

# Clean Energy Future: Electric Vehicles



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- PSE&G's electric vehicle program is designed to avoid 14 million metric tons of carbon emissions through 2035 and help the state achieve its emission reduction goals.

- The program is expected to create approximately 408 direct and indirect jobs.

- The EV program is designed to increase consumer awareness and address the higher upfront cost of EV charging equipment and gaps in public charging coverage.

- Usage data from the programs will help PSE&G better understand the impact that large-scale EV charging could have on the electric grid.

## Electric vehicles can provide big benefits for New Jersey

Electrifying more of New Jersey's transportation sector provides the greatest opportunity to improve the state's air quality since 42 percent of the state's greenhouse gas emissions come from motor vehicles. Reducing these transportation emissions is key to achieving New Jersey's environmental policy goals.

There are fewer electric vehicles (EVs) on the road in New Jersey than many other states, in part because of a lack of charging infrastructure.

PSE&G received approval to invest \$166 million over an expected six years to build out New Jersey's EV charging infrastructure, which will have wide-ranging customer and societal benefits. It will also put New Jersey on track to become a front-runner in transportation electrification.

The EV program is designed to support the deployment of EV chargers across a wide range of customers and sectors.

- **Residential Smart Charging:** PSE&G will provide rebates for the in-home installation cost and service upgrades to install EV chargers at about 40,000 residences in PSE&G's electric service territory and provide customer incentives to encourage charging during off-peak periods;
- **Level 2 Mixed-Use Charging:** PSE&G will deploy infrastructure service upgrades and provide funding to make multifamily buildings, government facilities and publicly accessible parking lots charger ready.

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- **Public DC Fast Charging:** PSE&G will deploy infrastructure service upgrades and provide funding to make locations along high-traffic corridors ready for chargers designed to fill an EV battery to 80% in 10 to 15 minutes. PSE&G also will provide financial incentives to offset electricity costs.

**42%** of **NJ's**  
**greenhouse**  
**gas emissions**  
come from **gas powered**  
**vehicles**

**PSE&G already is doing its part to support New Jersey's growing fleet of EVs**

PSE&G has taken a number of steps to help improve the EV charging infrastructure in the state and further spur the adoption of EVs by New Jersey residents.

an **electric mile** is  
**70%** cleaner  
than an **average**  
**mile** fueled  
by **gasoline**

#### **Since 2013, PSE&G has:**

- Partnered with BMW of North America and Nissan USA to offer PSE&G customers and employees substantial promotional incentives toward the purchase of an EV.
- Provided 145 chargers to more than 20 New Jersey hospitals, colleges and businesses in a pilot program to encourage EV commuting.
- Developed one of the largest EV employee incentive programs in the state, with 46 chargers at company locations.
- Partnered with EVgo to install fast-charging stations at five rest areas along the New Jersey Turnpike and Garden State Parkway.
- Joined ChargEVC, a not-for-profit coalition formed to identify programs and policies to accelerate EV growth in New Jersey.