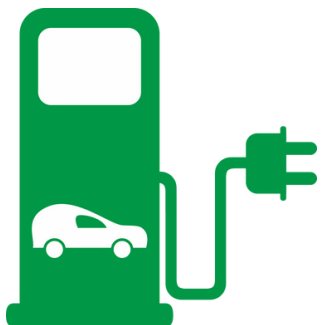


Electric Vehicle Information



Reduce pollution: consider an electric vehicle!

TWO MAIN TYPES OF VEHICLES

HYBRID: (PLUG OR NON-PLUG) RUNS ON A BATTERY, BUT ALSO USES A GAS ENGINE WHEN NEEDED

WHAT'S THE DIFFERENCE BETWEEN PLUG AND NON-PLUG?

THE PLUG IN OPTION USES LESS GAS!



ALL ELECTRIC: USES ONLY ITS ELECTRIC MOTOR FOR POWER, NO GAS!

What happens if my charge runs out?

- Hybrids begin to use gas
- Electric cars can run 200-300 miles on full battery



Charging stations are listed on the website: www.AFDC.energy.gov

100 miles charge in 30 minutes!

NJ IS WORKING TOWARDS ADVANCING EV INFRASTRUCTURE!

NJ created a new EV law with the goal to get 100% clean energy by 2050!

The new law adds monetary incentives for buying an EV, creates more public charging stations, and plans for state vehicles to be electric.

What's the cost?

According to NJ.gov



- Higher cost to purchase an EV up-front, but less maintenance costs over the life of the car
- Fewer moving parts to repair
- No oil changes



ESTIMATING THE COST OF OWNERSHIP OVER 10 YEARS

2020 Nissan LEAF S PLUS		2020 Nissan Altima S	
\$38,200.00	MSRP:	\$24,100.00	
\$2,530.75	Tax:	\$1,596.63	
\$5,194.83	Fuel:	\$9,671.64	
\$1,809.00	Maintenance:	\$3,022.25	
Federal Tax Credit: -\$7,500* Charge Up NJ Rebate: -\$5,000 NJ Sale's Tax Exemption: -\$2,530.75	Incentives:	\$0.00	
\$32,703.83	Total:	\$38,390.52	

*The Federal Tax Credit is determined by the size of the battery. Please consult the federal tax code for details. Charge Up NJ Rebate information can be found at <https://chargeup.njcleanenergy.com/>. MSRP was taken from the manufacturers' websites. Tax was calculated by multiplying the MSRP by NJ Sale's Tax or 6.625%. Fuel price was based on 10 years at 12,000 miles a year, June 2019 average gas price of \$2.70 per gallon, and average electricity prices for the State. Maintenance costs were estimated by the average costs for routine maintenance. The NJDEP is not recommending or endorsing one vehicle over another.