

LEETSDALE-MONROE-ELATI

230-KV UNDERGROUND TRANSMISSION LINE REPLACEMENT

SEPTEMBER 2025

Project Details

- Replace and relocate existing underground 230-kV transmission line.
- Upgrade Leetsdale, Monroe and Elati substations.
- Decommission existing 230-kV transmission line in place after new line is energized.

Anticipated Schedule

(Schedule is subject to change.)



Project Planning
2023 - 2025



Permitting
2025 - 2026



Public Outreach
2025 - 2028



Pre-construction
2025 - 2026



Construction
Phase 1: 2025 - 2027
Phase 2: 2026 - 2028



In Service
2028

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

Xcel Energy plans to replace the six-mile-long 230-kilovolt (kV) Leetsdale-Monroe-Elati underground transmission line in central and southeast Denver. This and adjacent areas have experienced tremendous growth in recent years, which has increased the demand for additional, reliable electricity. To address the need, we will install a larger, more modern electric cable system.

The existing underground transmission line must be relocated to be replaced due to its location predominantly beneath Leetsdale Drive and Speer Boulevard, both heavily used thoroughfares. Concerns for public and occupational safety in heavy traffic areas during construction, constraints associated with keeping the line energized during construction and the underground space allowance needed to replace the line prohibit a rebuild in place. The proposed route location avoids collector and aerial roadways, which supports the safe construction, operations and maintenance of the underground line.

Construction will take place in two phases. Phase 1, between Leetsdale and Monroe substations (2.0 miles), is scheduled to begin in the late fall of 2025 and complete in the spring of 2027. Phase 2, between Monroe and Elati substations (4.0 miles), is scheduled to begin in the spring of 2026 and complete in early 2028.



(Route subject to change based on engineering design requirements.)

For more information, visit xcelenergytransmission.com/projects/leetsdale-elati

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