



WITH

GOING GREEN

ELECTRIC VEHICLES

1. EV Market Growth

The market for electric vehicles has seen significant growth. In 2022, there were over 2.4 million EVs in the US, up from 572,600 in 2018. By 2035, about 45% of new car sales in the US could be electric.



6.7%

of new car sales in 2022 were electric.



31%

of the nation's total energy-related CO2 emissions came from the US electric power sector.

2. US Energy Consumption

The transportation industry was responsible for about 27% of total energy consumption in the US in 2022.

3. CO2 Emissions from Electricity

Greenhouse gas emissions due to electricity used to charge EVs vary based on the primary energy sources. From 2016 to 2020, the average CO2 emitted to produce electricity in the US fell by 18%.

43



states and the District of Columbia, reported reduced carbon intensity in power generation between 2016 and 2020.

3

FREE TOOLS TO LEARN ABOUT YOUR ENERGY USAGE

ENERGY SAVER TRANSPORTATION GUIDE

Use this guide when shopping for a new fuel-efficient vehicle to make informed choices.

EPA POWER PROFILER

Calculate the tailpipe and upstream emissions associated with driving a specific EV model and year.

EMISSIONS CALCULATOR

Enter your zip code to learn how clean the energy you use at home is. Understand the emissions based on your region's electricity generation.

