

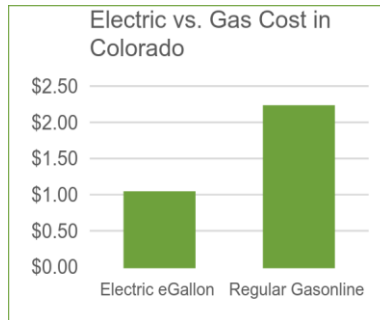
Thinking of an Electric Vehicle?

Close to 30% of greenhouse gases released into the atmosphere in the United States are from the transportation sector. The majority of these greenhouse gases are CO₂ emissions from gas combustion. The CO₂ emitted into the atmosphere is contributing to the global phenomenon of climate change. You can help change this! Fully electric vehicles emit zero tailpipe emissions, making them a greener choice. Every time you drive you can have a direct impact on the reduction of greenhouse gases and do your part for the earth. This guide will help you understand the different types of electric vehicles, their benefits, incentives, and resources available to you.



What is an Electric Vehicle (EV)?

An EV uses electricity that is stored in a battery to power an electric motor. Technology has come a long way since the first hybrid-electric cars of the early 2000s. Today many fully electric vehicles are available with driving ranges from 100-300 miles on a single charge. Improvements in technology and infrastructure are making EVs a practical reality for everyone. Plug-in Hybrid Electric Vehicles (PHEV) are still a good option for people who require longer driving ranges.



What Tax Incentives are Available to Me?

In the past, understanding the tax credit system for EVs has been a very complex process. This is no longer the case. On May 4th, 2016, Colorado legislation approved HB 1332. This bill sets a flat \$5,000 credit for the purchase of a light duty electric vehicle (EV). It also makes the credits assignable to a car dealer or finance company, which will effectively turn them into a point of sale incentive. Incentives for charging stations are also available throughout the state from the Colorado Energy Office (CEO) and the Regional Air Quality Council (RAQC) for the metro area. Go to CLEANAIRFLEETS.ORG for specific amounts and options. Federal tax incentives vary by vehicle type. They can be found at IRS.GOV.

What are some popular models to consider?

- 2016 BMW i3:** 137/111 Mpge city/hwy \$42,400
- 2016 Nissan Leaf:** 126/101 Mpge city/hwy \$29,010
- 2016 Tesla Model S AWD** 102/105 Mpge city/hwy \$92,950
- 2017 Chevy Bolt:** 128/110 Mpge city/hwy \$36,620



Helpful Resources

US Department of Energy cost calculator: WWW.AFDC.ENERGY.GOV/CALC/

Fuel economy information: FUELECONOMY.GOV

Flip for charging locations in Eagle County

Benefits of Electric Vehicles

1. Electric cars are less expensive to operate!

In Colorado the cost of driving an electric car is, on average, 50% less than a traditional fuel vehicle.

2. Electric cars are fast!

Unlike traditional gas cars that gain a lot of torque at higher RPMs, electric vehicles produce torque at very low RPMs, making them accelerate quickly.

3. Electric cars are quiet!

No engine means no engine noise. Batteries are quiet and provide a much more peaceful driving experience.

4. Less maintenance!

Fully electric vehicles naturally have less moving parts. Say goodbye to oil changes and engine care.

5. Electricity is abundant!

Gas and oil supplies will continue to decrease and prices will increase. Conversely, electricity can be generated from many sustainable sources like wind and solar, and will be around for generations to come.



Charging Locations in Eagle County



Vail

- Antlers at Vail
680 Lionshead Pl, Vail, CO 81657
- Arrabelle at Vail Square¹²
675 Lionshead Pl, Vail, CO 81657
- Lionshead parking structure*
395 S Frontage Rd W, Vail, CO 81657 ; Level 1
- Sonnenalp Hotel¹
20 Vail Rd, Vail, CO 81657
- Vail's Mountain Haus¹²
292 E Meadow Drive, Vail, CO 81657
- The Manor Vail Lodge¹²
595 Vail Valley Dr, Vail, CO 81657
- Vail Transportation center*
241 E Meadow Dr, Vail, CO 81657 ; Levels 1-3

Edwards

- Edwards Station [\$2/hr]
436 Edwards Access Rd, Edwards, CO 81632
- Colorado Mountain College [free]
150 Miller Ranch Rd, Edwards, CO 81632

Avon

- Walking Mountains Science Center [free]
318 Walking Mountains Lane, Avon CO 81620
- Park Hyatt Resort¹²
50 W Thomas Pl, Beaver Creek, CO 81620
- Ritz Carlton Bachelor Gulch¹²
130 Daybreak Ridge, Avon, CO 81620
- The Westin Riverfront Resort ¹²
218 Riverfront Ln, Avon, CO 81620

Eagle

- Eagle County Building [free]
500 Broadway St, Eagle, CO 81631

¹ Reserved for patrons only
² Tesla Supercharger
 (Tesla vehicles only)
 *Register at
<https://www.chargepoint.com/> to receive
 free charging at the Vail Transportation
 Center

**Check out these apps to find EV charging
 stations:** ChargePoint, PlugShare,
 CarStations Pro