STF-PIA-7-1 Attachment C.pdf




Georgia Power

# Decatur - Scottdale 115 kV Transmission Line (OHGW) Project

## Public Information Meeting

Tuesday November 12, 2024

6:00-7:30 PM

American Legion Post 66
30 Covington Rd
Avondale Estates, GA 30002

**Decatur – Scottdale 115kV**
**Transmission Line Project**

**Key Points**

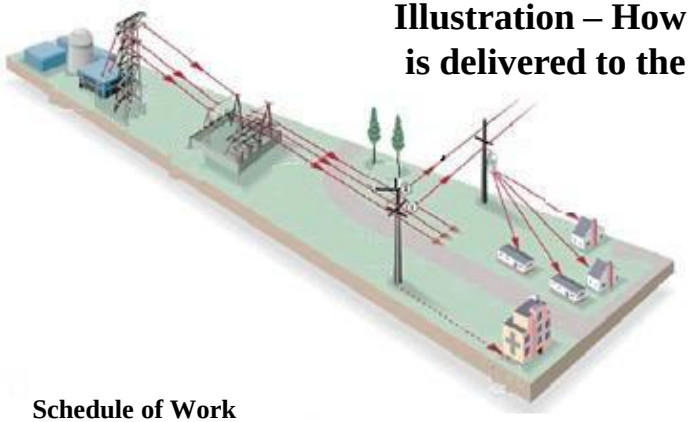
As part of an ongoing effort to provide reliable electric service to its customers, Georgia Power Company ("Georgia Power") intends to build an electric transmission line with a design operating voltage of 115 kilovolts (kV), known as the Decatur – Scottdale Transmission Line. The construction of this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

The transmission line route starts at the Scottdale Substation and runs in a southeasterly direction approximately 0.3 mile to Annie Street, then runs in a southerly direction along Annie Street approximately 0.2 mile to East Ponce de Leon Avenue, then follows East Ponce de Leon Avenue in a southwesterly direction for approximately 1.1 miles to Sycamore Street. The line continues along Sycamore Street approximately 0.1 mile before turning south and running in a southerly direction approximately 0.1 mile across railroad right of way and East College Avenue, where the line continues in a westerly direction along East College Avenue approximately 0.6 mile to the Decatur Substation. The complete project is approximately 2.4 miles long, entirely in DeKalb 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 Q1 2025. Completion of the project is scheduled for Q4 2025.

## Illustration – How electricity is delivered to the customer



**Schedule of Work**

| | |
|---|---|
| Survey Work Began | 2nd Quarter 2018 |
| Acquisition Began | 3rd Quarter 2022 |
| Acquisition Ends | 1st Quarter 2025 |
| Line Construction Begins | 1st Quarter 2025 |
| Line Construction Complete | 4th Quarter 2025 |

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.