

Beecham Gap Transmission Line & Substation Project

[PUC Docket # 57529](#)

Project Overview

Brazos Electric Cooperative plans to construct approximately 14 miles of new 138-kV transmission line and a new substation northwest of Copperas Cove, Texas. The transmission line will be built using single-pole steel structures and designed to accommodate a second circuit in the future. The new substation will occupy approximately six acres.

Why the Project Is Needed

- Continued residential, commercial, and industrial growth in the area has increased demand for electric service.
- Existing transmission facilities are approaching their capacity limits during peak demand periods.
- Additional transmission infrastructure is needed to maintain reliable electric service and support future growth.
- The project will strengthen the transmission network serving Copperas Cove and the surrounding area.

Project Benefits

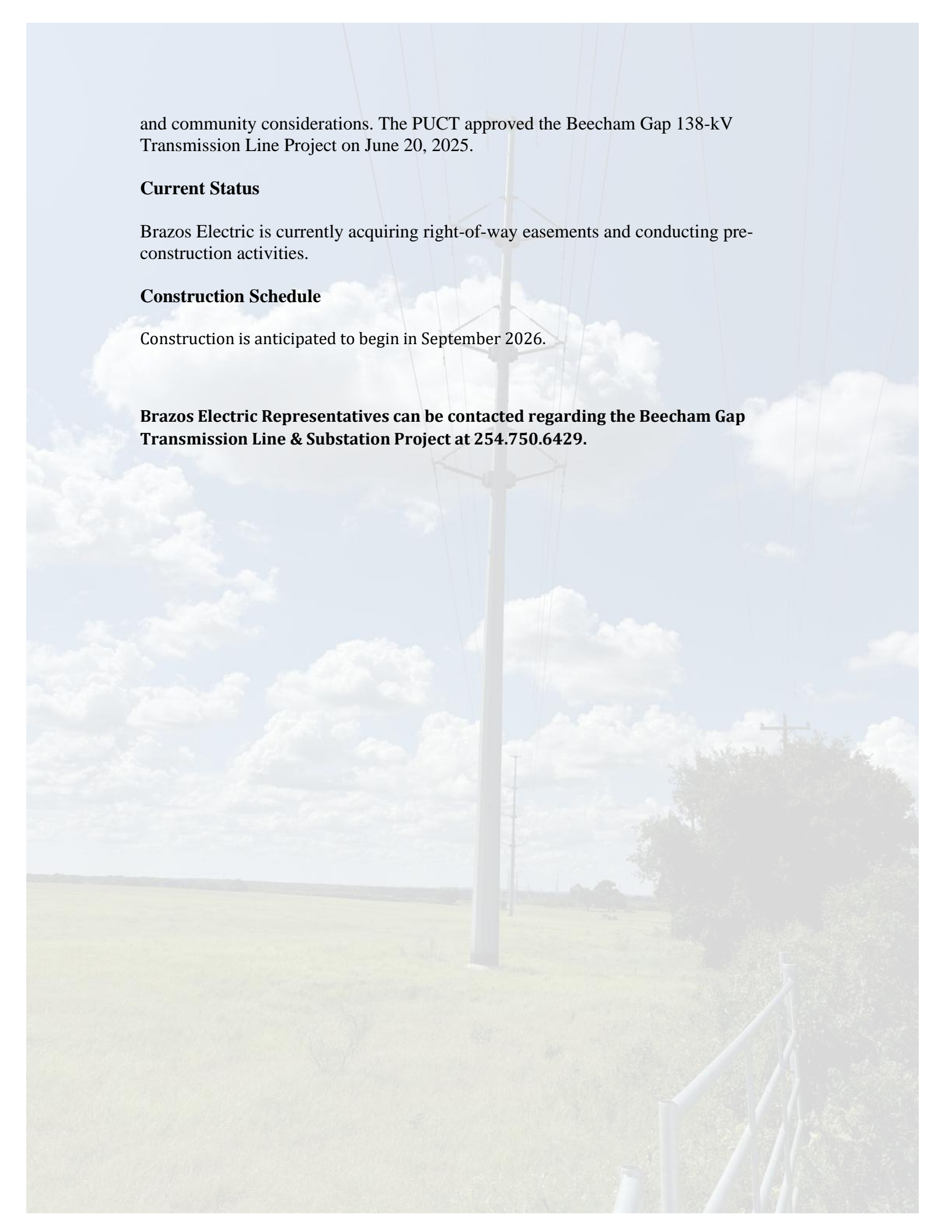
- Increased transmission system capacity
- Improved electric service reliability
- Enhanced ability to serve future residential and commercial development
- Reduced loading on existing transmission facilities
- Greater operational flexibility during outages and maintenance activities

Transmission Structures

- Single-pole steel structures
- Designed to accommodate two transmission circuits
- Approximately 100 feet in height
- Average span length of approximately 550 feet between structures

Routing and Approval Process

Brazos Electric filed an application with the Public Utility Commission of Texas (PUC) under Docket No. 57529 to construct and operate the proposed transmission facilities. Multiple route alternatives were evaluated based on environmental, engineering, land use,

The background of the page is a photograph of a utility pole in a rural setting. The pole is tall and grey, with several cross-arms and insulators. It stands in a grassy field. In the distance, there are other utility poles and a line of trees. The sky is blue with scattered white clouds. The overall image has a slightly faded or semi-transparent appearance, allowing the text to be overlaid clearly.

and community considerations. The PUCT approved the Beecham Gap 138-kV Transmission Line Project on June 20, 2025.

Current Status

Brazos Electric is currently acquiring right-of-way easements and conducting pre-construction activities.

Construction Schedule

Construction is anticipated to begin in September 2026.

Brazos Electric Representatives can be contacted regarding the Beecham Gap Transmission Line & Substation Project at 254.750.6429.