

# WHY AN ELECTRIC VEHICLE MIGHT BE RIGHT FOR YOU

**Fuel Savings:** The cost to “fill your tank” with an EV is cheaper than gas, and the price of electricity is far more stable than gas prices. This equates to a savings of up to 70% on fueling costs<sup>1</sup>.

**Maintenance Savings:** EVs have half as many moving parts compared to traditional internal combustion engine vehicles, meaning less stuff that can wear down or break. No oil changes necessary and less overall maintenance means more money in your pocket<sup>2</sup>.

**Convenience:** Most EV drivers charge their vehicles at home overnight. Without needing to stop at the gas station, EV drivers wake up each morning to a car fully fueled and ready to go.

**Driving Experience:** EVs offer a quiet, smooth, and powerful ride, providing full torque from a standstill and completely changing the experience of getting onto a fast-moving highway.

**Environmental Benefits:** EVs produce no tailpipe emissions, which helps to reduce air pollution and protect sensitive populations such as children and the elderly. Every mile driven with an EV in New Jersey is 70%-80% cleaner than a gasoline-fueled mile.



## ADDITIONAL RESOURCES FOR ELECTRIC VEHICLE DRIVERS

**For additional information:**  
**Visit:** [NJCleanEnergy.com/EV](http://NJCleanEnergy.com/EV)  
**Call:** 866-NJSMART

**Charge Up New Jersey**  
Electric Vehicle Incentive Program  
[chargeup.njcleanenergy.com](http://chargeup.njcleanenergy.com)

**NJ Department of Environmental Protection**  
Drive Green: [www.drivegreen.nj.gov](http://www.drivegreen.nj.gov)

**U.S. Department of Energy**  
Vehicle Cost Calculator  
[afdc.energy.gov/calc](http://afdc.energy.gov/calc)

**Drive Change. Drive Electric**  
General Electric Vehicle Information  
[driveelectricus.com](http://driveelectricus.com)

**Internal Revenue Service - Federal Tax Credit**  
Visit [irs.gov](http://irs.gov) and search “IRC 30D” for more information.

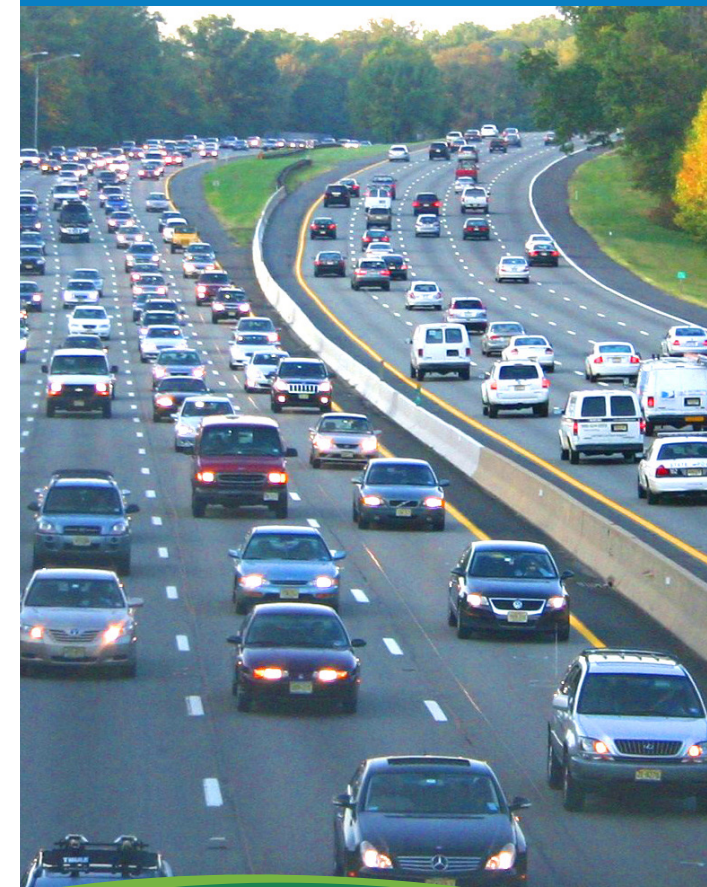
**E-ZPass New Jersey**  
Green Pass Discount: [www.ezpassnj.com](http://www.ezpassnj.com)

New Jersey’s Clean Energy Program is a statewide program administered by the New Jersey Board of Public Utilities that promotes energy efficiency and renewable energy for all New Jersey ratepayers, including residences, businesses, schools, and municipalities. For more information on incentives for clean energy and energy-efficient technologies for your home or business, please visit: [NJCleanEnergy.com](http://NJCleanEnergy.com).

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## ELECTRIC VEHICLES



## ELECTRIC VEHICLE INCENTIVES

**Charge Up New Jersey**– the country's largest cash-on-the-hood incentive program designed to encourage adoption of light-duty electric vehicles. This program offers an incentive directly at the point of sale or lease of new, eligible electric vehicles, as well as an incentive for at home chargers. Vehicles with an MSRP under \$45,000 are eligible for incentives of up to \$4,000 and vehicles with an MSRP between \$45,000 and \$55,000 are eligible for incentives of up to \$1,500. The home charger program offers a \$250 rebate for the purchase of an eligible residential charger.

**Multi-Unit Dwelling (MUD) EV Charger Incentive Program**– this program strives to increase equitable access to EV charging by providing funding for Level-Two chargers for residents and guests at apartments, condominiums or mixed residential locations that feature a minimum of five units and have dedicated off-street parking. Awards available under the program include \$4,000 toward the purchase of a Level-Two EV charging station and \$6,000 toward the purchase of a Level-Two EV charging station for an MUD located in an Overburdened Municipality or a 100% deed restricted low and moderate income housing development.

**EV Tourism Incentive Program**– this program provides funding for Level-Two chargers and DCFC at New Jersey tourism locations, such as boardwalks, downtowns, parks, overnight lodging establishments, and other unique attractions. Awards available under the program include up to \$5,000 for an eligible Level-Two charger, up to the cost of the charger, and up to \$50,000 for a DCFCs, up to the cost of the charger.

**Clean Fleet EV Incentive Program**– this program provides funding for non-profit organizations, local and state government entities, such as local schools, municipal commissions, state commissions, state universities, community colleges, municipalities, counties, etc. to acquire electric fleet vehicles and to install chargers. Awards available under this program include \$4,000 towards the purchase of light-duty battery electric vehicles (BEV), \$10,000 for a Class 2b- 6 BEV, up to \$5,000 grants for public Level-Two chargers, and up to \$4,000 grants toward the purchase of a fleet Level-Two EV charging station(s). Direct Current Fast Chargers (DCFC) are eligible for up to \$50,000. Make-Ready incentives for Level-Two fleet chargers are also available for up to \$5,000 and up to \$50,000 for DCFC fleet chargers. Overburdened Municipalities may also receive a 50% bonus.

**Utility Programs**– Certain EV charging stations that receive electric utility service from New Jersey Utilities may be eligible for additional electric vehicle charging incentives directly from the utility. Utility incentives may include Make-Ready costs (wiring up to the charger) for residential, public, workplace and multi-unit dwellings. Utility programs can be stacked with federal and state incentives to cover up to 90% of the total cost of the project.

**All chargers funded by BPU must be on a Pre-Qualified Network and dual-port, Level 2 chargers must be Energy Star Certified.**

**Additional information as well as all applications regarding the Board of Public Utilities' EV and charger programs can be found at:**

<https://njcleanenergy.com/ev>

## CHARGING AN ELECTRIC VEHICLE

Charging an EV can be as simple as plugging it in overnight at home. If you need a charge on the road, there are a variety of apps to help you find a charging station. Check with your utility to find out about incentives for residential chargers.

**Level One:** Most EVs will come with their own Level One charging cord that can plug into any standard 120-volt outlet. The EV will gain 3 to 5 miles of range per hour while plugged in.

**Level Two:** Most EV owners choose to install a 240-volt Level Two (L2) charger, which utilizes about the same amount of electricity as an electric clothes dryer. L2 chargers can deliver 20 to 25 miles of range per hour and are ideal for charging at home, since drivers can wake up to a full battery each morning. Costs for a residential charger run between \$300-\$1,000 depending on your equipment and installation needs. Smart chargers allow EV drivers to plug in when they get home, but only begin charging at night when electric rates may be lower.

**Direct Current Fast Chargers (DCFC):** DCFC are high-powered chargers typically used on highways during long distance travel. DCFCs can provide 125 miles of driving range in about 20 minutes.