



The ABCs of EVs

Electric vehicles (EVs) are...

Check out SACE's full Electric Transportation page [here](#).

A

Affordable

Lower fuel & maintenance costs.

Use the [ZETA calculator](#) to compare the fuel cost of driving an EV to its gas-powered equivalent in your state, or the [Coltura calculator](#) to track per-mile, monthly, and annual fuel & maintenance savings.

Drive a used EV.

Used electric vehicles are cheaper than comparable gas-powered vehicles. With more inventory than ever before, they deliver on consumer choice.

Lease an EV.

Get the benefit of the latest technology with lower upfront cost and long-term commitment, worry less about depreciation, and get more affordable monthly payments.

B

Better

Higher driver satisfaction.

94% of current EV owners say they “definitely will” (79%) or “probably will” (15%) consider an EV for their next purchase or lease.

Cleaner drive.

Gas-powered vehicles cause at least 2x as much emissions pollution over their lifetimes as EVs. Check out this state-specific [emissions calculator](#) to compare.

Longer battery life.

Research shows that modern EV batteries rarely fail and most last 15-20 years.

Safer drive.

Experts conclude that EVs are just as safe or safer than gas-powered vehicles and are less prone to fires and rollover crashes.

C

Convenient

Charge while you sleep.

80% of EV charging happens in the comfort of your home.

Electricity is everywhere.

An EV can even be plugged into a standard 120-volt outlet.

More chargers.

Public charging ports have more than doubled since 2020, and over 95% of the population lives in a county with at least one public station. [Find a one near you](#).

Greater range.

In the U.S., new EVs average almost 300 miles on one charge, and most EVs offer 250-400+ miles of range on a full charge. View [EPA range ratings](#) on all new EVs.



Southern Alliance for
Clean Energy