

Reliability Analysis Update

Slide 12 – Dominion Baseline Project - Line #552 Bristers to Chancellor 500 kV line Rebuild

Question: *Ryan Dolan, AMP:* Will the circuit be rated for 5000 amps?

Response: *Dominion:* All 3 500 kV lines will be rebuilt with the lines themselves being rated for 5000 amp which is Dominion's standard for 500 kV. Terminal work to bring the line up to 5000 amp capability is typically minor compared to the rebuild of the line itself. It is expected that all 3 lines will include terminal work to replace any limiting elements.

Slide 14 - Dominion Baseline Project - Line #574 Ladysmith to Elmont 500 kV line Rebuild

Question: *Ryan Dolan, AMP:* Why is a 5-2 tower design being used for a future 230kV line?

Response: *Dominion:* This line is in a high growth corridor for load growth just north of the Richmond, VA area heading toward Northern Virginia. With 230 kV already existing at both end stations Dominion believes maximizing the corridor capability would be good utility planning to be ready for this future growth. To come back at a later date to expand 230 kV would mean either buying new ROW or wrecking and rebuilding this 500 kV line. The existing parallel 230 kV Line already has been uprated to its maximum MOT and stability issues have already been identified in the area the ability to add a parallel 230 kV line in the area while for less than a 10% cost increase and avoiding new ROW acquisition is considered Prudent Utility Practice.

Slide 16 - Dominion Baseline Project - Line #581 Ladysmith to Chancellor 500 kV line Rebuild

Question: *Ryan Dolan, AMP:* Is this work feasible? Are we creating operational issues? Will rate payers be burdened with additional costs?

Response: *Dominion:* These lines will be rebuilt within existing ROW. Although they all are around the same timeframe, outage scheduling will be worked out and approved by PJM so as to minimize or even eliminate and operational concerns.

Slide 21 - Dominion Baseline Project - Replace 230kV Breakers at Beaumeade and NIVO Stations

Question: *Ryan Dolan, AMP:* What was the driver for the b2962 project?

Response: *PJM:* Driver for b2962 was multiple summer Generation Deliverability violations from the 2022 RTEP (2017 Proposal Window #1 Update). See slide 3 of the [11/2/2017 TEAC Reliability Analysis Update](#).