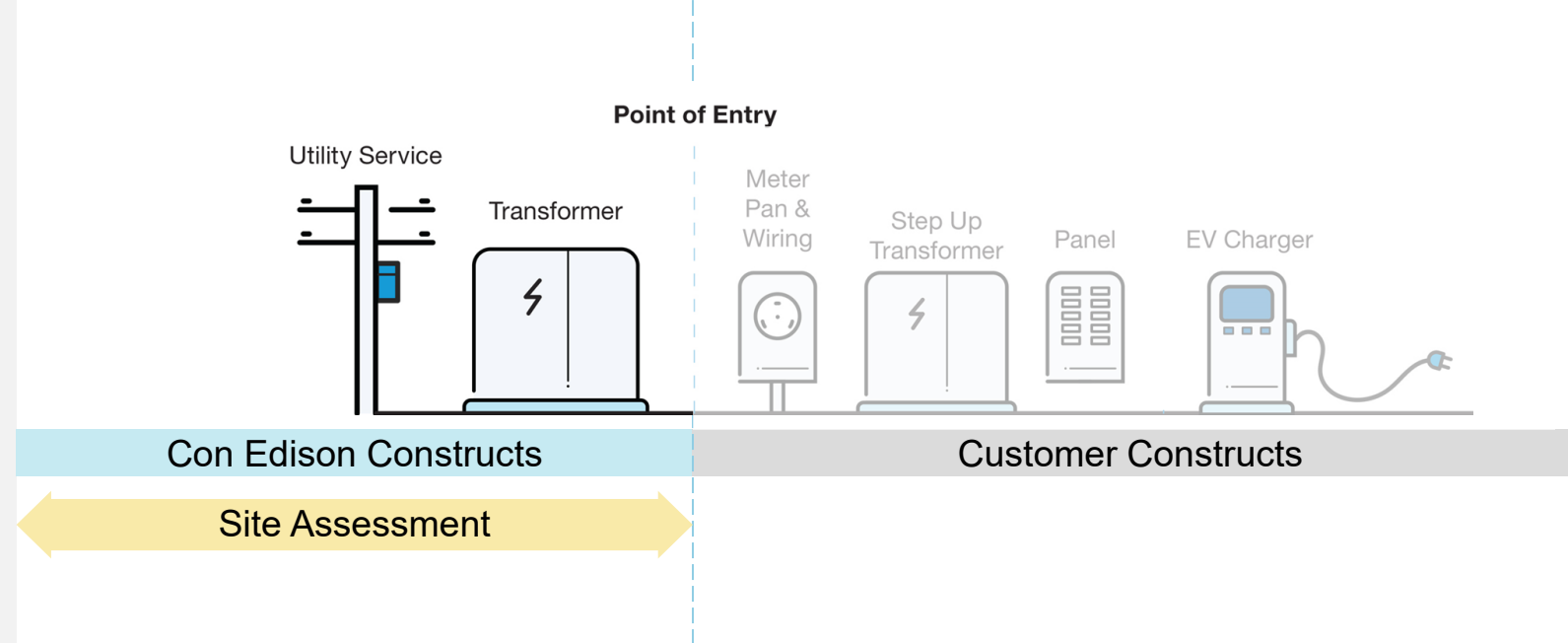
**Unsure of where to
start on your EV
charging journey!**

A *Site Assessment* provides a preliminary look at utility-side upgrades needed to support your EV project

Results

- Whether an existing service is expected to be adequate to support a proposed EV load
- The type and magnitude of utility-side work that may be required
- General timeline to expect for utility-side work if needed

A site assessment is not an authorization to install chargers or begin construction. Results are not guaranteed and do not replace a formal service application



Site Assessment Process



1. Customer submits a request form with EV load details and a Letter of Authorization if applicable



2. Advisory team performs a Site Assessment within two weeks or less



3. Results are shared with customer. Advisory is available to explain results and next steps

The *Electrification Capacity Map* is a self-serve tool that indicates grid capacity

What it shows

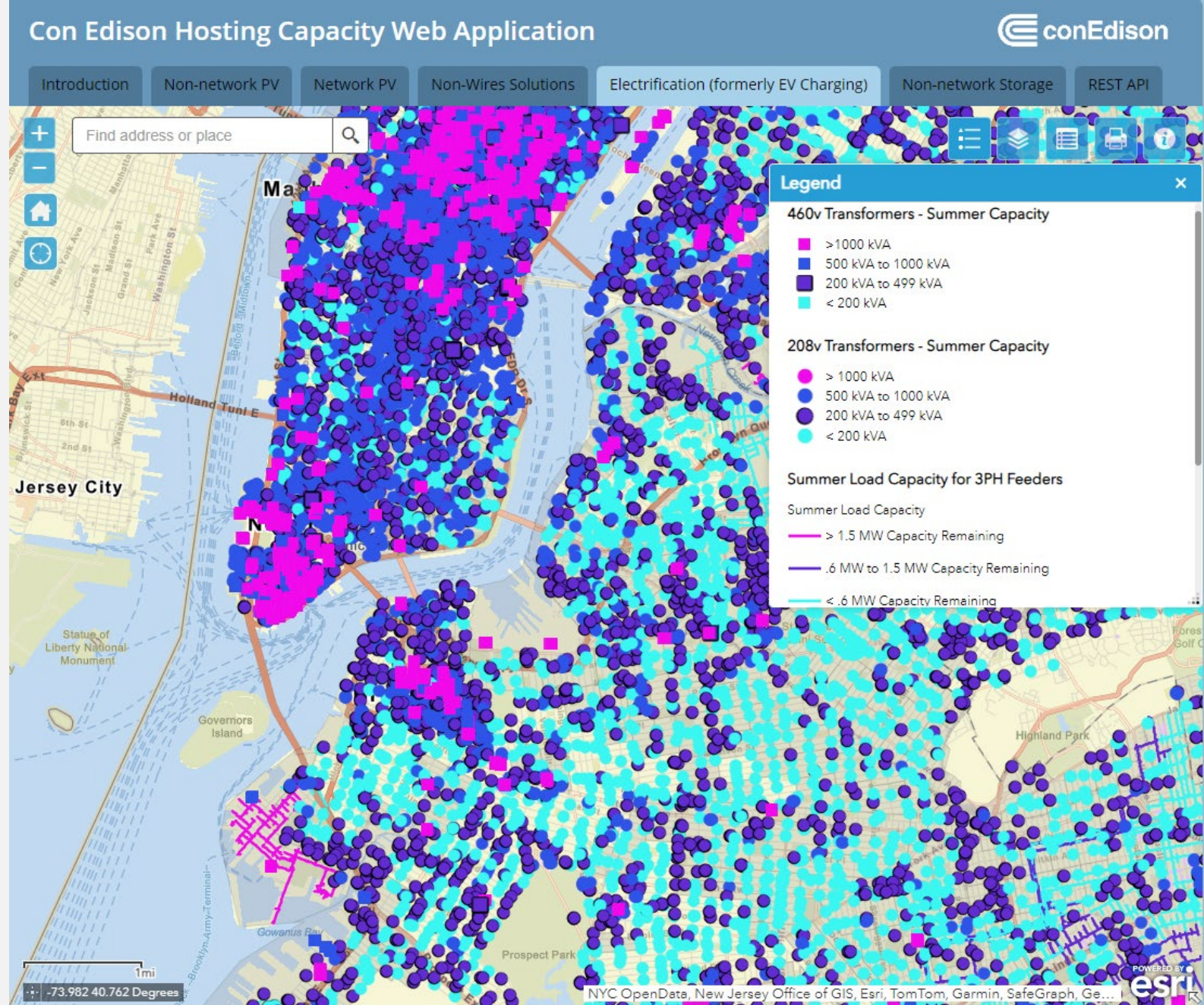
- Potential new load serving capacity of Con Edison transformers and overhead lines
- Disadvantaged Community Designated areas

What it doesn't show

- Site-specific conditions and equipment
- Ongoing or upcoming projects that could affect system demand

The data is informational and does not replace the utility engineering studies required in the customer application process

Website: [Link](#)



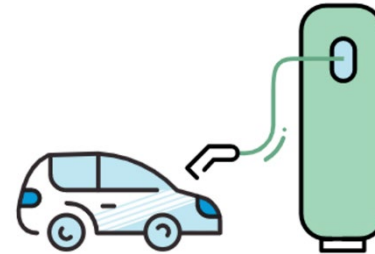
Program Resources

Resource	Details
ConEdison PowerReady Website	Incentive website including program information and resources.
PowerReady FAQs	Program Frequently Asked Questions.
Capacity Map/DAC Map	Look up your address on Con Edison capacity map.
Register – PowerReady Program Portal	Register for the PowerReady Program Portal.
Apply Now – PowerReady Program Portal	Apply for the PowerReady Program Portal.
PowerReady Program Portal Directions	Step by step directions to apply to the program.
Approved Contractor List	List of charger installers approved to participate in PowerReady.
Participant Guide	Includes program specifics, such as eligibility criteria and requirements.
EV Charging Cost Calculator	EV Charging cost calculator to determine bill impacts of charging.
EV Rates Webinar Replay	Video reviewing rate options for EV developers and customers.
EVMRP@coned.com	Reach out with any program questions or to start your project.

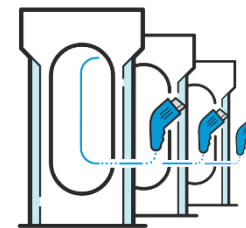
• Lead the Charge!



Forecasts indicate EVs will be responsible for 1/3rd of all car sales by 2025



EV Drivers save over \$500 and 72 lbs of CO2 on average a year vs. gas drivers



Studies have shown EV charging stations at commercial sites increased average EV driver dwell time by 50 minutes

Green Button Connect



Green Button Overview

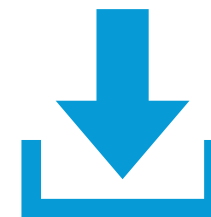
- **Standard Background**
Based on the ESPI data standard released by the North American Energy Standards Board (NAESB) in Fall 2011.
- **National data-sharing standard**
Launched in 2012 as a national data-sharing standard.
- **Green Button Alliance formation**
Green Button Alliance is formed in 2015 to help utilities develop green button platforms.
- **Customer Benefits**
Provides customers with easy access to their energy usage data in formats that are both consumer-friendly and computer-friendly.
- **Components of ESPI**
 - XML Format: A common XML format for energy usage information.
 - Data Exchange Protocol: Allows automatic transfer of data from a utility to a third party, based on customer authorization.

Green Button Offerings



Connect My Data

Provides the ability to automatically send your energy usage data from your utility company to a third-party application of your choice.



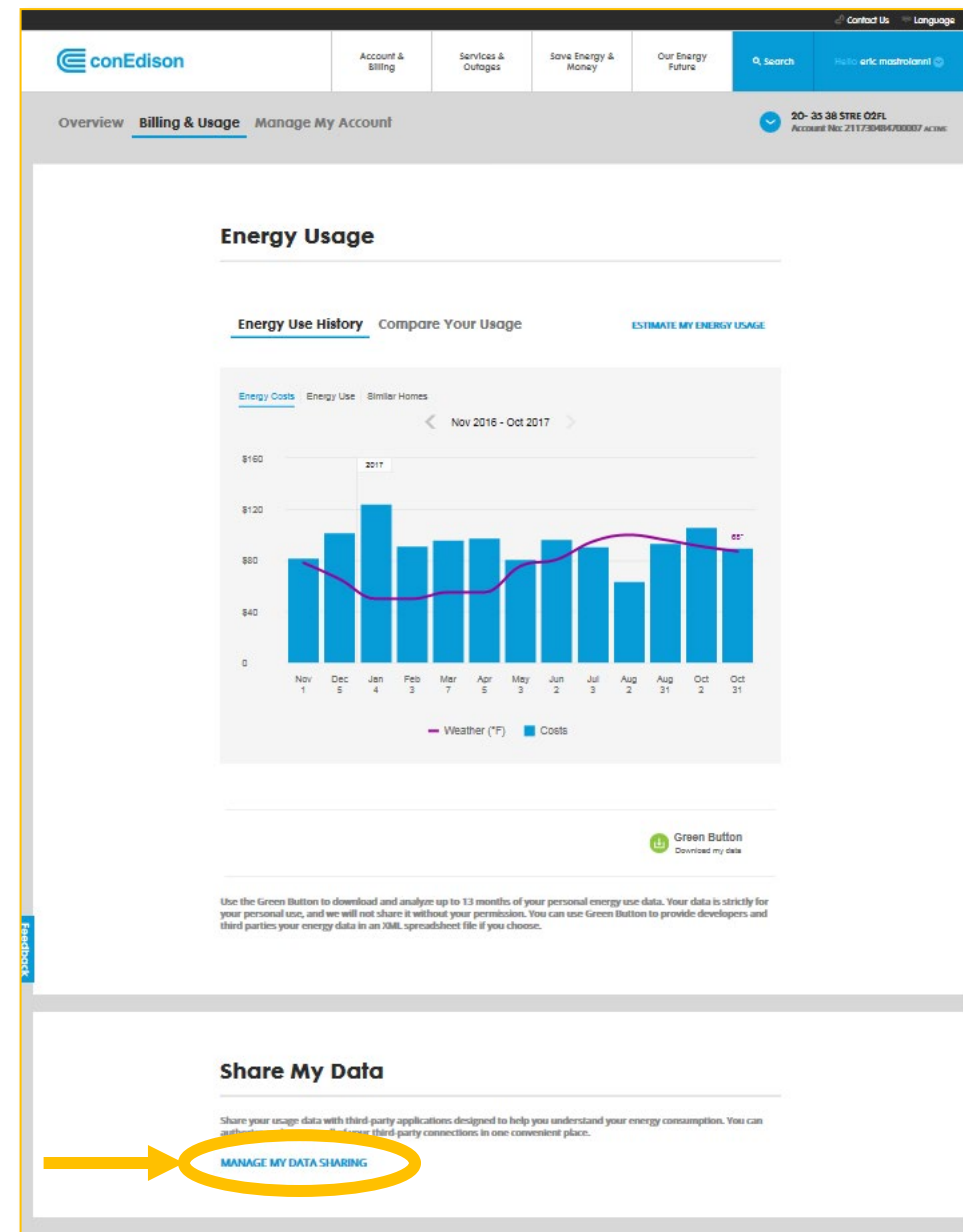
Download My Data

Customers login to their utility account and can simply download your energy usage data directly from your utility company.

Connect My Data | UX

- “Connect My Data” is an option customers can use to authorize data sharing with third-parties.
- Customers can share:
 - Billing Data
 - Energy Usage
 - Retail Customer
- Available for AMI and legacy metered customers
- Available for Electric and Gas Services
- Available for CECONY and O&R customers

Connect
My Data

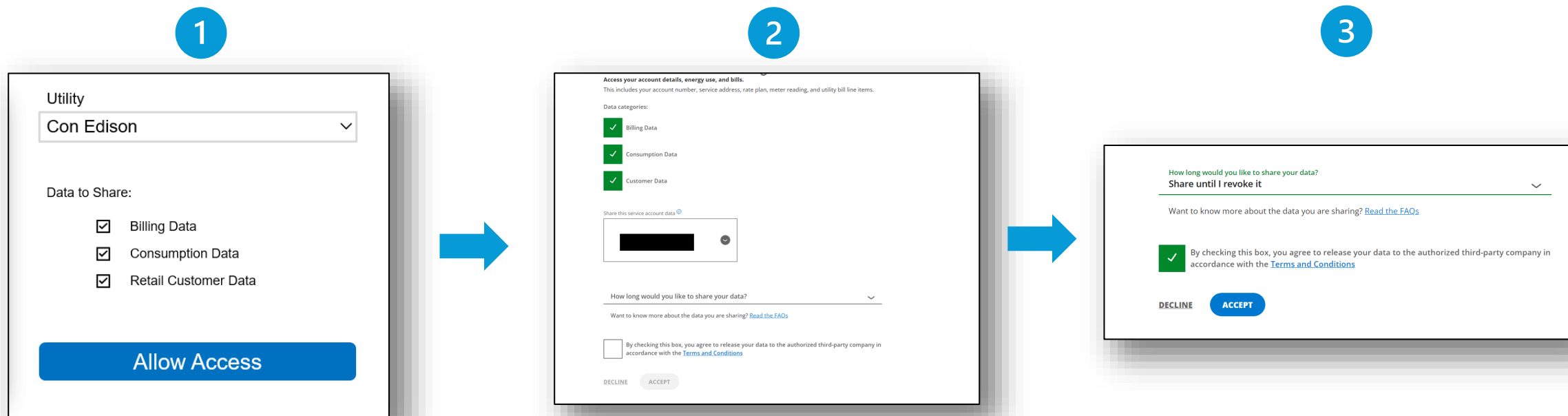


Green Button Connect | Data Availability

- Meter Number
- Energy (kWh, net kWh,ccf)
 - Commercial
 - Residential
- Reactive Power (kVAR)
- Total Electric Utility Bill (Usage & Cost)
- Total Gas Utility Bill (Usage & Cost)
- ICAP Tag
- Billing History
- Retail Customer Data

Customer Category	Usage Data Available
Electric Commercial Customers with AMI Meters	5-minute intervals
Electric Residential Customers with AMI Meters	15-minute intervals
All Gas Customers with AMI Meters	1-hour intervals
All customers with Non-interval Meters	Monthly

Connect My Data | Authorization Flow



Select Scope from Third-Party website

Select Account & Authorization Duration

- Indefinite (until revoked)
- Specific Period
- One-Time (24 Hours)

Complete Authorization

Connect My Data | Authorization Management

The screenshot displays the conEdison user interface for managing data connections. The top navigation bar includes the conEdison logo and links for Account & Billing, Services & Outages, Save Energy & Money, and Clean Energy. A search bar and a user profile dropdown are also present.

The main content area features two tabs: **My Active Connections** (highlighted with a green circle and a callout box) and **My Available Connections**. The callout box contains the text: "Lists existing Third-Party connections."

Below the tabs, there are two sections of connections:

- GBC Certification Mock**: This section contains two rows of connections. Each row shows a blurred icon, the text "Share until I revoke", and a link labeled "UPDATE DURATION" with a dropdown arrow.
- GBC 2 Third-Party**: This section contains one row of a connection, showing a blurred icon, the text "Share until I revoke", and a link labeled "UPDATE DURATION" with a dropdown arrow.

Connect My Data | Authorization Management

The screenshot shows the conEdison website's 'My Available Connections' page. The navigation bar at the top includes the conEdison logo, links for 'Account & Billing', 'Services & Outages', 'Save Energy & Money', and 'Clean Energy', along with a search bar and a user greeting. The main content area has two tabs: 'My Active Connections' and 'My Available Connections', with the latter being selected and circled in blue. Below the tabs, the heading 'Authorize a third-party company to share your data.' is followed by explanatory text and a link to 'Learn how and get answers to other common questions.' At the bottom, two connection cards are visible: 'GBC Certification Mock' and 'GBC.MockTPLOIDC.TEST'. A blue callout box with an arrow pointing to the 'My Available Connections' tab contains the text: 'Lists Third Parties registered with Utility.'

conEdison

Account & Billing Services & Outages Save Energy & Money Clean Energy Q Search Hello

My Active Connections **My Available Connections**

Authorize a third-party company to share your data.

If you have trouble authorizing a third-party company, you may already be sharing your data with them. You can check your active connections any time in the "My Active Connections" tab.

Can't find your third-party company? They may not be authorized to access your data yet. Please ask them to register in the Share My Data program. [Learn how and get answers to other common questions.](#)

GBC Certification Mock > GBC.MockTPLOIDC.TEST >

Lists Third Parties registered with Utility.

Connect My Data | Registration & Onboarding

Third-Party Registration & Technical Onboarding

1. Submit the online registration form, Coned.com/ShareMyData
2. Complete the Data Security Agreement and Cyber Security Self-Attestation
3. Technical Onboarding
4. Once completed Third Party will be:
 - Listed for customers to see as a Third-Party option in My Account
 - Ready to receive customer authorizations and approved data

The screenshot shows the 'Register as a Third-Party Company' page on the ConEdison website. The page has a blue header with the ConEdison logo and navigation links: Account & Billing, Services & Outages, Save Energy & Money, Our Energy Future, Search, and Login or Register. Below the header, the page title 'Register as a Third-Party Company' is displayed, followed by a sub-header: 'Please enter your information to be added as an authorized third-party company in the Share My Data program.' The main form area is titled 'Business & Contact Information' and contains the following fields: Company Name, First Name, Last Name, Phone Number, Ext (optional), and Email. There is a checkbox for 'I'm not a robot' and a CAPTCHA image. A green 'Submit' button is at the bottom of the form. Below the form, there is a disclaimer: 'Con Edison's account services and customer-specific information are solely intended for use by the customer who is the account holder or the customer's authorized agent. Any unauthorized entry or use of Con Edison's My Account system is prohibited. Violators will be prosecuted.' and a footer with contact information: 'Report trouble with your electric service or check on the status of a previously reported electric service problem. For gas emergencies, call 911 or 1-800-751-6622 immediately. DO NOT send an email.'

Green Button Download



Download My Data | UX

- Customers can access their Billing and Usage data options via My Account.
- They can navigate to the Usage Trends:
 - See usage visualization
 - Download Energy Usage & Billing Data
- Customer's can download their data in either CSV and XML formats.

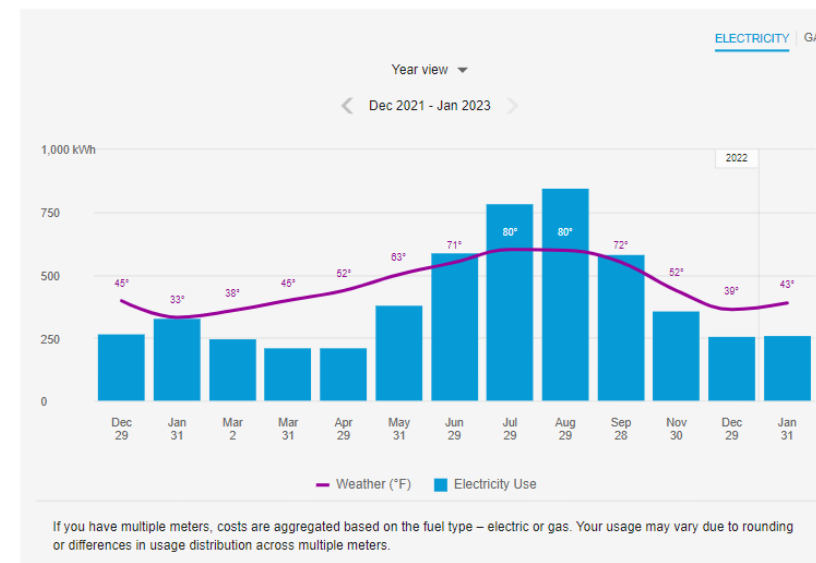
Usage Trends

[YOUR USAGE](#)

[COMPARISONS & ANALYSIS](#)

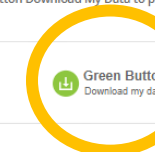
[USAGE](#)

[REAL TIME USAGE](#)



Green Button Download

Use Green Button Download My Data to download and analyze up to one year of your past energy use data. Your data is for your personal use, and we will not share it without your permission. You can use Green Button Download My Data to provide third parties with your energy data in a CSV or XML spreadsheet file if you choose.



Download My Data

Share My Data

Share your usage data with third-party applications designed to help you understand your energy consumption. You can authorize and manage all of your third-party connections in one convenient place.

[MANAGE MY DATA SHARING](#)

Questions?

Contact us at ShareMyData@coned.com

Break
15 minutes

API Integration With the Smart Usage Rewards Portal



Using APIs to Improve the Stakeholder Experience



Automatic Registration and Authentication



Document Download & Upload



Account Lookup



Enrollments & Portfolios



Settlement Statements



Event Notification

API automations
available in the
SUR portal

OpenADR
standardized
integration supports
event notification

How to Setup API Access Using DR Portal

- Please reach out to demandresponse@coned.com to request API access.
- Once logged into the DR Portal, visit the following page to enable API access and configure credentials:
[My Settings > API Access Password Setup](#)
- Use credentials to retrieve an access token, can now be used to execute API calls
- Schema guide shared by DR Team, upon access request

API Access Password Setup

To access API's fill out the below. If your API access is disabled you will need to enable it and create a new password.

API Schema can be downloaded [here](#)

User Name amandeepsingh.eng@gmail.com

Status Disabled

Enable API Access



New Password

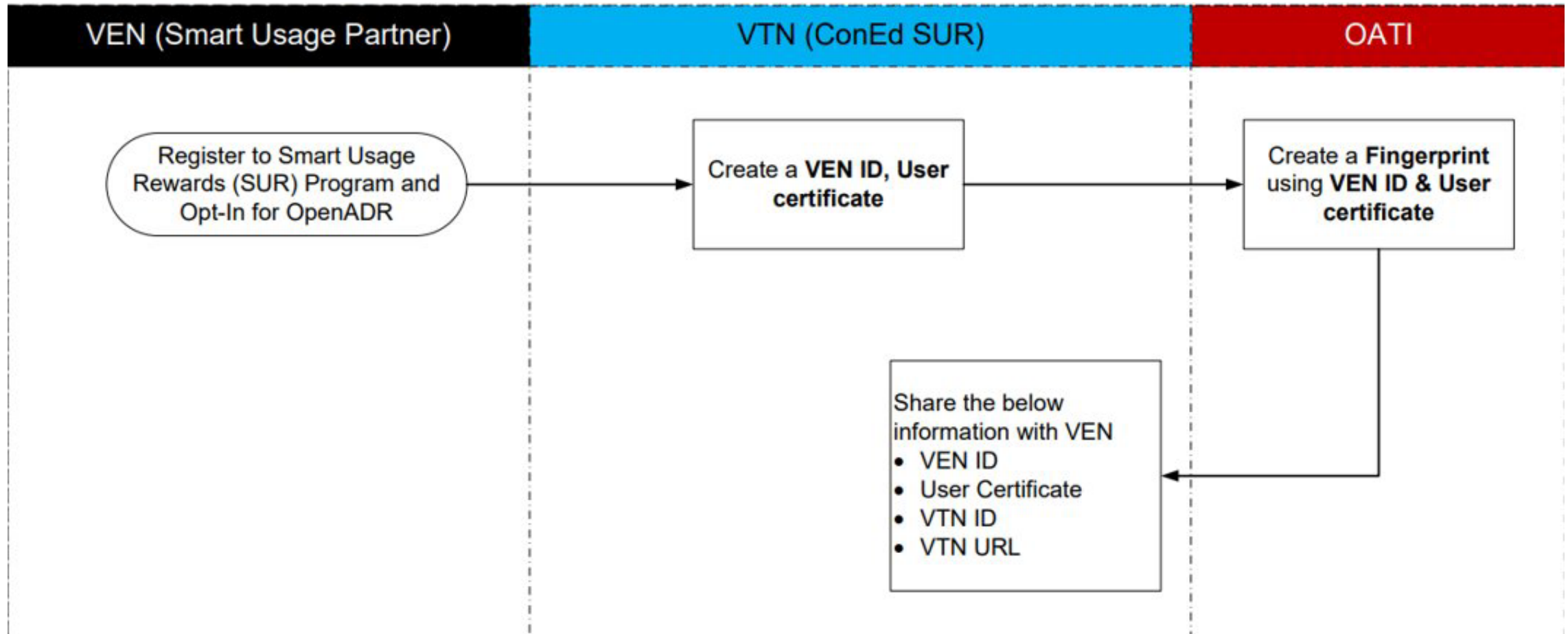
Confirm New
Password

1. Password length: minimum 8 characters and maximum 30 characters.
2. Must contain all four character types:
 - Lower case letters: a-z
 - Upper case letters: A-Z
 - Numbers: 0-9
 - Special characters: `~!@\$%^()_+~[]{};:.,/<>?
3. The following special characters cannot be used: space, single quote ('), double quote ("), pound sign (#), asterisk (*), a

[CLEAR](#)

[SUBMIT](#)

OpenADR Integration



Customer Enrollments

Manage
Accounts

Enrollment

Event

Settlement
Statements

Comm

Do you want to enroll electric customers?

Enter your customers' information by uploading a CSV/XLS/XLSX file or copying directly from Excel.



Upload File

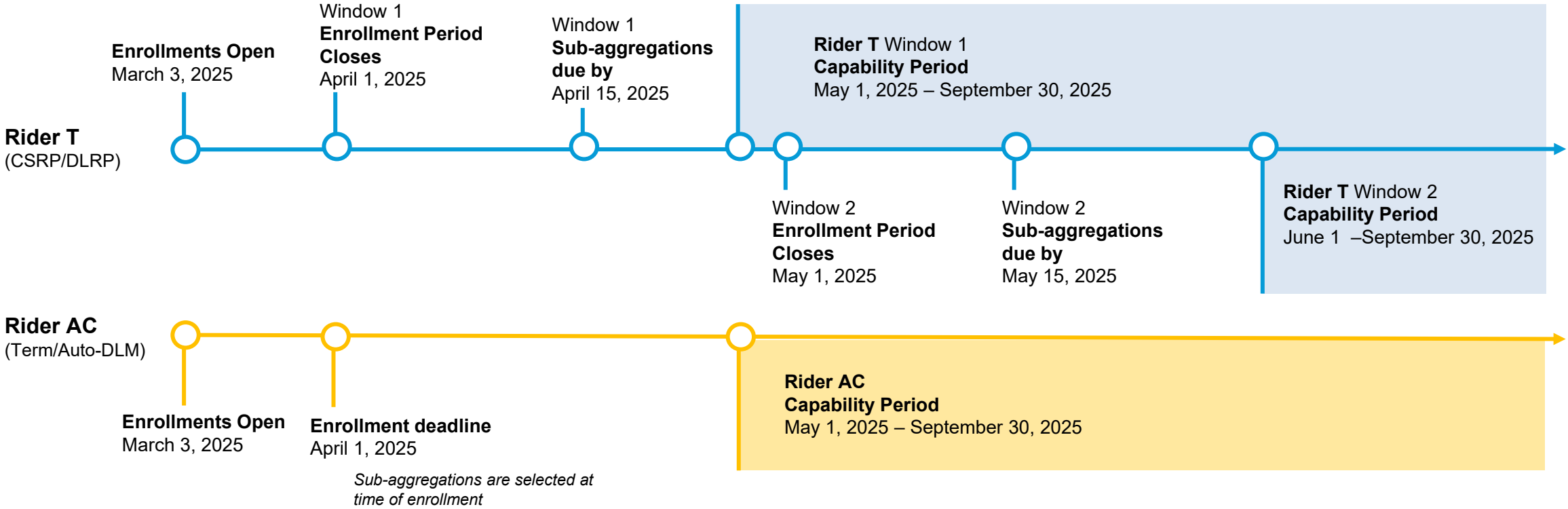


Copy from Excel

< ENROLLMENT SUMMARY

Enrollment Timeline

Aggregators/Direct Enrollees must submit a [DR Application](#) and supporting documents before they will be allowed to enroll customers in the Rider T program



How to Enroll

- Click on **Enroll a Customer** on the main page or hover over the Enrollment tab and select **Customer Enrollment** from the dropdown menu
- On the Customer Enrollment Summary page, select **New Entry** on the bottom left corner of the page

The screenshot shows the conEdison Smart Usage Rewards Portal. The top navigation bar includes the conEdison logo, the portal name, and several tabs: Manage Accounts, Enrollment, Events, Settlement Statements, and Communications. The Enrollment tab is active, and a dropdown menu is open, showing 'Customer Enrollment' (highlighted with a yellow circle) and 'Sub Aggregate'. A yellow arrow points from the 'Customer Enrollment' option to the 'Customer Enrollment Summary' page below.

Customer Enrollment Summary

Review current electric customers and enroll new ones. To view the location of current enrollments, select the [geospatial map](#).


Filtered by:

Enrollment ID	Asset ID	Customer Name	Network	Account Number	Program	Payment Option	Baseline	Asset Type	Weekday Load Reduction (kW)	Weekend Load Reduction (kW)	Enrollment
5000	1234	Customer One	Park Place	123456789112	CSRP	Reservation	Weather Adju...	Curtailment	150	150	Ready for A
5001	1234	Customer Two	Park Place	123456789113	CSRP	Reservation	Weather Adju...	Curtailment	150	150	Ready for A
5002	1234	Customer Three	Park Place	123456789114	CSRP	Reservation	Weather Adju...	Curtailment	150	150	Pending Re
5003	1234	Customer Four	Park Place	123456789115	CSRP	Reservation	Weather Adju...	Curtailment	150	150	Duplicate

Displaying 1-4

NEW ENTRY (highlighted with a yellow circle)

Three Ways to Enroll

 **Smart Usage Rewards Portal**

Manage Accounts

Enrollment

Event

Settlement Statements


Communications

[Enrollment](#) / [Customer Enrollment Summary](#) / Customer Enrollment Entry

How do you want to enroll electric customers?


Save time entering your customers' information by uploading a CSV/XLS/XLSX file or copying directly from Excel.

1




Manual Enrollment

2



Upload File

3



Copy from Excel

[ENROLLMENT SUMMARY](#)

Manual Enrollment

- When enrolling manually, the page on the right will be displayed
- 'Account Number' and 'Load Reduction Via Curtailment (kW)' will need to be entered manually
- All other fields will provide a dropdown to choose from
- Changes to display based on selections:
 - If there are DERs being used, additional fields will be displayed and 'Load Reduction Via Generation' will need to be provided
 - For the DLRP program, **separate values need to be specified for weekdays and weekends**
 - For Auto-DLM or Term-DLM programs, there will also be a field for sub-aggregation number

Customer Enrollment

DLRP

Complete the below form to enroll an electric customer manually.
To save time [copy and paste from Excel](#) or [upload a file](#).

Account Number

Payment Option

Reservation

Demand Response Program

DLRP

Baseline

Average Day

Start Date

05/01/2021

Weekday Load Reduction Via Curtailment (kW)

Weekend Load Reduction Via Curtailment (kW)

Is there on-site generation? ☐ Yes ☒ No

Demand Response Program

Auto DLM

Auto DLM

Baseline

Start Date

Load Reduction Via Curtailment (kW)

Sub-Aggregate Number

Auto DLM

On Site Generation

- If distributed generation resources are part of your load reduction plan, select “Yes” for “ Is there on-site generation?”

Start Date

02/20/2023



Load Reduction Via Curtailment (kW)(Optional)

Is there on-site generation?



Yes



No

- Add the required details for your on-site generation.
- Compliance documentation is **required**. If you need documentation select “Yes” for the prompt “Compliance Documentation?”. If you require documentation and select “No”, the enrollment will fail.
- See section 3.7 of the [SUR Program Guidelines](#) for information on generator compliance documentation



Distributed Generation 1

Load Reduction Via Generation (kW)

10

Nameplate Capacity (kW)

155

Asset Type

Generator - Diesel

Model Year

1999

Manufacturer

ABB

Compliance Documentation?



Yes



No

[BACK](#)

[SUBMIT](#)

Enrollment: Uploading a File

	A	B	C	D	E	F	G	H	I	J
1	15-digit Account Number	DR Program	Payment Option	Baseline	Load Reduction via Curtailment	Load Reduction via Curtailment	Start Date	Sub-Aggregate Number	On-Site Generation?	Weekday Load Reduction via Generation (kW)
2	123123123123123	Auto DLM	Reservation	Average Day			5/1/2021	1	No	
3								2		
4								3		
5										
6										
7										
8										

- When uploading a file, there is an **enrollment template** link that opens an excel file where customer information can be placed
- Once that file is populated and saved locally, select **Choose File**, then you are ready to **Upload**

Customer Enrollment

Upload a CSV/XLS/XLSX file to enroll multiple customers.
To ensure that your file is in correct format, please download and fill out our [enrollment template](#).

[Choose File](#)

No File Chosen

[BACK](#)

UPLOAD

Enrollment: Copying from Excel

- When copying from excel, a series of headers will be displayed
- A field can be clicked to be populated one at a time, or copying and pasting a row in excel will populate the entire row in the portal

Enrollment / [Customer Enrollment](#) / Customer Enrollment Entry







Customer Enrollment

Enroll up to 500 customers at once by importing their enrollment data from a formatted Excel spreadsheet. Copy the first cell under the account number column and paste it into the grid. Edit if needed, and then select submit.

	Account Number*	Demand Response Program*	Payment Option*	Baseline*	Weekday Load Reduction Via Curtailment (kW)	Weekend Load Reduction Via Curtailment (kW)	Start Date	Sub-Aggregate Number	On-Site Generation?	Week
1										

Enrollments: Submission Review

After submitting enrollments, if there are errors from uploading a file or copying from excel, there will be an additional step before submission


	Upload Status	Account Number*	Demand Response Program*	Payment Option*	Baseline*	Weekday Load Redu... Via Curtailment (kW)	Weekend Load Redu... Via Curtailment (kW)	Start Date
1	 Error: Failure	2905452000	Z_CSRP_Regression_February	Reservation	Average Day	Curtailment	10	02/17/2025
2	 Re-Submit	24772120002	Z_CSRP_Regression_February	Reservation	Average Day	Curtailment	10	02/17/2025
3	 Re-Submit	27508320002	Z_CSRP_Regression_February	Reservation	Average Day	Curtailment	10	02/17/2025
4	 Re-Submit	70858540001	Z_CSRP_Regression_February	Reservation	Average Day	Curtailment	10	02/17/2025
5	 Re-Submit	41605440001	Z_CSRP_Regression_February	Reservation	Average Day	Curtailment	10	02/17/2025
6	 Re-Submit	41605440001	Z_CSRP_Regression_February	Reservation	Average Day	Curtailment	10	02/17/2025




New: “Re-submit” status in Yellow

If all enrollments are accepted, they will automatically be submitted, and upload status will read ‘Success’

Enrollment Submission Review

You can download the grid you're currently editing. If there are failures in your submission, you will need to fix them before any enrollment is submitted.



ID	Upload Status	Account Number*	Dem. Resp.	Pay. Opti.*	Baseli ne	Week... Load...	Week... Load...	Start Date	On-Site	Loa d	Gen erati	Gen erat	Gen erat	Gen erat	Gen erat	Gen erat	Fallu...
1	 Success	12345689112	CSRP B...	Volunta...	Weath...	160	160	05/01/2020									Start d...
2	 Success	12345689112	CSRP B...		Weath...	160	160	05/01/2020									Start d...
3	 Success	12345689112	CSRP B...	Volunta...	Weath...	160	160	05/01/2020									

[CLOSE REVIEW](#)

Enrollment Statuses

Status		Meaning
Pending		When an enrollment is submitted, the DR Portal will initially set the enrollment status to pending. The DR Portal will then run enrollment validation rules and return one of the statuses listed below
Require Attention	Documentation Required	These enrollments have a compliance requirement and additional documents (Permit, PE Letter, supporting documents etc.) should be uploaded by the aggregator
	Pending Review	These enrollments have failed one or more enrollment validation checks. The nature of the failed validation checks are explained in the hyperlink provided with the status.
	Duplicate	Enrollments marked as duplicates because another aggregator has enrolled in the DR program.
	Rejected	These enrollments were rejected due to incorrect information or not meeting requirements.
All Clear	Ready for Approval	These enrollments have passed all validation checks and are ready for approval.
	Approved	These enrollments are approved by Con Edison for the DR program for which they are enrolled.
	Active	Approved enrollments are moved to active status during the DR program capability period.
Canceled	Cancellation Requested	A request has been submitted by the aggregator to cancel this enrollment
	Cancelled	Enrollments that have been cancelled by aggregator or updated to cancelled by Con Edison. Cancelled enrollments are not eligible for DR program participation during the DR program capability period.
Ended	Final	ConEd account is no longer active.
	Completed	Active enrollments move to completed at the end of the DR program capability period.

Please Note:
Enrollments cannot be canceled after they are active!

On Site Generation (How to Upload)

Customer Enrollment Summary

Review current electric customers and enroll new ones. To view the location of current enrollments, select the [geospatial map](#).

Filtered By: Date: Current Year

Enrollment ID	Asset ID	Customer Name	Network	Account Number	Program	Payment Option	Baseline	Asset Type	Weekday ... Reduction...	Weekend ... Reduction...	Sub Aggre... Number	Enrollment Status
5879418	90876	WESTERN BEEF MERRICK	Jamaica	2991119...	Z_DLRP...	Voluntary	Average Day	Curtailm...	10	10		Cancelled
5879419	90877	ANGIE BERIGUE...	Crown Heights	6552000...	Z_CSRP...	Reservati...	Average Day	Curtailm...	10	—		Duplicate
5879420	90878	LEI QIN	Sheepsh... Bay	6776213...	Z_CSRP...	Reservati...	Average Day	Curtailm...	10	—		Pending Review
5879421	90879	ALEXAN... XEROS	Williams...	6441024...	Z_CSRP...	Reservati...	Average Day	Curtailm...	10	—		Pending Review
5879422	90880	HUINA WU	Flatbush	6663920...	Z_CSRP...	Reservati...	Average Day	Curtailm...	10	—		Cancelled

1. To upload compliance documentation, navigate to your customer enrollment summary.

4. Upload required documentation with a title and description

Upload Document

Document Type: Gen Permit

Title: *

Description:

Expiration Date: ☐ No Expiration

Upload Document
.pdf/doc/docx/xls/xlsx file only [Choose File](#)

[CLEAR](#) [SUBMIT](#)



Filtered By: Status: Documentation Required Date: Current Year

Enrollment ID	Asset ID	Customer Name	Network	Account Number	Program	Payment Option	Baseline	Asset Type	Weekday ... Reduction...	Weekend ... Reduction...	Sub Aggre... Number	Enrollment Status
5879427	90886	871 EIGHTH AVEUNE	Columbus Circle	4412291...	Z_CSRP...	Voluntary	Average Day	Generator - Diesel	10	—		Documentation Required

2. After filtering by “Status –Documentation Required, select & double click the Enrollment ID on your desired enrollment to open individual customer enrollment information.



Customer Enrollment

Complete the below form to enroll an electric customer manually.
To save time [copy and paste from Excel](#) or [upload a file](#).

Enrollment ID
5879420

Compliance Documentation? ☒ Yes ☐ No

[ADD & VIEW DOCUMENTS](#) 0 document(s)

[BACK](#) [CANCEL ENROLLMENT](#) [SUBMIT](#)

Date	Details
02/20/2023 11:34	DG [Generator - Diesel] enrollment with capacity greater than 150.000000 (kW) requires document Gen Permit attached for [Z_CSRP_Workshop]
02/20/2023 11:34	DG [Generator - Diesel, Generator - Natural Gas] enrollment older than year 2000 requires documents PE Letter attached for [Auto DLM, CSRP, DLRP, Term DLM, Non-Wires Solutions, Test Event Notification, Z_Auto DLM_Workshop, Z_CSRP_Workshop, Z_DLRP_Workshop, Z_Term DLM_Workshop, Z_CSRP_Regression_January, Z_DLRP_Regression_J]

Did You Know? You can also click on the “Enrollment Status” hyperlink to see details of the documentation required.

3. Scroll down to the bottom of the Customer Enrollment display and click on “Add & View documents”.

Generator Permit – Expiration Date

Upload Document

Document Type:^{*}
Gen Permit ✓

Title:^{*}

Description:

Expiration Date:^{*}

☐ No Expiration

Upload Document
.pdf/doc/docx/xls/xlsx file only [Choose File](#)

CLEAR

SUBMIT

2025 DEC Emissions Regulation

Reminder: 6 NYCRR Part 222 takes effect on 5/1/2025

- New NOx, and emission test requirements
 - Listed in [Rider T of the Electric Tariff](#)
 - Deadlines and Testing requirements listed in [6 NYCRR Part 222](#)
- Demand Response team will request proof of compliance with new requirements at time of enrollment including:
 - Generator Permits
 - PE certified Emissions Test Report
 - PE certified NOx levels in compliance

Duplicate Enrollments

Duplicates will be addressed similar to previous years

- 1** Con Edison will notify when all aggregators who tried to sign up the same account number for the same program
- 2** Aggregators have 5 business days to confirmation when the customer signed up with them and we will honor the first aggregator the customer signed up with as long as the customer confirmed after **March 1st 2025**

This can be overruled if a customer reaches out asking specifically to be enrolled with one aggregator over another

WebSmartView Enhancements

Three Major changes to functionality in WebSmartView

1. Notes

To discuss certain pending review statuses

2. Lookup Tool

To help identify certain troubles an aggregator might have while enrolling a customer

3. Needs Action

To help see what enrollments needs action from aggregators for the enrollment to be approved

WebSmartView Enhancements

Notes – WebSmartView

Notes functionality in WebSmartView to help communicate issues with enrollments

Con Edison

- High Demand Check
- Value Stack
- Rider R

Aggregator


- Can ask questions pertaining to any individual enrollment

WebSmartView Enhancements

Notes – WebSmartView

Customer Enrollment Summary

Review current electric customers and enroll new ones.
To view the location of current enrollments, select the [geospatial map](#).

Filtered By:  Status Completed X Asset Type Battery - Lead Acid,Battery - Lithium Ion,CHP -... X Date: Date Range (05/01/2024 - 12/01/2024) X

Enrollme... ID	Network	Account Number	Program	Payment Option	Baseline	Asset Type	Weekday... Reductio...	Weeken... Reductio...	Enrollment Status	Start Date	Notes	Sub Aggrega Number ↓	Nameplat Capacity (
			DLRP	Reserva...	Weather Adjusted	CHP - Internal Combust... Engine	10	3	Completed	5/1/2024	Notes	3	75
			CSRP	Reserva...	Weather Adjusted	CHP - Internal Combust...	10	—	Completed	5/1/2024	Notes	3	75

Page 1 of 2

Displaying 1 - 20 of 25

NEW ENTRY

NEEDS ACTION (0)

NOTES

WebSmartView Enhancements

Notes – WebSmartView

Enter Agreement Note

Asset ID

Account Number

Agreement Status

Completed

Add Note(Maximum 100 characters)

Notes:

No Data found

SUBMIT

WebSmartView Enhancements

Notes – WebSmartView

AgreementID

Aggregator

Account Number

Business Name

Agreement Name

External☒

Notes:

Pledge is over 50 percent the historical peak

Enter

Hide Note History

Refresh

Close

External Note Updated by I

Pledge?


at 02/06/2025 10:37AM

WebSmartView Enhancements





Notes – WebSmartView

Customer Enrollment Summary





Review current electric customers and enroll new ones.
To view the location of current enrollments, select the [geospatial map](#).

Filtered By: 

Date:



Enrollme... ID	Asset ID	Customer Name	Network	Account Number	Program	Payment Option	Baseline	Asset Type	Weekday... Reductio...	Weeken... Reductio...	Sub Aggr... Number	Vintage Y...	Enrollment Status
					Z_CSRP...	Reserva...	Average Day	Curtailm...	30	—			Active
					Z_DLRP...	Reserva...	Average Day	Curtailm...	40	20			Active

 | Page 1 of 2018 |  | Displaying 1 - 20 of 40344

NEW ENTRY

NEEDS ACTION (52)

UNREAD NOTES (1)

WebSmartView Enhancements

Notes – WebSmartView

Customer Enrollment Summary

Review current electric customers and enroll new ones.
To view the location of current enrollments, select the [geospatial map](#).

Filtered By:

Notes Unread X

 Date: Date Range (01/01/2025 - 12/31/2025) X

Enrollme... ID	Asset ID	Customer Name	Network	Account Number	Program	Payment Option	Baseline	Asset
					Z_CSRP...	Reserva...	Average Day	Curta

NEW ENTRY

Filtering Options X

Payment Option

Notes

Unread

Network

Customer

Enrollment ID

Asset ID

RESET




SAVE





WebSmartView Enhancements

Notes – WebSmartView





Customer Enrollment Summary

Review current electric customers and enroll new ones.
To view the location of current enrollments, select the [geospatial map](#).

Filtered By:  Notes Unread  Date: Date Range (01/01/2025 - 12/31/2025) 



Asset ID	Customer Name	Network	Account Number	Program	Payment Option	Baseline	Asset Type	Weekday... Reductio...	Weeken... Reductio...	Sub Aggr... Number	Vintage Y...	Enrollment Status	Notes
				Z_CSRP...	Reserva...	Average Day	Curtailm...	10	—			Pending Review	Notes

 | Page **1** of 1 |  | Displaying 1 - 1 of 1

NEW ENTRY

NEEDS ACTION (52)

UNREAD NOTES (1)

WebSmartView Enhancements

Notes – WebSmartView

Enter Agreement Note

Asset ID

Account Number

Agreement Status

Completed

Add Note(Maximum 100 characters)

New Pledge of 2.5kW

Notes:

DRMS Admin 2/6/2025 10:41:32 AM Pledge is over 50 percent the historical peak

2/6/2025 10:37:20 AM Pledge?




SUBMIT





WebSmartView Enhancements

Notes – WebSmartView





Customer Enrollment Summary

Review current electric customers and enroll new ones.
To view the location of current enrollments, select the [geospatial map](#).

Filtered By:  Notes Unread  Date: Date Range (01/01/2025 - 12/31/2025) 



Asset ID	Customer Name	Network	Account Number	Program	Payment Option	Baseline	Asset Type	Weekday... Reductio...	Weeken... Reductio...	Sub Aggr... Number	Vintage Y...	Enrollment Status	Notes
				Z_CSRP...	Reserva...	Average Day	Curtailm...	10	—			Pending Review	Notes

 Page **1** of 1  Displaying 1 - 1 of 1

NEW ENTRY

NEEDS ACTION (52)

NOTES

WebSmartView Enhancements

Lookup Tool – WebSmartView

3 new lookup tool functionalities

Duplicate Status

- Accounts already in the enrollment process

Rider R Status

- Accounts have the special bill indicator that they are under Rider R
- This will trigger a *Value Stack Check*, customer needs to be enrolled as reservation and needs to opt out of LSRV and DRV payments, this is a one-time decision so previous opt outs are checked manually
- Voluntary enrollments are not allowed to be under Rider R and the enrollment will be rejected

BYOT Status

- The customer must opt out of BYOT in order to be enrolled in Rider T or Rider AC

WebSmartView Enhancements

Lookup Tool – WebSmartView

Look Up Account

Review your electric account results [here](#).

Electric Account Number	Legacy Account Number	Account Status	Network	CSRP Call Window	DLRP Tier	Meter Info	Enrolled in RiderR	Enrolled in BYOT	Status
		Active	Jamaica	4:00PM - 8:00PM	Tier 2	AMI Com...	No	No	⚠ This account is already enrolled in Demand Response
		Active	Flatbush	4:00PM - 8:00PM	Tier 1	AMI Com...	Yes	No	✅ Success
		Active	Midtown ...	2:00PM - 6:00PM	Tier 1	AMI Com...	No	Yes	✅ Success
		Active	Williamsb...	2:00PM - 6:00PM	Tier 2	AMI Com...	No	No	✅ Success

[LOOK UP ANOTHER ACCOUNT](#)

WebSmartView Enhancements

Needs Action – WebSmartView

Duplicate Status

- Duplicate Enrollments that are enrolled under another aggregator
- Terms of Service agreement date and/or customer confirmation of which aggregator the customer would like to participate with

Documentation Required

- Generator Permits/PE Letters
 - You will be required to enter the permit expiration date when uploading the permit
 - If no expiration date is listed on the permit, please check No Expiration

WebSmartView Enhancements

Needs Action – WebSmartView

Customer Enrollment Summary

Review current electric customers and enroll new ones.
To view the location of current enrollments, select the [geospatial map](#).

Filtered By:

Status Duplicate, Documentation Required

Date: Date Range (01/01/2025 - 12/31/2025)

Enrollme... ID	Asset ID	Customer Name	Network	Account Number	Program	Payment Option	Baseline	Asset Type	Weekday... Reductio...	Weeken... Reductio...	Sub Aggr... Number	Vintage Y...	Enrollment Status	No
					Z_CSRP...	Reserva...	Average Day	Curtailm...	10	—			Duplicate	N
					Z_CSRP...	Reserva...	Average Day	Curtailm...	10	—			Duplicate	N
					Z_CSRP...	Reserva...	Average	Curtailm...	10	—			Duplicate	N

Page 1 of 3 | Displaying 1 - 20 of 50

NEW ENTRY

NEEDS ACTION (50)

NOTES

Please Note:

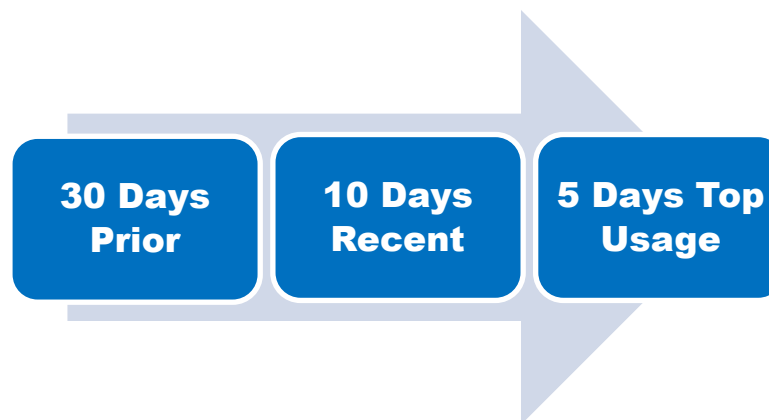
- Enrollments must occur annually for every account in every program
 - Update to year-round enrollments pending PSC order
- All enrollments are subject to a review process to ensure eligibility
 - Please look out for emails from the DR Team that may contain important information or require action
- Pledge values must be limited to **two decimal places** to maintain consistency
- CESIR study and PTO letter must be provided for all battery enrollments (send to DemandResponse@coned.com)
- See **Section 3.7** of the [SUR Program Guidelines](#) for information on DEC Permit and PE Letter requirements when participating using generators
 - Submit to the Portal as soon as the enrollment status is “Documentation Required” (up to 15 minutes after enrollment submission)

Settlements Walkthrough



Customer Baseline

A baseline of normal usage needs to be established to determine how much load was reduced during a Demand Response Event.



The CBL hours are calculated by averaging the measured load interval meter data for each of the event hours on the CBL days.

$$\text{Hourly Reduced Load} = \text{Customer Baseline Load} - \text{Event Measured Load}$$

Rider T (CSRP & DLRP) Payment Options

Reservation

- Receive payments **once per month** during the capability period
 - May + June + July + August + September
- Receive **reservation** and **performance** payments

Voluntary

- Receive a **one-time** payment once the capability period ends
 - May + June + July + August + September
- Receive **performance** payments only

Rider AC (Auto & Term DLM) Payment Option

- Receive a **one-time** payment once the capability period ends
 - May + June + July + August + September
- Receive **reservation** and **performance** payments
- Reservation rates are established through a RFP

Rider T Reservation & Voluntary Payment Formulas

Reservation

Total Monthly Payment = Reservation Payments + Performance Payments + Payment Adjustments

- Reservation Payments = Pledge Value x Monthly Performance Factor x Reservation Rate
- Performance Payments = Load Relief Provided(kWh) x Performance Payment Rate

Voluntary

Seasonal Performance Payment = one time performance payment for the capability period

- Performance Payments = Load Relief Provided(kWh) x Performance Payment Rate

Rider AC Payment Formulas

Reservation Payment

Portfolio Quantity (kW) x Incentive Rate (\$/kW) x Average Season Performance Factor

Performance Payment

Aggregation Load Relief in kWh across all events x \$1 per kWh

Rider T & Rider AC Reservation and Performance Rates

Program	Enrollment Location	Reservation Rate	Performance Rate per kWh reduced
CSRP	Staten Island and Westchester	\$6 / kW pledged / month 5 or more \$11	<ul style="list-style-type: none"> • Planned: Reservation \$1 vs. Voluntary \$3 • Unplanned: Reservation \$6 vs. Voluntary \$10 • Test: Reservation \$1 vs. Voluntary \$0 /kwh reduced
	Brooklyn, Bronx, Manhattan, Queens	\$18 / kW pledged / month 5 or more \$23	
DLRP	Tier 1	\$18 / kW pledged / month 5 or more \$23	<ul style="list-style-type: none"> • Contingency: Reservation \$1 vs. Voluntary \$3 • Immediate: Reservation \$1 vs. Voluntary \$3 • Test: Reservation \$1 vs. Voluntary \$0 /kWh reduced
	Tier 2	\$25 / kW pledged / month 5 or more \$30	
AUTO-DLM	Not Applicable	Confidential Bid Prices	<ul style="list-style-type: none"> • \$1 /kWh • Test: \$1 /kWh
TERM-DLM	Not Applicable	Confidential Bid Prices	<ul style="list-style-type: none"> • \$1 /kWh • Test: \$1 /kWh

Rider T: Event and Monthly Performance Factors

Performance Factor = relief provided / pledge

The performance factor used for the monthly reservation payment calculation is the **average of the event performance factors in the month.**

DLRP Events	Event Performance Factors
1	1
2	.50
3	.25
	$1+.50+.25 = 1.75$
Monthly Performance Factor	$1.75/3 = .58$

Rider AC: Event, Adjusted, and Average Season Performance Factors

Event Performance Factor

Sum of Load Relief provided by customers in an Aggregation / Portfolio Quantity

Adjusted Performance Factor

Program	Event Performance Factor	Adjusted Performance Factor
Term-DLM	$\geq .80$	= Event Performance Factor
	$< .80$	= Event Performance Factor $-(.80 - \text{Event PF})$
Auto-DLM	$\geq .90$	= Event Performance Factor
	$< .90$	= Event Performance Factor $-(.90 - \text{Event PF})$

Rider AC Seasonal Calculation Information

Term Event	Event Performance Factor	Adjusted Performance Factor	Average Season Performance Factor
Event 1	1.00	1.00	N/A
Event 2	0.70	0.60 .70-(.80-.70)	N/A
Event 3	0.30	-0.20 .30-(.80-.30)	Last Event of Season
Season PF			$1.00 + .60 + -.20 = 1.40$ $1.40 / 3 \text{ Events} = 0.4666$ Rounded to .47

Rider AC Performance Factors

Average Season Performance Factor

Average of all Adjusted Performance Factors for Events held during a Capability Period



Data Governance



2024 Data

Meter Detail Discrepancies

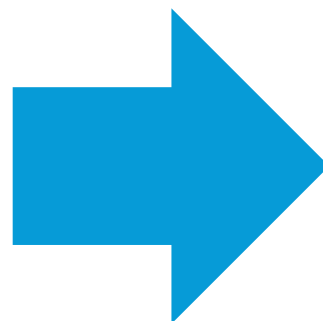
- Incorrectly communicated meter attributes
- Inactive / ineligible meters

Interval Data Inconsistency

- Gaps in interval meter data
- Meter data not available in Share My Data

Account Information Mismatches

- Customer account status and networks discrepancies



- Significant manual effort from Operations and Settlements teams
- Accurate performance data reported on time
- Accurate settlements data calculated and distributed
- 98% Successful performance calculations (~170,000 records)

Data Issues

Mitigation and Next Steps

Data Taskforce

- Internal workgroup comprised of data platform owners and end users
- Refine data governance processes

Active Data Monitoring

- Actively compare data being communicated between internal platforms
- Identify and correct data during enrollment periods and earlier in season
- Increased communication channels with external stakeholders
 - And between our aggregators and their enrollees

Grid of the Future



Grid of the Future Proceeding

Proceeding Objective

Unlock innovation and **investment to deploy flexible resources** – such as distributed energy resources and virtual power plants – to achieve clean energy goals at a **manageable cost** and at the highest level of **reliability**

Requirements for DPS Staff

- **Phase 1:** Grid Flexibility Study (complete)
- **Phase 2:** 1st Grid of the Future Plan, focused on 2025 DSIP recommendations (due February 28, 2025)
- **Phase 3:** 2nd Grid of the Future Plan (due December 31, 2025)

Thank you!

demandresponse@coned.com
coned.com/dr

