

Plug Hub API Capstone

What it does:

Help users locate electric car-charging stations geographically using the NREL API with Google Maps.

How it works:

1. User opens app and sees a map of their location (if they allow geolocation) or the map of USA in the map View
2. They can enter their address or just zip code and hit search and the map View refreshes with EV Charging Station markers in the default (10 mile) radius.
3. They can also choose to filter the search results by
 - Distance (default 10 mile)
 - Connector Type (default is all)
 - Network (default is all)
 - Charging Level (default is all)
4. **Nice to Have feature (depending on time)**: They could also Plan a Trip by entering a To address and a From address.
5. **Nice to Have feature (depending on time)**: User can list out all stations marked on map, in order of nearest to farthest.