**STF-DEA-2-9**

Question:

Please refer to p. 5 of the “2024 GA ITS Ten-Year Plan” within “2025 IRP Volume 3 PUBLIC DISCLOSURE,” p. 5, Table 1 regarding “Transmission Lines Upgraded on Existing Right-of Way.”

a. For the Total 10 Years, how many miles of 230kV Transmission Lines Upgraded on Existing Right-of Way will be upgraded in total and how many miles will be upgraded using advanced conductors?

b. For the Total 10 Years, how many miles of 115kV Transmission Lines Upgraded on Existing Right-of Way will be upgraded in total and how many miles will be upgraded using advanced conductors?

Response:

1. For the Total 10 Years, approximately 26 miles of 230kV Transmission Lines will be Upgraded on Existing Right-of Way. 230kV Transmission Lines Upgrades will not use advanced conductors. An upgrade of a transmission line involves re-sagging the conductor to increase the maximum operating temperature of the line and still meet National Electric Safety Code (“NESC”) clearances. The upgrade of a line does not require the replacement of the conductor.
2. For the Total 10 Years, approximately 14 miles of 115V Transmission Lines will be Upgraded on Existing Right-of Way. 115kV Transmission Lines Upgrades will not use advanced conductors. Please refer to the Company’s response to subpart (a).