Xcel Energy®

GET STARTED GUIDE

# New service for electric vehicle charging

A step-by-step guide to installing electric vehicle (EV) chargers in public or commercial locations

# Let's get started

**If Xcel Energy is your electric service provider and you want to install electric vehicle (EV) charging stations, we want to help you get started.**

## Do you need to contact us?

**YES**

When the capacity of your service panel is being increased.

**YES**

When a new service is needed.

**NO**

When installation requires less than 25 kW on an existing 3-phase service.

# Project planning

## Preliminary considerations for public and commercial EV charging

**Select a site**
Is this charging installation for employees, visitors/customers, and/or the general public?


**Plan your site**
Find out more about typical site plans, accessibility requirements, signage and other considerations.

**Calculate costs**
Determine installation costs, electric prices and charging fees.


**To provide the most efficient assistance during the process, please have ready the information you have gathered to-date that is helpful for our teams to know and for you to understand:**

- ☑ Premise address of the potential charging location.
- ☑ Site host/location partner (if any).
- ☑ Reviewed department permits/codes such as electrical connection, civil engineering, ADA compliance, safety amenities.
- ☑ Reviewed Xcel Energy's electric pricing options, service requirements and extension policies for the charging service, which can be found on our website at **xcelenergy.com**.
- ☑ Estimate of the financial components of the installation.

# How to connect

**Here are the steps to follow as you install EV chargers at your identified location.**

**Planning**

**Step 1** Learn about the rules and guidelines for the system you are interested in connecting.

**Step 2** Review our tools including a hosting capacity map, pre-application data, and publicly available queues. These resources can be helpful to review prior to submitting a full interconnection application, especially for larger installations that may have grid impacts such as EV fast chargers.

**Step 3** Understand what your state, local, and utility specific requirements and permits are.

**Application**

**Step 4** Submit a new service application via the FastApp found at our Start Service web page **xcelenergy.com/StartService**. After submission, your proposal will go through a technical review and, if needed, we will perform a detailed engineering study of your project and provide an interconnection agreement along with any estimates for grid upgrades.

For questions, call the Builder's Call Line at **800.628.2121**.

**Design**

**Step 5** Based on the design, Xcel Energy will provide a cost estimate to upgrade any equipment (if needed) to provide power to the fast charger(s). An Xcel Energy planner will be assigned to the project.

- The planner will facilitate engineering design planning and creation of the construction contract.
- Xcel Energy engineers review the energy needs and design a solution for that location. Each project is different based on how much energy is being used at each location.
- Keep in mind, the cost is largely determined based on that location's existing equipment. For one ~50 kW DCFC, the cost typically ranges from $0 to $50,000 (multiple DCFC at one site could be more). Most level 1 and level 2 charging projects range between $0 to $10,000.

**Payment**

**Step 6** If the design and cost proposal works for you, you will need to sign an agreement and make the payment to proceed. This process could take one to six weeks.

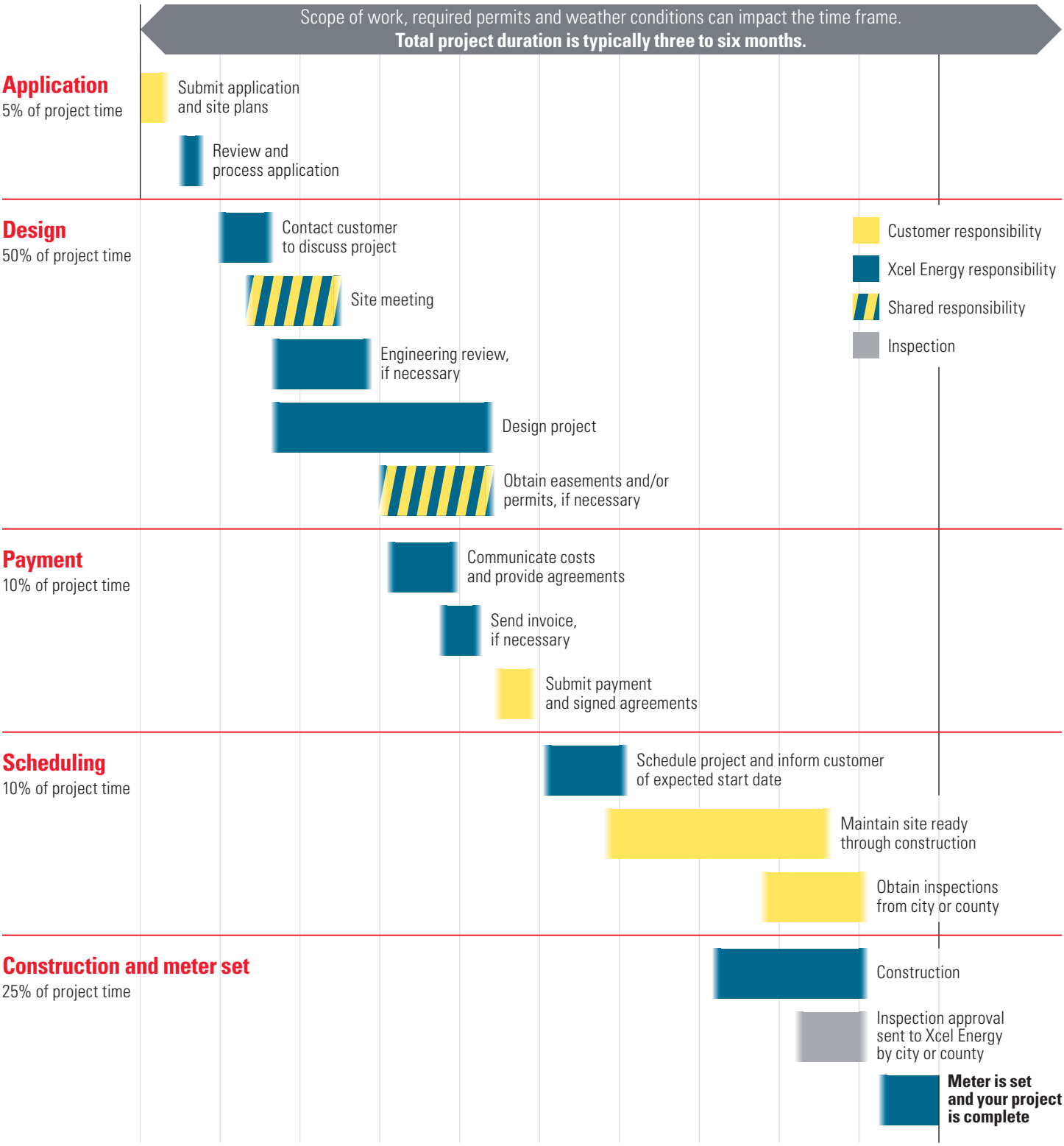
**Scheduling**

**Step 7** After your proposal is approved and all contracts are signed, we will coordinate the build of any facilities within our system, if necessary, and work with you and your contractors to successfully witness test and energize your system. Finally, this work ends with a permission to operate letter from us to the generator owner.

**Construction**

**Step 8** The project is entered into our project queue, and an Xcel Energy project manager will be assigned. This project manager will coordinate any scheduling to open transformer cabinets, make any necessary distribution upgrades, metering installation, or other basic work. This could take one to six weeks.

# Timeline for installing and connecting service



# WE'RE HERE TO HELP

Email our EV team with specific information regarding our electric vehicle options at **RepoweringTransportation@xcelenergy.com**. An Xcel Energy representative can discuss potential costs of electricity and generally be your advocate during the process of installing EV chargers.

For more information about EV charging and clean energy options, visit **xcelenergy.com/EV**.

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