

Clean Energy Future: Electric Vehicles



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- PSE&G's electric vehicle proposal would remove 16 million tons of carbon dioxide emissions through 2035 and help the state achieve its emission reduction goals.
- The proposal would create approximately 700 jobs.
- The proposed EV programs will 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.
- PSE&G will provide grants for school systems, including in urban areas, to purchase cleaner-running electric buses.

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 52 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 is proposing to spend \$364 million over 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 proposed programs will support the deployment of nearly 40,000 EV chargers across a wide range of customers and sectors.

- **Residential Smart Charging:** PSE&G will provide rebates to purchase and install EV chargers at 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 provide incentives to support charging equipment installations at places such as multifamily buildings, businesses, fleet facilities, municipal facilities and hotels/motels;
- **Public DC Fast Charging:** Recognizing the need for public EV charging, PSE&G will provide incentives toward the upfront

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cost of direct current (DC) chargers that will charge an EV in 30 minutes or less. PSE&G also will provide financial incentives to offset electricity costs.

- **Vehicle Innovation:** PSE&G will provide grants and incentives for electric school buses and EV charging infrastructure at school districts in PSE&G's service territory. This program helps create cleaner air, healthier kids and more predictable and reduced school transportation costs. PSE&G also will help fund electrification projects at customer locations such as ports, airports and transit facilities.

52% 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 already 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 ChargeEVC, a not-for-profit coalition formed to identify programs and policies to accelerate EV growth in New Jersey.