

ELECTRIC VEHICLES (EVs)

MYTH vs. FACT



Myth: EVs are more expensive than gas-powered vehicles.



Price differences continue to shrink. EVs cost more at first, but owners can **save \$6,000-\$12,000** over time in fuel and maintenance. Tax credits, rebates, and a growing number of used cars can also lower the cost.

Myth: EVs aren't better for the environment than gas-powered cars.



EVs produce **zero** tailpipe emissions and **less greenhouse gases**, even when powered by coal-generated electricity.

Myth: EVs lack range, and there are limited charging stations.



New EVs average **250 miles** per charge, with some reaching **400**. The U.S. has over **200,000 charging locations**, including over **160** in Orange County!

Myth: EVs are more prone to catching on fire and pose safety concerns.



EV fires are **less common** than fires in gas cars. Although EV fires are harder to extinguish, EVs undergo **additional safety testing**.

Myth: Charging EVs is time-consuming and impractical.



EVs can fully charge overnight. With fast charging stations, you can charge up to **80% in about 30 minutes** and sometimes over 200 miles in 15 minutes.

Myth: EVs lack performance and offer limited options.



EVs are fun, smooth and quiet to drive - their instant acceleration makes them the best well-rounded cars in the industry. With around **150 models available**, there is an EV for any lifestyle.

Sources are listed here: orangecountync.gov/3548/42862/