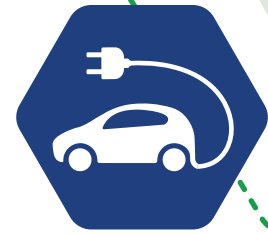


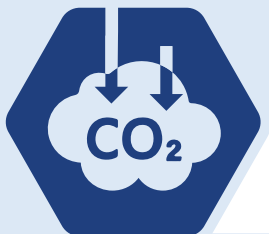
MYTH vs. FACT

ELECTRIC VEHICLES (EVs)



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

FACT: While some EVs may have higher upfront costs, they can actually save you money in the long term when compared to gas-powered vehicles. Thanks to reduced fuel and maintenance needs, EV owners can **save \$6,000 to \$10,000** over the lifetime of their car.



MYTH: EVs are not better for the environment because they still use electricity produced by greenhouse gas-emitting fossil fuels.

FACT: Even accounting for emissions from electricity production, the typical EV still **creates fewer greenhouse gases** than the average gas-powered car.¹



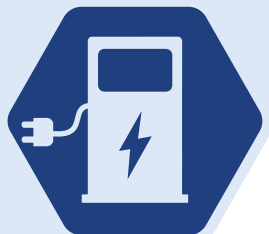
MYTH: You can't go very far in an EV without having to charge it.

FACT: Most EVs **can go about 200 miles** on a fully charged battery.² In fact, the median driving range for battery EVs is about **250 miles!**³ That's farther than the driving distance between DC and New York City.



MYTH: EV batteries have short lifespans.

FACT: EV batteries can **last 12 to 15 years** in temperate climates and eight to 12 years in harsher climates. EV batteries are also covered under **warranty for at least eight years.**⁴



MYTH: There are no EV charging stations in my area.

FACT: As of November 2021, Fairfax County has **nearly 200 publicly available EV charging stations!**⁵



MYTH: EVs only benefit those who can afford them.

FACT: EVs **have NO tailpipe emissions**, so you and everyone around you can breathe easier.⁶ They improve local air quality, which is good for everyone in our community.

1, 2, 6 www.epa.gov/greenvehicles/electric-vehicle-myths#Myth1

3 www.energy.gov/eere/vehicles/articles/fotw-1167-january-4-2021-median-driving-range-all-electric-vehicles-tops-250

4 www.fairfaxcounty.gov/environment-energy-coordination

5 www.electrek.co/2021/11/15/best-and-worst-counties-for-ev-charging-in-the-us/#h-the-interactive-map

For more information,
visit bit.ly/3QwQEt6