**STF-DEA-2-32**

Question:

Please refer to p. 218 of the “2024 GA ITS Ten-Year Plan,” within the “2025 IRP Volume 3 TRADE SECRET,” regarding the GTC: Rockville - Tiger Creek - Warthen 500kV Lines and respond to the following questions:

1. How will this project enhance system stability and support growing load demands in Central Georgia?
2. What specific thermal constraints will be mitigated by these new 500kV corridors? Please provide specific details.
3. Are there any interconnection challenges or potential public land use disputes associated with these new lines?
4. How does this expansion align with Georgia’s 10-year transmission plan?

Response:

1. The Georgia Transmission Corporation (“GTC”): Rockville - Tiger Creek - Warthen 500kV Lines project addresses multiple thermal overloads resulting from Category P1 – Single Contingency events identified as part of the Georgia Integrated Transmission System (“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. The two 500kV lines constructed by this project provide a high-capacity corridor in Central Georgia to help with increase flows.
2. The GTC: Rockville - Tiger Creek - Warthen 500kV Lines project mitigates thermal constraints for the following transmission lines:
   * Branch – Eatonton Primary #2 230kV
   * Branch – Oasis 230kV
   * Eatonton Primary – Oasis 230kV
   * Branch – Tiger Creek (White) 230kV
   * Branch – Tiger Creek (Black) 230kV
3. This is a GTC sponsored project. Any potential public land use disputes will be identified and addressed during the design, engineering, and siting phases of the project. GTC will communicate any changes to the scope and design through joint planning efforts through the ITS joint planning process.
4. Please refer to the Company’s responses to subparts (a) and (b).