Electric Vehicle (EV) Myths

MYTH: **EVs don't have enough range, and there are not enough chargers.**
Many EVs have a range of 200+ miles per charge, far beyond what a driver travels in a daily commute, and most EV owners charge at home. Apps like Plugshare can help you find one of thousands of chargers on the road.

MYTH: **EVs aren't environmentally friendly, and batteries can't be recycled.**
EVs are more energy efficient than gas powered vehicles, and recycling programs are already in place to handle discarded and old batteries.

MYTH: **More EVs will impact the grid and cause more outages.**
EVs don't lower demand during peak hours. Most EV charging happens at night, during off-peak hours, putting energy to use during a time when there are relatively few other uses for it.

MYTH: **EVs take too long to charge.**
A DC fast charger station can bring a battery with a very low charge to 80% in as little as 20-30 minutes. If you deplete your battery on a road trip, these chargers give you time to take a break without cutting into your travel time.

MYTH: **EVs are unsafe. Batteries are unstable and will catch on fire.**
According to the National Transportation Safety Board and the Bureau of Transportation Statistics, EVs have far fewer vehicles fires (25 per 100,000) than gas cars (1,530 per 100,000).

MYTH: **EVs are slow like golf carts and run out of juice quickly.**
EVs of all types offer instant torque and fast acceleration. Many today have over 200 miles of range - more than ample to handle most daily driving needs.

MYTH: **EVs are too expensive and really won't save you any money.**
AAA has found that EVs offer some of the lowest operating costs per mile of any vehicles. Taking advantage of incentives can lower purchase costs.

MYTH: **EVs are only good for ideal climates.**
EVs work across all climates and drivers easily learn to manage their vehicles in extreme heat and cold, just like traditional cars.

For more information about EVs, visit:

Missouri

Illinois

SCAN ME

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