

RESOLUTION

A RESOLUTION OF SUPPORT FOR UNDERGROUND HIGH-VOLTAGE DIRECT CURRENT (HVDC) TRANSMISSION LINES AS PROPOSED BY DOMINION ENERGY THROUGH THE PJM PROPOSAL PROCESS

WHEREAS, Northern Virginia has experienced significant growth in electric power demand, particularly driven by the expansion of data centers and associated digital infrastructure; and

WHEREAS, the transmission of electric power from generation sources in the southern regions of the Commonwealth of Virginia into Northern Virginia requires long-distance, high-capacity transmission solutions that are both reliable and efficient; and

WHEREAS, High-Voltage Direct Current (HVDC) technology provides greater efficiency in transmitting high-intensity loads over long distances compared to traditional Alternating Current (AC) lines; and

WHEREAS, HVDC transmission lines are more readily constructed underground, which substantially reduces visual impacts, mitigates land use conflicts, and addresses community concerns regarding above-ground infrastructure; and

WHEREAS, Dominion Energy has submitted proposals through the PJM Interconnection planning process to develop underground HVDC transmission lines to meet the future power needs of the Commonwealth of Virginia; and

WHEREAS, the Fauquier County Board of Supervisors recognizes the importance of ensuring reliable electric transmission infrastructure while balancing community, environmental, and land use considerations; now, therefore, be it

RESOLVED by the Fauquier County Board of Supervisors this 9th day of October 2025, That the Board hereby supports the development and use of alternatives to overhead transmission lines such as underground High-Voltage Direct Current (HVDC) transmission lines; and, be it

RESOLVED FURTHER, That the Fauquier County Board of Supervisors urges the costs associated with alternatives to overhead transmissions lines be the responsibility of the end-user, with no impact to the rate payer; and, be it

RESOLVED FINALLY, That the Fauquier County Board of Supervisors urges PJM to give full and fair consideration to proposals incorporating underground HVDC technology in its upcoming transmission planning decisions to meet the long-term power needs of the Commonwealth of Virginia in a manner that minimizes adverse impacts to communities and landscapes.