



Transportation Electrification

April 2025



Supporting EV Adoption on Long Island

Long Island has **one of the highest EV adoption rates in NY**, and PSEG Long Island customers can benefit by offering charging to their customers, employees, and visitors – made easier with our available programs:



Apartment communities and HOAs can **increase their property value and attract new residents** to their community by offering charging.



Retail spaces and restaurants can attract customers to their premises and **incentivize them to spend more time onsite**, increasing profitability.



Commercial offices, educational institutions, hospitality and services can use EV charging as an additional amenity for their customers and employees, **improving customer experience** and potentially even **supporting talent acquisition and retention** efforts.

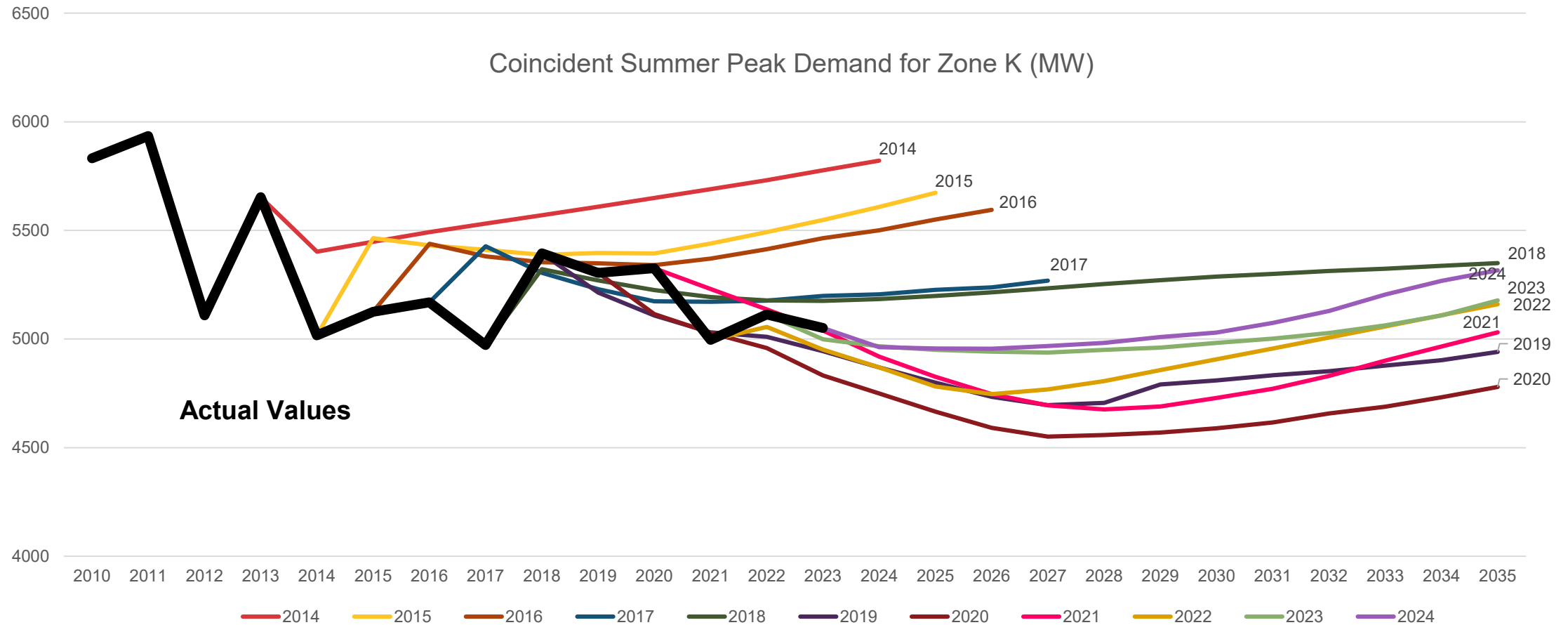


Public facilities can use EV charging as a way to demonstrate commitment to **clean energy transition** while generating **additional revenue for the community**.

Preparing the Grid for the Influx of EV's

As part of PSEG Long Island's mission, our goal is to provide our Long Island and Rockaway customers with best-in-class reliability. As we see more customers adopt electric vehicles, PSEG Long Island is planning for how much power is needed for EVs to ensure there is ample infrastructure in place.

The chart below represents the peak demand that occurs on Long Island in the summer. Each year, demand has decreased as customers adopt more energy efficient appliances, adopt renewable energy sources, and shift their energy usage to off-peak hours (e.g. EV Charging). We anticipate an increase in energy usage as more electrification occurs, which PSEG Long Island accounts for in its load forecasting



EV & Charging Basics

Charging Basics



Level 1



- Approximately 8-20+ hours to charge an EV
- Port Types: J1772, NACS
- Uses ordinary household standard outlet (120V)

Level 2



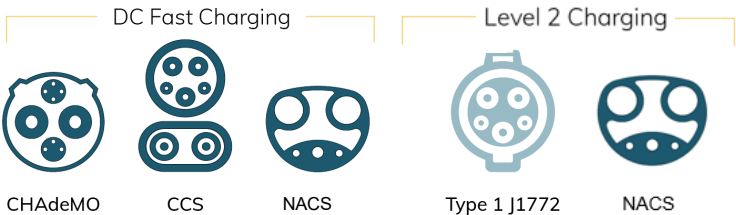
- Approximately 4-8 hours to charge an EV
- Port Types: J1772, NACS
- 208-240V; similar to an electric dryer or oven

Direct Current Fast Charger (DCFC)



- Approximately <20 minutes for an 80% charge
- Port Types: CCS, NACS, ChAdeMO
- Three-Phase 480V

4 Types of Connectors



EV Basics



Battery Electric Vehicles (BEV)

- Can use Level 1, Level 2 or DCFC
- Solely rely on batteries and have no engine



Plug-In Hybrid Electric Vehicles (PHEV)

- Can only use Level 1 or Level 2
- Have a combination of batteries to drive on electric and an engine as backup



Hybrid Electric Vehicles

- These do not plug into anything
- Has a small battery and an engine with the battery primarily used for stop-and-go traffic and improved fuel efficiency

New York State Goals

There are many efforts underway in New York State to help promote the adoption of EVs in the Empire State

Advanced Clean Cars II (ACCI) Rule

Legislation has been adopted for the ACCII rule which sets a statutory goal for all new light-duty vehicles (LDV) sold in NY to be zero emissions by 2035 [Click [here](#) to learn more]

Advanced Clean Trucks (ACT) rule

The ACT rule sets a statutory goal for all new medium-and-heavy duty vehicles (MHDV) sold in NY to be zero emissions by 2045 [Click [here](#) to learn more]

Electric School Buses

New York State's fiscal year 2022-2023 budget established a nation-leading commitment for all new school buses purchased to be zero emission by 2027 and all school buses in operation to be electric by 2035. [Click [here](#) to learn more]



PSEG Long Island EV Programs & Resources

EV Make Ready Program

PSEG Long Island offers incentives to install chargers at workplace, public space, and multi-family communities

Overview: Support the installation of EV chargers across Long Island where residents live and work. Incentives available to customers to offset their charging installation costs, reduce concerns of range anxiety, and plan & deploy grid infrastructure so it is right-sized for the amount of power needed to support charging stations

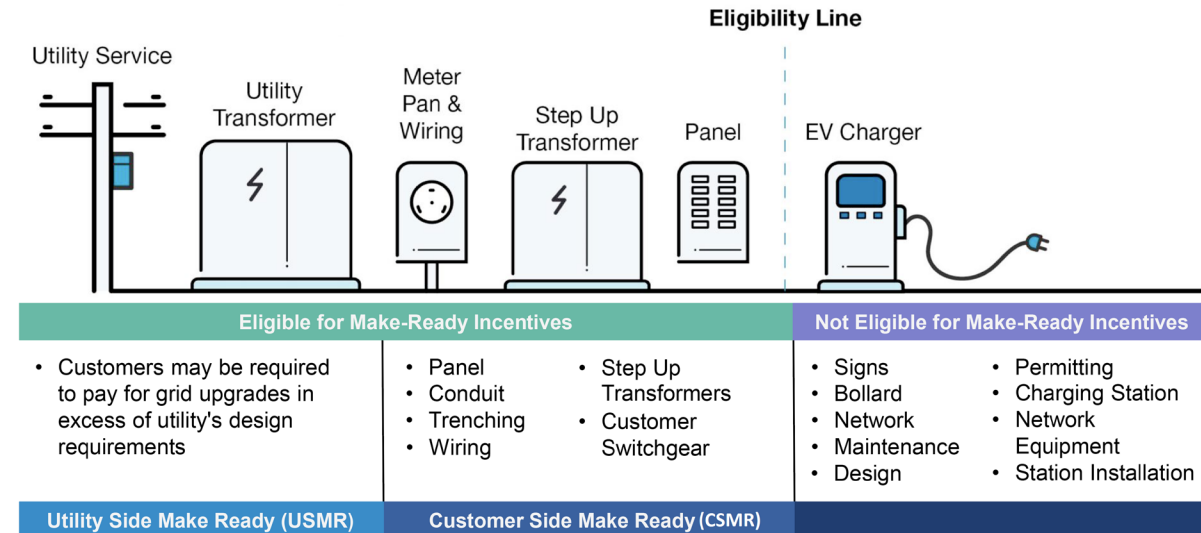
Incentives:

- Up to **\$370,000** to install DC Fast Chargers
 - An extra \$10,000 per port installed over 6 ports
- Up to **\$30,000** to install Level 2 Chargers
 - An extra \$1,000 per port installed over 6 ports

How to Apply:

Website: www.psegliny.com/evmakeready

Email: PSEG-LI-EVMakeReady@pseg.com



DCFC Incentive Program

PSEG Long Island offers demand charge relief for public DC Fast Chargers

Overview: PSEG Long Island’s Direct Current Fast Charger (DCFC) Incentive program offers operating cost relief in the form of incentives for the demand charges found on the electric bill. Qualified customers can receive up to 50% of their demand charges in the form of a rebate check.

Available Incentives: All new applicants are eligible for the 50% demand charge relief incentive. The PSEG Long Island EV Team will calculate what your demand charges were over the time period and issue a check for 50% of your cumulative demand charges once all requirements are met.

DCFC Incentive Program Example				
Time Period	Actual Demand Charges	Rate Class	DCR	Eligible Incentive
04/10/2025 - 09/30/2025	\$80,000	Rate 285	50%	\$40,000
04/10/2025 - 12/31/2025	\$60,000	Rate 281	50%	\$30,000

Note: A new commercial tariff (EV Phase-In Rate) will be made available for eligible commercial customers who have electric vehicle charging stations and fleets in October 2025. A dedicated webpage for the EV Phase-In Rate will be published later this year. For Rate 285 customers, the DCFC Incentive Program will be available to them until the EV Phase-In Rate goes live. For Rate 281 customers, the DCFC Incentive Program will be available until Dec 2026, when the EV Phase-In Rate is made available to these customers.

How to Apply:

Website: <https://www.psegliny.com/saveenergyandmoney/GreenEnergy/EV/DCFC>

Email: PSEG-LI-DCFC@pseg.com



Fleet Make Ready Program

PSEG Long Island offers incentives to install chargers to support fleet electrification

Overview: Support fleet electrification here on Long Island. Incentives available to customers to offset their charging installation costs, reduce concerns of range anxiety, and plan & deploy grid infrastructure so it is right-sized for the amount of power needed to support charging stations

Incentives:

- Up to **\$200,000** for Public Transportation customers
 - Includes public transit, shuttle, and school bus operators
- Up to **\$50,000** for Public Fleet customers
 - Includes local government, municipality, not-for-profit, and public schools/universities

How to Apply:

Website: <https://www.psegliny.com/saveenergyandmoney/GreenEnergy/EV/FleetMR>

Email: PSEG-LI-EVFleet@pseg.com



Fleet Advisory Services



PSEG Long Island offers the following services for free, available to both Public and Private fleet customers

Overview: Complimentary service for all fleet operators on Long Island to understand the potential costs, savings, available incentives, best times to charge for their vehicle fleet(s), and how to work with the utility to get necessary service. We can assist you with:

- Site and Fleet Assessment
- Rate Comparison; Identify best time to charge fleet(s)
- Bill impact and cost savings
- GHG reductions
- Eligible Program Incentives
- Act as the liaison between the fleet customer and the Utility to help them on their electrification journey and how to get started

How to Apply: Our dedicated staff are available to speak with you and the fleet operator via zoom, in-person or over the phone.

Website: <https://www.psegliny.com/saveenergyandmoney/GreenEnergy/EV/FleetServices>

Email: PSEG-LI-EVFleet@pseg.com



Residential Charger Rebate Program



All PSEG Long Island **residential customers** are **eligible** to participate in the program if they purchase **Level 2 ENERGY STAR** chargers.



The program offers a **\$200 rebate** for all customers.



Low-income customers (Household Assistance Program) and those customers who are located in Disadvantaged Communities (DAC) are eligible for **an additional \$100**, bringing their total rebate to **\$300**.

How to Apply:

Website: <https://www.psegliny.com/saveenergyandmoney/greenenergy/ev/chargerrebate>

Email: PSEGLongIslandEVli@pseg.com



Time-of-Day Rates & Electric Vehicles

Time-of-Day rates charge different prices to use electricity depending on the time of day, **offering residential customers more control over their energy costs** compared to the flat rate.



Customers can **save money with a few small changes**, like programming appliances and EVs that consume a lot of energy before 3 PM and after 7 PM every weekday. This means customers have **20 hours every weekday, and all day on weekends and federal holidays, to save!**



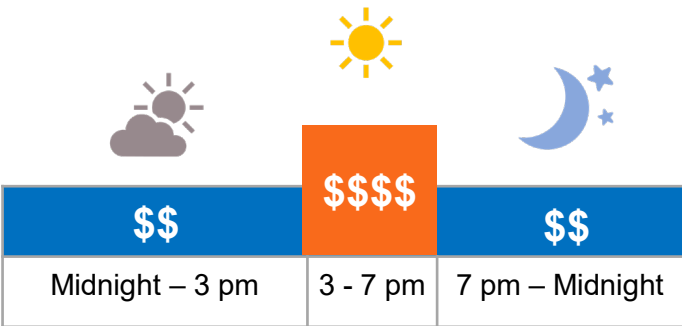
EV owners will see **instant savings** on all Time-of-Day rates by charging outside of Peak hours.



On the Super Off-Peak rate, the overnight period (10 PM to 6 AM) is discounted 40% compared to the flat rate. **If customers charge their EV overnight, they'll save 40% compared to charging on flat rate.**

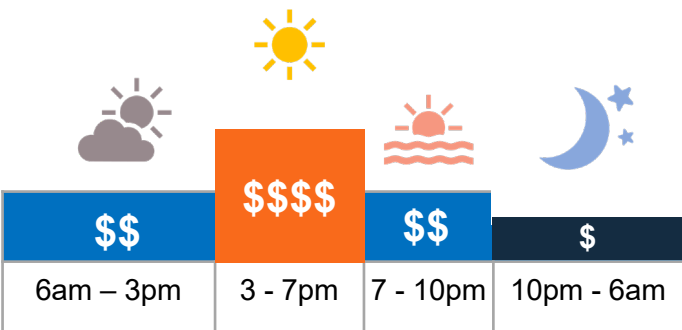
Learn how EV owners can save with Time-of-Day here:
psegliny.com/TimeOfDay/TimeOfDayTips/EVcharging.

Time-of-Day Rate 194: Off-Peak Standard Residential Rate



No Peak hours on weekends & federal holidays:
All hours are Off-Peak

Time-of-Day Rate 195: Super Off-Peak 3-period option



No Peak hours on weekends & federal holidays:
Super Off-Peak 10 pm–6 am; Off-Peak at all other times

EV Partner Program

Sign up today to become an EV Partner!

Customers are seeking knowledgeable contractors who are familiar with our Transportation Electrification programs to help them install EV chargers

There are many benefits to becoming an EV Partner:

1. Have your business listed on the PSEG Long Island website to promote your services to customers
2. Co-branding offering (PSEG Long Island logo)
3. Access to Partner Portal to submit and monitor your projects

How to Apply:

Website: <https://www.psegliny.com/saveenergyandmoney/greenenergy/ev/contractors>

Email: PSEGLongIslandEVli@pseg.com



Hosting Capacity Map

Provides available capacity to interconnect:

- Electric Vehicle Charging Stations
- Solar
- Energy Storage

Must request access in order to view the maps; Access approval is granted on an individual basis

These maps are updated on a quarterly basis and may not reflect the latest available information provided to the utility (if other service requests are submitted)

Hosting Capacity Map

Scan or click [here](#) to learn more



Get Started!

To learn more about our programs, visit:

<https://www.psegliny.com/saveenergyandmoney/GreenEnergy/EV>

