**Electric Vehicle Fact Sheet**

**Benefits of Driving an Electric Vehicle (EV)**

* A gas-powered vehicle averages 22.5 mpg traveling 12,000 miles annually. Calculating using an average fuel cost of $3.75/gallon, a gas-powered vehicle’s average annual fuel cost totals $2,000.
* A hybrid vehicle averages 35 mpg traveling 12,000 miles annually. Calculating using an average fuel cost of $3.75/gallon, a hybrid vehicle’s average annual fuel cost totals $1285.
* An all-electric vehicle averages 3.5 mi/kWh traveling 12,000 miles annually. Calculating using an average fuel cost of $0.12/kWh (home charging), an all-electric vehicle’s average annual fuel cost totals $411. Calculating using an average fuel cost of $0.35/kWh (DC Fast Charging), an all-electric vehicle’s annual average fuel cost totals $1,200.

\*The actual annual fee costs can vary significantly depending on gasoline prices, driving behavior, and annual miles driven. However, this approach shows that all-electric vehicles have much lower fuel costs than conventional gasoline prices.

**Other Benefits of Going Electric**

* **Lower maintenance costs:** For EVs, very little reoccurring maintenance is required. There are also no oil changes, no changing spark plugs, no transmission issues, and virtually no brake issues due to regenerative brakes.
* **Electric vehicles last longer than gas vehicles:** With fewer moving parts, there are fewer components that break or need fixing in an EV.
* **Better for the environment:** EVs produce 54% less carbon pollution (over their lifetime) than internal combustion engine vehicles.

