



Avery Substation

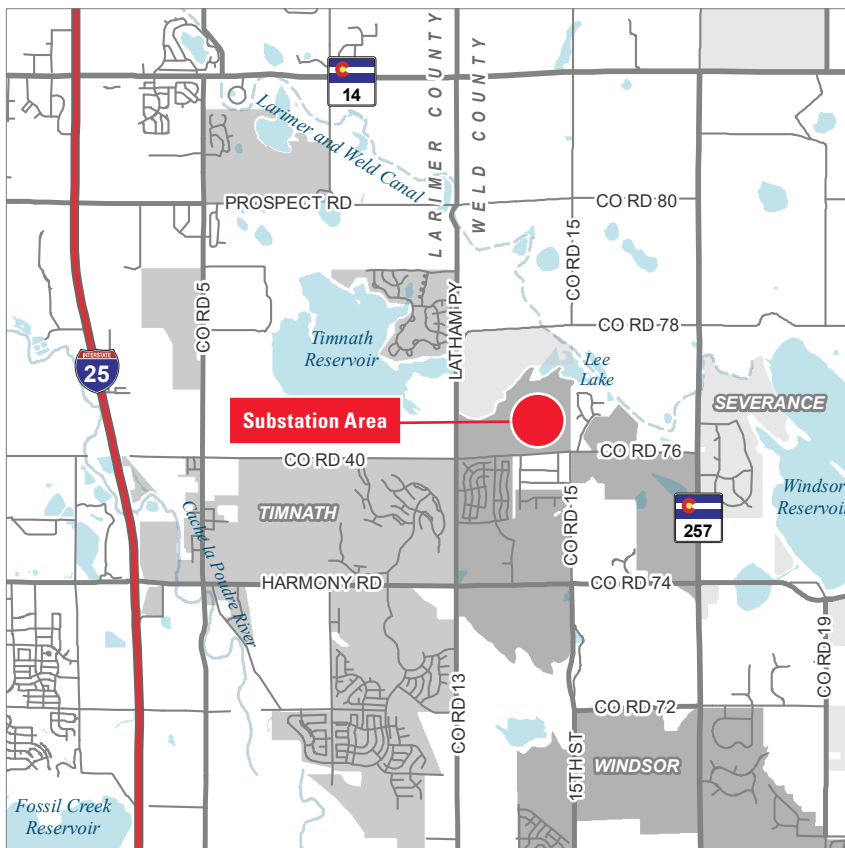
Project overview

The new Avery Substation will add capacity to deliver reliable, safe electric power to this fast-growing area of Northern Colorado, including Windsor and the surrounding communities. Proactive planning for current and future growth will help Xcel Energy reduce the risk of outages and meet the energy needs of homes and businesses for years to come.

The Avery Substation Project includes several components:

- A new electric substation located in the Town of Windsor
- 1.4 miles of overhead double-circuit 230,000-volt (230-kV) electric transmission line (0.5 miles in unincorporated Weld County, 0.4 miles in Town of Severance and 0.5 miles in Town of Windsor)
- New distribution lines and upgrades to existing distribution lines near Windsor, Severance, and Timnath

The proposed 1.5 mile 230-kV transmission line will interconnect with the existing Platte River Power Authority (PRPA) Timberline-Ault 230-kV transmission line. This connection will supply the proposed Avery Substation with electricity to power the distribution feeders serving surrounding communities. To meet the energy needs of this region, construction of the substation needs to start by the end of 2019.



Project history and anticipated schedule

- Project need identified, first public open house – 2012
- Second public open house – 2014
- Colorado Public Utilities Commission approved project – May 2015
- Third public open house – 2016
- Permit for portion of transmission line in Weld County approved – September 2018
- Windsor land use permitting process – December 2018 – Fall 2019
- Fourth public open house to review screening and landscaping options – July 2019
- Project construction start (subject to permit approvals) – Winter 2019
- Target in-service date – Spring 2021

Purpose and need

Northern Colorado, including Windsor and surrounding communities, has experienced unprecedented residential and commercial growth in recent years which has increased the demand for additional, reliable electricity. The system in this area, as it exists today, does not have the capability to reliably serve the additional demand anticipated for the future. Additional substation facilities are required to deliver electricity to the areas where energy needs are the greatest.

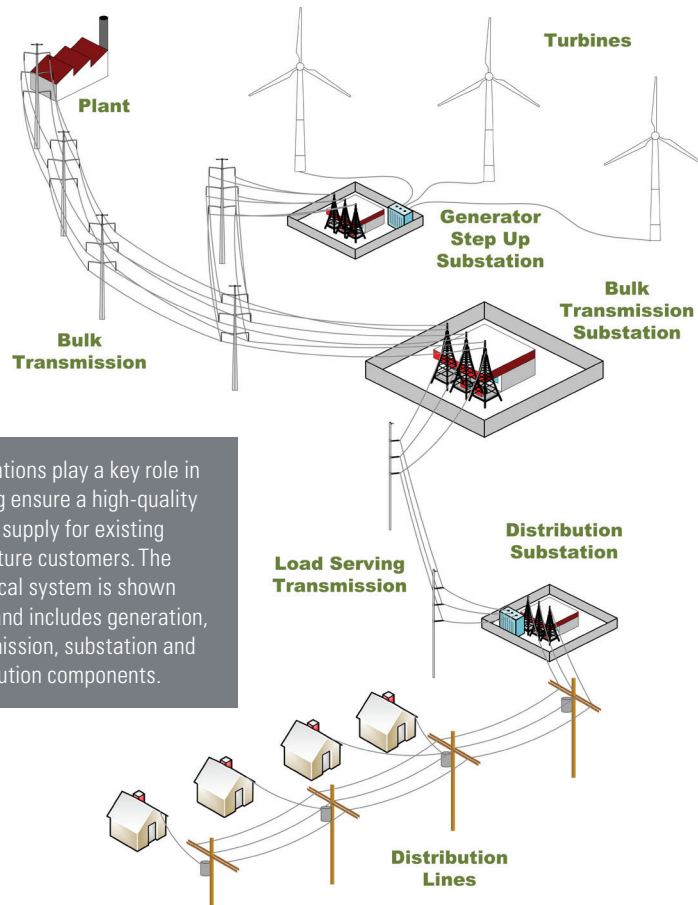
Our goal is to provide the safe, reliable electricity that you depend on every day. The new Avery Substation will deliver electricity to customers in Windsor and surrounding communities, and back up the existing Cobb Lake and Windsor Substations, which are reaching capacity.

To learn more visit

[xcelenergy.com/Avery](https://www.xcelenergy.com/Avery) or

contact us at **833.539.0506** or

info@XcelEnergyAverySubstation.com.



Substations play a key role in helping ensure a high-quality power supply for existing and future customers. The electrical system is shown here, and includes generation, transmission, substation and distribution components.