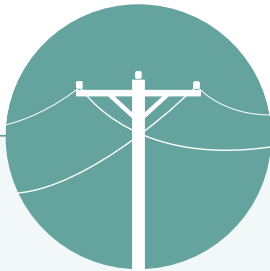


Connecting your large industrial or commercial development

What kind of service do you need?

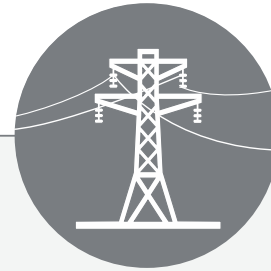
As you explore locating a large commercial or industrial development (> 3MW) within ENMAX Power's service area, you can use the information and resources below to assist in your decision making. Depending on the requested load and availability of electrical capacity in the location of interest, you could require service through either the distribution system or the transmission system.

Below is an outline of the requirements guiding connection to the electrical grid.



- > Service voltage 13.2 kV or 25 kV
- > Provided by **ENMAX Power**
- > Suitable for connecting development requiring 20 MW or less
- > Approx. 1 year for connection
- > Your site will be primary-metered service. More information here: [\(Primary-Metered-Service-FAQ.pdf \(enmax.com\)\)](#)

Distribution-Connected Service



- > Service voltage 138 kV or 240 kV
- > Provided through the **Alberta Electric System Operator (AESO)**
- > Suitable for connecting development requiring 20 MW or more
- > Approx. 2-4 years for connection and requires regulatory approvals from the Alberta Utilities Commission (AUC)

Transmission-Connected Service

Getting started

Connecting to the Distribution System

- > **STEP 1:** Explore Available Capacity using ENMAX Power's [Load Capacity Map](#)
- > **STEP 2:** Reach out to getconnected@enmax.com for a preliminary review & information sharing meeting (1 hr) with the following information:
 - What is the Maximum anticipated loading of the site (in kVa)?
 - Are there plans to stage the site development and ramp-up to full production?
 - What is your phase desired in-service date and/or phasing plans?
 - Based on your business operations do you require a source of back-up power (i.e. an alternate electrical supply)?
 - Will you require temporary construction power to the site?
 - Are you planning to install generation in conjunction with your project? If yes, what type and is the generation size equal to your requested load?
- > **STEP 2.5:** (As required) - Note that detailed pre-feasibility studies or a System Area Service Plan (SASP) may be recommended. This study would be at customer cost and requires approx. 3 months to complete.
- > **STEP 3:** When you are ready to begin a connection to the **distribution system**, please complete the first step to initiate a project with ENMAX Power by completing the [Service Request Form](#).

Connecting to the Transmission System

- > **STEP 1:** Explore Available Capacity using the AESO's [Transmission Capability Map](#).
- > **STEP 2:** Engage the AESO
 - Information on the AESO's connection process can be found here on their website at www.aeso.ca or by clicking here: <https://aeso.ca/grid/connecting-to-the-grid/cluster-assessments/>
- > **STEP 2.5:** (as required): ENMAX Power offers a service to perform a transmission feasibility Pre-SASR study prior to your AESO application should you so choose at customer cost and required approx.. 3 months to complete. Should you wish to begin a Pre-SASR study with ENMAX Power, please contact getconnected@enmax.com.
- > **STEP 2:** File a System Access Service Request with the AESO as per their connection process for connection to the **transmission system**.

Should you have any questions about ENMAX Power or electrical interconnection within the city of Calgary, please contact getconnected@enmax.com