

Fueling Station FAQ



How much does it cost to bring chargers to my location?

Project costs vary due to the number of chargers installed, installation location, and power availability but an average cost for an installed fast charger project that can serve cars simultaneously is around \$90,000 before any state, utility, or tax incentives. Your account representative can provide you with a detailed breakdown and available incentives for your specific project.

How much do drivers pay per charge?

Just like drivers pay f/gallon for gas EV drivers pay k/Wh for electricity. A typical charging session for drivers breaks down as follows: 0.45/kWh (avg electric price) x 45kWh (avg amount charged) = 20.25

How much do I make per charge?

While this can vary due to electricity rates and project costs a typical project makes \$0.15/kWh of profit. For an average charge of 45kWh this equates to \$6.75 per charge. Your account representative can provide you with a detailed breakdown for your specific project.

How do I get paid?

All charging revenue will be directly deposited into your bank account each quarter. Red E will provide monthly usage reports showing the number of chargers, kWh sold, and other key metrics as well as providing a login to directly view your chargers stats.

Who sets the pricing?

Red E continually monitors pricing in you area and sets pricing to maximize profit and drive traffic for your location.

How fast are the chargers?

Fast chargers can vary in speed from 25kW to 400kW. For fueling stations we recommend chargers no less than 75kW with a preferred speed of 120kW+. A 75kW charger would take an average car about 45min to charge where a 120kW charger would take less than 20min.

With the rate of change in technology, will these chargers be outdated in 5 years?

Just like your phone battery gets more efficient every year but your USB cable stays the same, the same is true for EV chargers. As vehicle batteries continue to improve so will their charging time using the same charger. That being said, our chargers are modular and easily/cheaply be upgradeable to higher power if/when vehicles are able to accept it. Most vehicles today can only accept a charge up to 120kW.

Who pays the electric bill?

Red E pays all electricity costs used by the chargers.

Is there any maintenance on fast chargers?

Yes, fast chargers do require maintenance and service. All chargers are continuously monitored by Red E and should a charger require service our nationwide team of technicians are instantly deployed all paid for by Red E.

How do drivers pay for a charge?

Drivers pay for charging just like they do for gas, by using card reader on the dispensers. We also have an app for drivers to make payments, an app is never required to start a charge.

How long does a project like this take?

A typical project takes on average 3-6months to complete, depending on existing power availability. The actual installation of the chargers themselves normally takes less than a week to complete.

Can all cars use these chargers?

All of our chargers are equipped with CCS connectors which is an industry standard compatible with all foreign and domestic brands with the exception of Tesla which has its own proprietary system. If desired or recommended for your location an adapter to accommodate Tesla's can be provided.