**STF-DEA-2-27**

Question:

Please refer to p. 187 of the “2024 GA ITS Ten-Year Plan,” within the “2025 IRP Volume 3 TRADE SECRET,” regarding the McEver Road - Shoal Creek 115kV Rebuild and respond to the following questions:

a. How does the McEver Road - Shoal Creek 115kV rebuild align with Georgia's transmission infrastructure modernization goals?

b. What key challenges were identified during planning?

Response:

1. The McEver Road - Shoal Creek 115kV Line Rebuild addresses thermal constraints as defined in the Steady State Transmission Planning Criteria of the NERC Reliability Standard (TPL-001-5) under P1-Single Contingency event. Refer to Section III.A, Table 6 of the 2024 GA ITS Ten-Year Plan and Section B2, R3 of the ITS Planning Procedure #9, in Technical Appendix Volume 3 of the 2025 IRP. The Line Rebuild will increase the capacity of the McEver Road - Shoal Creek 115kV line from **REDACTED** to **REDACTED**.
2. Refer to Section H1.A, Thermal Problems and Solutions Report (SHOTD) (p 28-29) in Technical Appendix Volume 3 for details of the constraint.