**STF-DEA-2-19**

Question:

Please refer to p. 182 of the “2024 GA ITS Ten-Year Plan,” within the “2025 IRP Volume 3 TRADE SECRET,” regarding the Dresden - Talbot 500kV Line and respond to the following questions:

1. What cost recovery mechanisms will be utilized for the Dresden - Talbot 500kV line?
2. How will projected benefits of this project be distributed across multiple service territories?
3. What eminent domain concerns exist for this project, and how will affected landowners be compensated?
4. How does the Dresden - Talbot 500kV line improve Georgia’s overall transmission resilience considering increasing energy demand? Please provide the load details (MW) that will be catered and how much load is being catered with the existing power lines. Please provide details in MW and load details.
5. How will this project interact with neighboring transmission networks and utilities?

Response:

1. This is a Georgia Transmission Corporation (“GTC”) sponsored project. Georgia Power customers will not be directly responsible for this project.
2. The Dresden – Talbot 500kV line project aims to address the evolving dynamics within the Georgia Integrated Transmission System (“ITS”), primarily driven by the changes in generation and forecasted load growth, and it resolves multiple thermal overloads resulting from Category P1 – Single Contingency events identified as part of the ITS transmission planning processes in compliance with NERC TPL-001-5. Refer to Section III.A, Table 6 (p 29) of the 2024 GA ITS Ten-Year Plan and (p 1) of the ITS Planning Procedure #9, in Technical Appendix Volume 3.
3. GTC will be responsible for the land acquisition processes associated with this project. GTC will communicate any changes to the scope and design through joint planning efforts through the ITS joint planning process.
4. Refer to Section VI.C (p 163-168) of the of the 2022 GA ITS Ten-Year Plan for details on this project. Additionally, this project was included in the following Ten-Year Plans:

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| **Ten Year Plan Document** | **Project Need Date** |
| 2022 GA ITS TYP (Docket No 44160) | 2029 |
| 2023 GA ITS TYP  (Docket No 44160) | 2029 |
| 2024 GA ITS TYP (2025 GPC IRP)  (Docket No 56002) | 2029 |

1. Refer to Section VI.C (p 163-168) of the of the 2022 GA ITS Ten-Year Plan for details and supporting documentation on this project.