

ELECTRIC VEHICLES

THE RIDE OF THE FUTURE



Now More than Ever

Electric Vehicle sales are *rapidly rising* in the U.S.

3x more energy efficient than gasoline-powered vehicles

save \$1,000

EV owners often save more than \$1,000 per year on fuel costs



nearly 20,000 charging stations

with 51,000 outlets across the U.S. and many more coming.



Drive from San Diego to New York in an electric vehicle.

Apps help locate nearby charging stations.

Here for the Perks

Some utilities offer side-by-side comparison apps

Nissan LEAF
MSRP before savings:
\$30,000



Toyota Camry
MSRP before savings:
\$25,000

federal tax credit: \$7,500

state tax credit*

state HOV lane access*

free access to toll roads*

free parking*

yearly registration fee discount*

*availability varies by state



federal tax credit: \$0

state tax credit: \$0

limited HOV lane access

no cost savings on toll roads

no parking savings

no registration fee discount

Some utilities offer electric rate plans for **low-cost charging at home.**



Your Grandkids Will Thank You

Vehicle Emissions

(measured in pounds)

Gasoline Vehicles

11,435 lbs

Electric Vehicles

4,455 lbs

Electric vehicles emit 2.5x less air pollutants and greenhouse gases.

Full Speed Ahead

While at one time electric vehicle options were limited, now prospective buyers can find abundant options at every price point.

Best sellers:

• Tesla • Nissan • Chevrolet

Other options:

• Volvo • Toyota • Mitsubishi • Land Rover
• Hyundai • Jaguar • Kia • Many more



Newer EV models now have an average full-charge range over 200 miles.

Most Americans, even those living in more rural areas, drive only between 35 - 50 miles a day.



Learn more about electric vehicles:
WhatIsSmartGrid.org