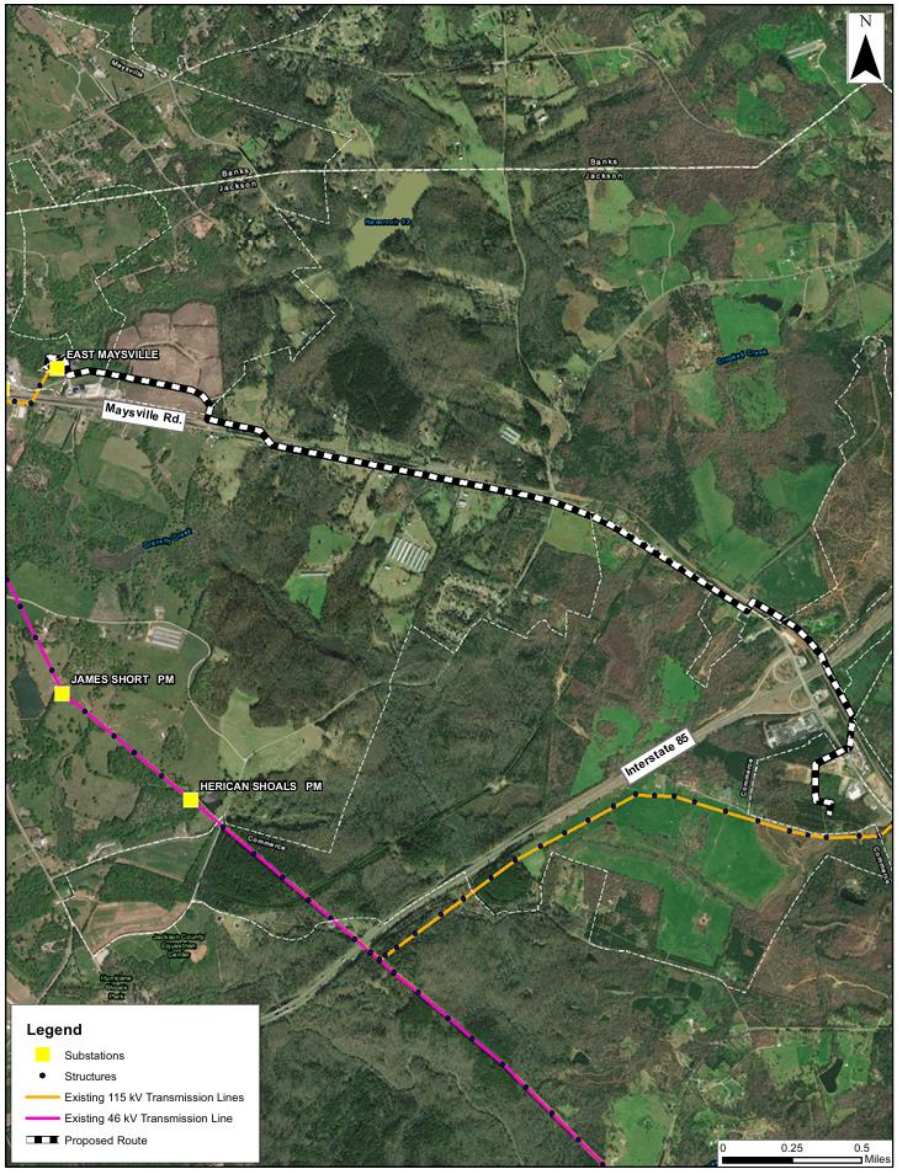
STF-PIA-7-1 Attachment D.pdf



Georgia Power

Gravelly Creek - Midway 115 kV Transmission Line Project

Public Information Meeting

Thursday January 16, 2025

6:00-7:30 PM

Sassy Studios
1642 S Broad St
Commerce, GA 30529

Gravelly Creek - Midway 115 kV
Transmission Line Project

Key Points

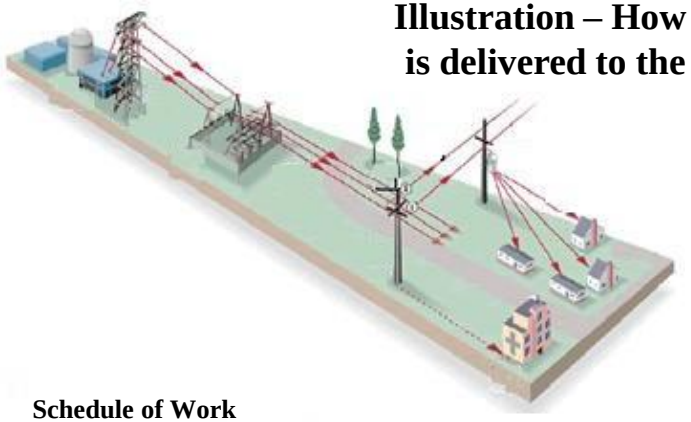
As part of an ongoing effort to provide reliable electric service to its customers, Georgia Power Company ("Georgia Power") intends to build an electric transmission line with a design operating voltage of 115 kilovolts (kV), known as the Gravelly Creek – Midway Transmission Line. The construction of this transmission line is needed to ensure safe and reliable electric service to commercial and residential customers in the surrounding area.

The transmission line route begins at the existing East Maysville 115kV substation and runs east along Twin Mill Dr before turning south toward Maysville Rd (Georgia Hwy #98). The line turns east just before reaching the Norfolk Southern railroad tracks, running along the northern side of the tracks approximately 1,000 feet before aerially crossing both the railroad tracks and Hwy. #98 in a southeasterly direction. The route continues east, along the south side of Hwy. #98 until it reaches Hardman Orchard Rd. Approximately 300 feet southeast of the road intersection, the line crosses Hwy. #98, the railroad tracks, and Lam Hardman Rd in a northeasterly direction. The route turns southeast, following along the northern and eastern side of the railroad tracks and Lam Hardman Rd, crossing Highway I-85. Approximately 900 feet after crossing Highway I-85, it turns south near the intersection of the railroad tracks and Gordon Farm Rd, aerially crossing both in a southern direction. The route continues along the east side of Gordon Farm Rd approximately 250 feet before turning southwest, aerially crossing Gordon Farm Rd and Hwy. #98, and continuing cross-country in a southwestern direction approximately 750 feet. The line turns south, continuing cross-country to the proposed Gravelly Creek 115kV substation. The transmission line route is approximately 3.9 miles in length in Jackson County, Georgia.

It is proposed that guyed and self-supporting, steel, concrete and/or hybrid pole design structures will be used along the route to support the transmission line. The acquisition of new easements will be determined by requirements from the company's construction, operations, maintenance, and engineering groups. Where required, the company will need to obtain new easements with widths approximately 30' along the roadside, including one cross-country span approximately 100' for the required right of way.

Project construction is scheduled to begin in Q4 2025.
Completion of the project is scheduled for Q2 2026.

Illustration – How electricity is delivered to the customer



Schedule of Work

Survey Work Began	Oct 2023
Acquisition Began	Oct 2024
Acquisition Ends	Jun 2025
Line Construction Begins	Oct 2025
Line Construction Complete	Apr 2026

Several alternative construction approaches were considered by Georgia Power which were rejected for the following reasons:

- **Distribution Option** – Distribution facilities are facilities with an operating voltage of less than 46kV. The distribution facilities presently in this portion of Jackson Co are not considered a potential solution because this transmission line is needed to transmit power across long distances and provide transmission voltage to electric substations in the area. Distribution solutions will not allow for this to occur.

- **Underground Construction Option** – Several factors make overhead transmission construction more advantageous than underground transmission construction. For example:
  - During an outage, restoring service for underground transmission facilities requires more time and resources to complete.
  - Competition for limited utility space makes underground construction much more complex than overhead construction.
  - There are direct bore engineering and operational challenges to crossing under railroads, highways, and streams.
  - The cost of underground construction is substantially greater than the cost of overhead construction.
  - Property owners have more restrictions on their ability to use the company's right-of-way when facilities are buried underground (e.g., no vegetation other than grass, no paving allowed unless pre-approved by Georgia Power, etc.).

- **No Build Option** – Not building a transmission line along this route is a risk that is unacceptable for safety and reliability reasons. A new transmission line is needed in this area in order to meet a growing demand for electricity.