

# ALAMOSA TO ANTONITO

INFORMATION SHEET  
COLORADO

SPRING 2024 UPDATE



The Alamosa to Antonito Transmission Line Rebuild Project, announced in November 2021, involves replacing approximately 39 miles of a 60-year-old, 69-kilovolt (kV) transmission power line between the Alamosa Terminal and Antonito substations. The existing power line is critical to providing reliable service to customers and cannot be taken out of service while being replaced. For that reason, Xcel Energy initiated a study in the fall of 2021 to identify a new corridor that minimizes environmental and community impacts while meeting engineering and safety standards. The new line will be rebuilt to current design standards that will improve system reliability, meet customer energy needs now and into the future, and reduce wildfire risk. A Modified Proposed Route was presented to the public during a Summer 2023 open house series with the study completed later that Fall. On Jan. 25, 2024, Xcel Energy submitted a land use permit application to Alamosa County and will file an application to Conejos County at a later date.

## Project need

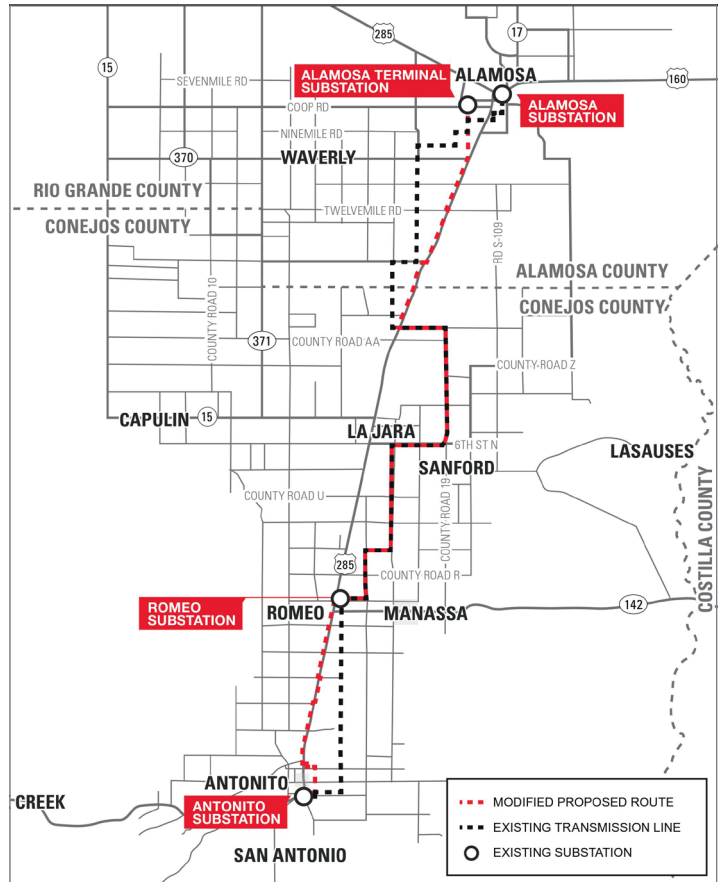
Due to natural weathering, lightning damage and unscheduled interruptions in service, the wood pole structures, equipment and components that were installed more than 60 years ago need to be replaced. The new infrastructure will more effectively meet current and future customer energy needs, improve overall electric service to homes and businesses in Alamosa and Conejos counties and mitigate fire risk from extreme weather events.

## Project description

The new line will be rebuilt to current design standards that will improve system reliability, meet customer energy needs now and into the future, and reduce wildfire risk. All structures from the existing 69 kV transmission line will be removed and rebuilt with new fire-resistant steel structures, new conductors and new optical ground wire (OPGW). The OPGW keeps our system smart by providing a communication channel to transport system performance data to aid in faster, more efficient response times if power is interrupted. The OPGW also aids as a grounding source for lightning during storms.

## ALAMOSA TO ANTONITO TRANSMISSION LINE REBUILD PROJECT

Routing study results – Modified Proposed Route



September 2021 -  
Spring 2023

2021- 2026

Fall 2023

Fall 2022 -  
Spring 2025

2024

2024 - 2026

2026

Transmission  
routing study

Public  
outreach

Preferred route  
selection

Surveying and  
easement  
procurement

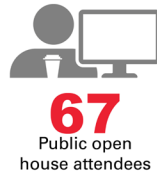
Permitting

Construction

In-Service

**ALAMOSA TO ANTONITO**

**Outreach by the numbers**



**Outreach**

Since fall 2021, Xcel Energy has been working with communities, landowners, and other stakeholders to identify and evaluate a range of transmission line route alternatives, which have been documented in a transmission line routing study. Routing criteria we evaluated includes existing land use, proximity to residences, wildlife species and critical habitat, archaeological and architectural resources, aesthetics/visual resources, and input received from the community during public open houses and meetings with landowners.

Learn more at [xcelenergy.com/AlamosaToAntonito](https://xcelenergy.com/AlamosaToAntonito)

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