

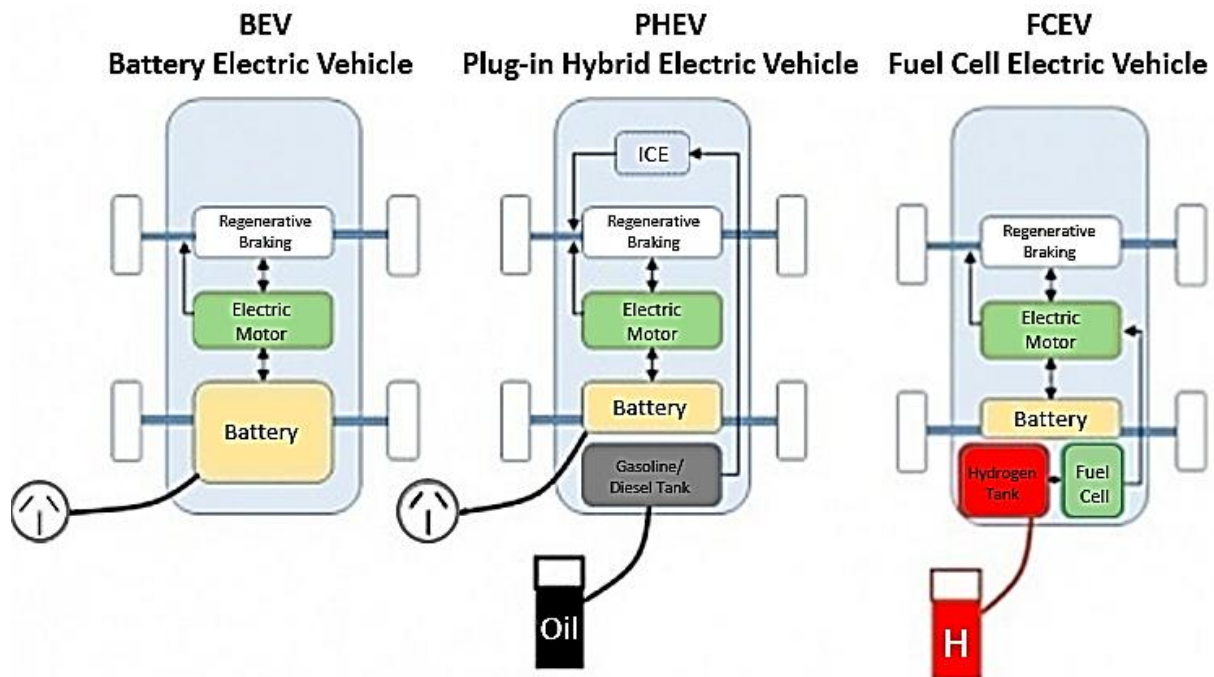


FAQs for Investing in EV Charging Infrastructure

If your property is located in the Town Center Community Improvement District (TCCID), the following questions and answers summarize how you can get started and important things you should consider when planning for Electric Vehicle (EV) charging infrastructure investment.

1. What is an EV and what type of EVs are available?


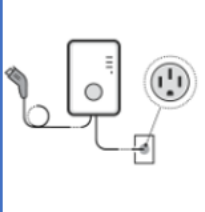
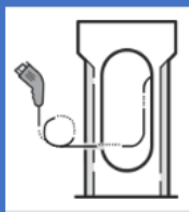



There are three (3) different types of EVs: Battery Electric Vehicle (BEVs), Plug-in Hybrid Electric Vehicles (PHEVs), and Fuel Cell Electric Vehicles (FCEVs). The figure below shows the basics of EV technology for each EV type.



2. What type of charging stations are available and how long does it take to charge an EV?

There are three (3) different types of EV charging: Level 1 – best for homes, Level 2 – best for work and multifamily, and DC Fast Charging (DCFC) for public charging and retail.



| Charging Options | Level 1 (120V) | Level 2 (240V) | Direct-Current Fast Charging (DCFC) |
|---|---|--|---|
| Charging Options |  |  |  |
| What does the charge port on the vehicle look like? |  J1772 Tesla Combo |  J1772 Tesla Combo |  CCS CHAdeMO Tesla Combo |
| How fast do they charge? | About 5 miles per 1 hour of charging* or 20+ hours for a full charge | About 25 miles per 1 hour of charging* or 5-6 hours for a full charge | 100 – 300+ miles per 30 minutes of charging or 15-45 minutes for a full charge |

Source: [Plug-in Electric Vehicle Charging: The Basics | US EPA](#)

3. How much space do I need to install a charging station?

A standard parking space is usually sufficient at 9 feet x 18 feet.

4. Is the charging station “open” 24 hours a day? Is it open to the public?

Charging station availability will be determined by the operating hours and access permissions of the site that is hosting it. For example, a charger at a gas station may be open 24 hours a day, whereas a charger at an office space may only be accessible during standard office hours. Likewise, public access can be determined by the site host.

5. Do I set the fee for my own charging station?

Yes, many services allow the owner to set a fee to ensure that they both recoup cost and make a profit for providing this service. Additionally, EV charging could be provided as an amenity to customers as a form of benefit or incentive.

There are Charging-as-a-Service (CaaS) models where the vendor will own and operate the charging infrastructure on behalf of the site host for a fee. In this case, the owner may not have total flexibility on pricing.

6. Who do I contact at Cobb County to move forward with installing charging stations?

Cobb County Community Development (<https://www.cobbcounty.org/community-development>)
1150 Powder Springs St, Ste 400
Marietta, GA 30064
comdev@cobbcounty.org

7. Who is my utility (electricity) provider and what do I need from them?

Your utility provider would be one of the following companies: Georgia Power, Cobb EMC, or Marietta Power. Refer to your utility bill to find contact information for your provider and consult them for information about EV charging stations.

8. Are there full service vendors who can take care of the entire process of design and engineering, permitting and construction, and operation and maintenance of EV charging stations for me?

Yes. ChargePoint, EVgo, and Blink Charging are some of the well-known full service vendors. Local vendors such as EnviroSpark Energy can provide in-person site visits for initial consulting and electrical assessment.

The following chart is a comprehensive approach to investment decision making.

