

Phase 2: Identify what is possible now

Step 4

Plan out charging infrastructure

Things to do

- Decide where your vehicles will charge (e.g., at the depot, in the field, or at employees' homes [typically light-duty vehicles only]).
- Work with your utility to determine if your site currently has enough energy infrastructure to support the increased demand and how to accommodate the increased demand if new infrastructure is necessary.
 - Speak with your utility about how on-site solar or managed charging and storage could minimize or remove the need for a utility grid buildout plan.
- Begin planning how vehicle charging can be optimized.
 - Fueling vehicles with gas or diesel was a daily errand, but charging will require a paradigm shift and must be planned out. Additionally, some number of fast chargers will be critical for maintaining business operations.
- Do a final calculation of the amount of energy your fleet will require from the electric grid. It's critical to get this right (see the Step 4 resources for guidance).
- Talk with your utility about the interconnection process and their timing and requirements.
- Check if any of the changes to your site or energy infrastructure will require permits from the city. Gather information about the timelines and requirements for any necessary permits.