

What are the types of electric vehicles?

Explore the CalMatters Race to Zero series by reporters Nadia Lopez, Julie Cart and Erica Yee at cal.news/California-EVs

BATTERY ELECTRIC VEHICLES (BEV)



Electric vehicles that run on electricity alone. They are powered by one or more electric motors and a battery. The battery is charged by plugging the vehicle into an electric power source and through regenerative braking.

PLUG-IN HYBRID ELECTRIC VEHICLE (PHEV)



Vehicles that can travel moderate distances on electricity but also can be fueled with gasoline. The battery can be charged by plugging into an electric power source, through regenerative braking, and by the engine. PHEVs don't have to be plugged in before driving.

What is California's zero-emission car mandate?



In August 2022, California adopted a mandate that requires 68% of 2030 cars and 100% of 2035 cars sold in the state to be zero-emissions.

The goal? To clean up air pollution and reduce greenhouse gas emissions by phasing out gasoline-powered cars and putting more vehicles powered by electricity and other clean technologies on California's roads.

Visit CalMatters resource library to find info on Electric Car Rebates and Subsidies

Have a question about EVs in California? Send it here: cal.news/EV-questions or mention @CalMatters and use the hashtag #CalMattersforLearning on social.

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