**STF-DEA-2-10**

Question:

Please refer to Table 2, p.7-20 of the “2024 GA ITS Ten-Year Plan” within “2025 IRP Volume 3 TRADE SECRET”.

1. Please provide an identical table of projects that were first identified in the 2024 ten-year planning process and not identified in any prior years.
2. Please provide a similar table of projects identified in the 2025 IRP that are not included in the 10 Year Plan Projects.
3. Please identify all projects that include non-wire alternatives (NWAs) and grid-enhancing technologies (GETs) as part of their scope.
4. Are there any projects not identified where NWAs or GETs were considered as a solution, but not ultimately selected? If so, please identify these projects, which technologies were considered, and why these technologies were not selected as part of the final project scope.

Response:

1. Please refer to Section 4, Analysis Results of the 2024 GA ITS Ten-Year Plan (Section D1 of Technical Appendix Volume 3), which identifies changes from previous Ten-Year Plan for all 2024 Ten Year Plan projects.
2. All transmission projects identified in the 2025 IRP are listed in Section D1 (2024 GA ITS Ten-Year Plan) and Section F (GPC Distribution Substation Projects & Forecast) of Technical Appendix Volume 3.
3. Please refer to STF-DEA-2-10 Attachment.
4. For specific details on Alternative Solutions, please refer to Sections H1A and H1B of Technical Appendix Volume 3. Rebuild/reconductors were selected for the projects listed below due to Power Flow Controllers limiting or increasing system flows on a line rather than increasing capacity. Power flow controllers are leveraged as a bridge to long-term solutions to address thermal constraints.

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| **TEAMS Number** | **Project Name** | **Sections H1A and H1B Report Title** | **Sections H1A and H1B Page Number** | **NWAs/ GETs Considered as Alternatives** |
| 20764 | Atkinson – Northside Drive 115kV Rebuild | ATKINSON – NORTHSIDE DRIVE 115KV | 1-2 | Power Flow Controllers |
| 20761 | Atkinson – Northwest 115kV Rebuild | ATKINSON – NORTHWEST 115KV | 2 | Power Flow Controllers |
| 18960 | Blankets Ck-Woodstock 115kV line Rebuild (Woodstk-Little Rvr) | BLANKETS CREEK – WOODSTOCK 115KV | 3-4 | Power Flow Controllers |
| 20506 | GTC: Switch Way – Thornton Road 230kV Line Reconductor | SWITCH WAY – THORNTON ROAD 230KV | 6 | Power Flow Controllers |
| 20024 | Dyer Road – East Roanoke 115kV Rebuild | DYER ROAD - EAST ROANOKE (APC) 115 KV | 13-14 | Power Flow Controllers |
| 10222 | Blakely Primary – Huckleberry 115kV Rebuild | BLAKELY PRIMARY - HUCKLEBERRY 115KV | 64-65 | Power Flow Controllers |
| 20285 | Lower River – Webb (APC) 115kV Reconductor | LOWER RIVER ROAD - WEBB (APC) 115 KV | 69-70 | Power Flow Controllers |