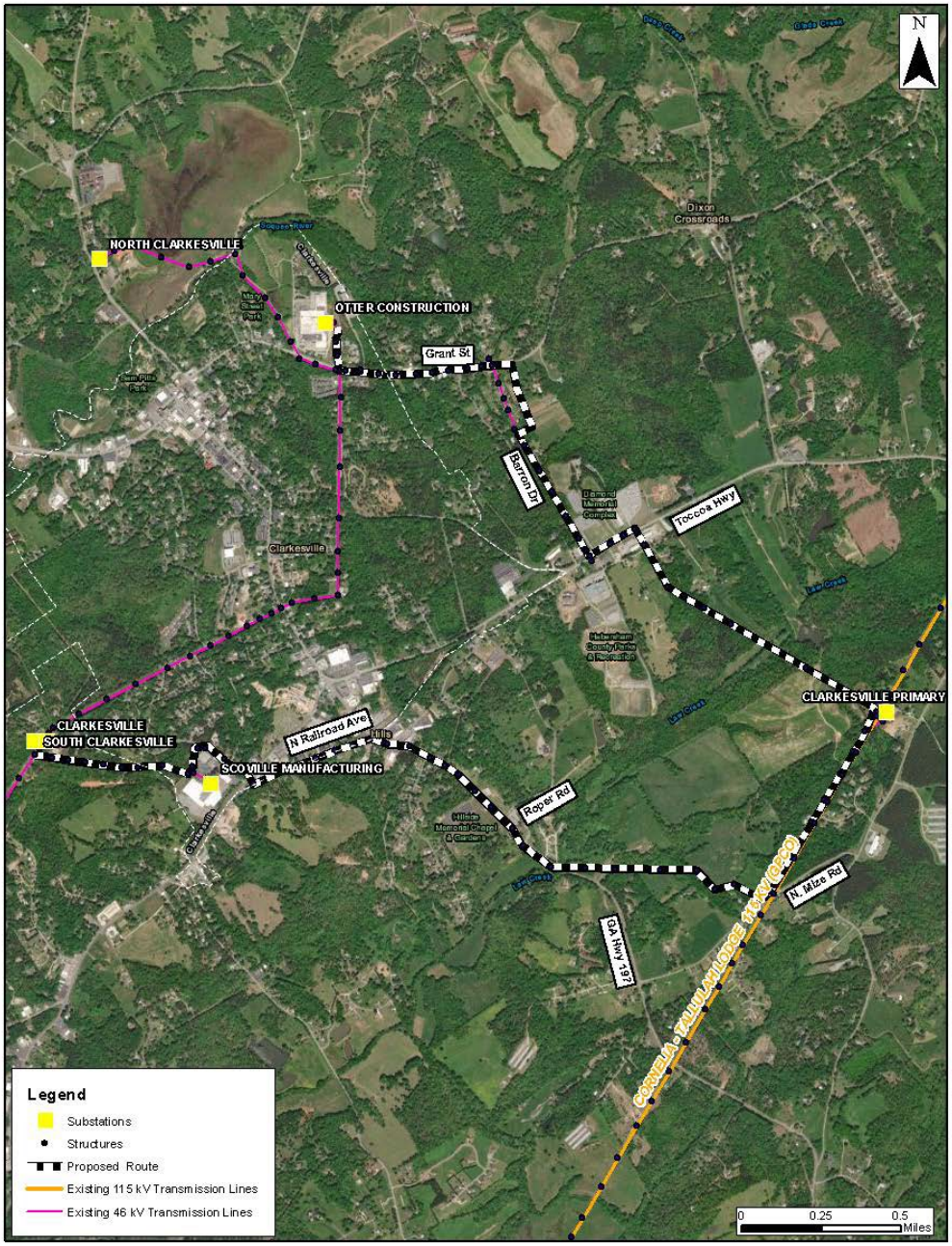
STF-PIA-7-1 Attachment A.pdf



Georgia Power

Cornelia – Tallulah Lodge 115kV Transmission Line Project

Public Information Meeting

Thursday, July 25, 2024

6:00-7:30 PM

Ruby Fulbright Aquatic Center
120 Paul Franklin Rd
Clarkesville, GA 30523

Cornelia – Tallulah Lodge 115kV 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 Cornelia-Tallulah Lodge 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 near the South Clarkesville Substation and follows the existing right-of-way east before turning north near the intersection of Oakhill Ln and Robertson Loop Rd. The route proceeds southeast along Robertson Loop Rd, crosses West Louise St, and runs in an easterly direction along North Railroad Ave and Highway 197 S. Thence the line continues eastward and turns northeast near N Mize Rd to the vicinity of the Clarkesville Primary Substation.
From the Clarkesville Primary Substation, continuing in a northwesterly direction, it crosses Paul Franklin Rd and Toccoa Hwy. The line runs in a southwesterly direction along Toccoa Hwy before turning north and continues to Hollywood Hwy. The line continues in a westerly direction along Hollywood Hwy, crossing Paper Ln before turning north and continuing to the Historic 441 Substation.

The complete project is approximately 5.9 miles long with an estimated total of 1.45 miles of new or expanded right-of-way required entirely in Habersham Co, GA.

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 Q1 2027.
Completion of the project is scheduled for Q4 2027.

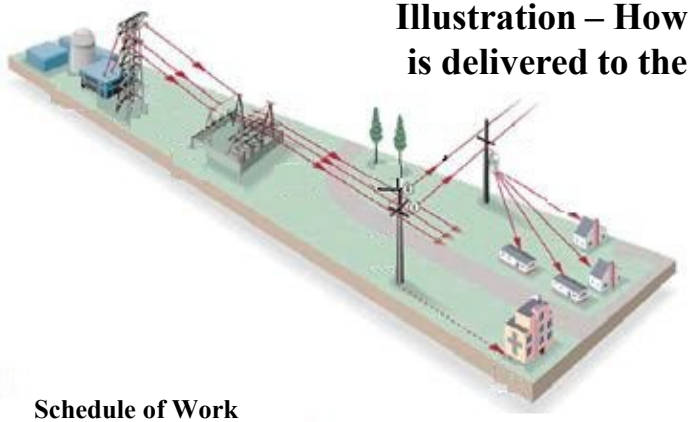


Illustration – How electricity is delivered to the customer

Schedule of Work

Survey Work Began	4th Quarter 2023
Acquisition Began	2nd Quarter 2024
Acquisition Ends	4th Quarter 2024
Line Construction Begins	1st Quarter 2027
Line Construction Complete	4th Quarter 2027

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 Habersham Co are not considered a potential solution because this transmission line is needed to transmit power across long distances and providetransmission 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.