

GRAY STREET SUBSTATION CAPACITY UPGRADE PROJECT

INFORMATION SHEET
COLORADO

May 2025



Xcel Energy is building a better, cleaner energy future by taking steps to create a smarter and stronger energy grid, for a more secure energy supply. This commitment includes updating infrastructure to meet current and future energy demands.

The existing Gray Street facility is located at Gray Street and 11th Avenue in Lakewood and has been in operation for the past several decades. The existing facility operates as a transmission switchyard with no distribution service to provide electricity to end users in the local area. Currently, electricity is provided to this local area of Lakewood from substations far from the area. This creates reliability issues and capacity limitations



Existing Footprint

Xcel Energy proposes to upgrade its Gray Street facility by converting the existing switchyard to an indoor, gas-insulated substation (GIS). The GIS substation will provide reliable electric service to the surrounding neighborhoods through a new distribution system.



Conceptual Footprint

Xcel Energy is asking the community to provide preferences on the appearance of the GIS equipment enclosure and masonry wall. We will be collecting comments through the end of May. Please see the website for more information.

Project Details

The upgraded Gray Street substation will:

- Provide additional system capacity
- Maintain adequate voltage to serve electrical demand
- Reliably serve local customers' electric needs as residential and commercial
- demand increases and increase power quality in the area around Gray Street
- Convert the existing open-air yard to a yard with an equipment enclosure

Project Schedule

Project Planning: 2022 - 2025

Permitting: 2025 - 2026

Construction: 2026 – 2029

In Service: 2029

(Schedule subject to change.)



Website: <https://xcelenergytransmission.com/projects/gray-street-substation/>
Phone: (303) 276-0659
Email: graystreet@xcelenergytransmission.com