**STF-DEA-2-34**

Question:

Please refer to p. 103 of the “2024 GA ITS Ten-Year Plan,” within the “2025 IRP Volume 3 TRADE SECRET,” regarding the MEAG: Dresden - LaGrange Primary 230kV Upgrade & Jumpers and respond to the following questions:

1. How will the proposed jumper and line upgrades improve thermal performance and power flow stability?
2. How will the Dresden - LaGrange upgrade support load balancing across the Georgia Integrated Transmission System (ITS)?
3. Are there any NERC TPL-001 compliance concerns that necessitated this investment?

Response:

1. The proposed jumper and line upgrades increase the line capacity from **REDACTED** to **REDACTED** (Summer B rating).
2. The increased rating offers more transmission capacity and supports West to East power flow transfers.
3. This project 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 (p 29) of the 2024 GA ITS Ten-Year Plan and Section B2, R3 (p 18) of the ITS Planning Procedure #9, in Technical Appendix Volume 3 and also supports future Georgia Power unit retirements as noted in Appendix D of the 2024 Georgia ITS Ten-Year Plan in Technical Appendix Volume 3. The Dresden – LaGrange 230kV line overloads for the loss of **REDACTED** **REDACTED.**