|    | Α       | В        | C          | D   | F                                      | F  | G                      | Н                                      | 1          | J              | K         | ı           | М           | N          | 0      | Р          | 0         | S         | Т             |
|----|---------|----------|------------|---|--|--|------------------------|--|------------|----------------|-----------|-------------|-------------|------------|--------|------------|-----------|-----------|---------------|
|    | PJM     | _        |            | _   | _                                      |  | _                      |  |            |                |           | _           |             | NEW 500Kv  | NEW    |            |           | -         |               |
|    | PROPO   |          |            |   |  |  |                        |  | PWC        | LOUDOUN        | FAUQUIER  | NEW 500kV   | NEW 230kV   | SUB/SWITC  | ROW/A  |            |           | CONSTRUC  |               |
|    | SALS -  |          |            |   |  | VA COUNTY(s) &/or                                | Waterway/Park/Historic | TOTAL PROPOSAL                         | COMPONENT  | COMPONENT      | COMPONE   | TRANSMISS   | Transmissio | HING       | CQUIRE | IN-SERVICE | CAP SPEND | TION      |               |
| 1  | 72      | PROPOSER | ZONE       | MAJOR DETAILS   | NOTES                                  | STATE(s) IMPACTED                                | al Community Impacted  | COST                                   | #          | #              | NT#       | ION LINE(S) | n Line(s)   | STATION(S) | LAND   | DATE       | START     | START     | DURATION      |
|    |         |          |            |   |  | .,   | , ,                    |  |            |                |           | , ,         | .,          | , ,        |        |            |           |           |               |
|    |         |          |            |   |  |  |                        |  |            |                |           |             |             |            |        |            |           |           |               |
| 2  |         |          |            |   |  |  |                        | \$51.192.146.194.00                    |            |                |           |             |             |            |        |            |           |           |               |
| F  |         |          |            |   |  |  |                        | <del>ψου,1ου,1ο,1ο</del> <del>σο</del> |            |                |           |             |             |            |        |            |           |           |               |
| 3  | in prop | osal: 15 | PWC p      | roposals with maps: 10  |  |  |                        |  |            |                |           |             |             |            |        |            |           |           |               |
|    |         |          |            |   |  |  |                        |  |            |                |           |             |             |            |        |            |           |           |               |
|    |         |          |            | Proposal A - North Delta - New Raphael -  |  |  |                        |  |            |                |           |             |             |            |        |            |           |           |               |
| ١. |         |          |            | Waugh Chapel 500kV - Possum Point 500kV   |  |  |                        |  | _          |                |           |             |             | _          | l l    |            |           |           |               |
| 4  | 24      | PSEG     | zone       | substation upgrade  |  | PWC, MD, PA                                      | Patapsco River         | \$804,069,843.00                       | 5          |                |           | 2           |             | 1          | Х      | 6/1/2027   | 1/1/2024  | 11/1/2025 | 41 months     |
|    |         |          |            | Proposal B - North Delta-Northeast 230kV -                                      |  |  |                        |  |            |                |           |             |             |            |        |            |           |           |               |
| 5  | 125     | PSEG     | DCEC zono  | Possum Point 500kV substation upgrade   |  | PWC, MD, PA                                      | Patapsco River         | \$340,750,732.00                       | 7          |                |           |             | 1           |            | x      | 3/1/2027   | 1/1/2024  | 11/1/2025 | 20 months     |
| -  | 123     | PJEG     | P3EG 2011E | Possuiii Point Sooky substation upgrade   |  | PWC, MD, PA                                      | ratapsco Rivei         | \$540,750,752.00                       | ,          |                |           |             | 1           |            | ^      | 3/1/2027   | 1/1/2024  | 11/1/2025 | 36 1110111115 |
|    |         |          |            |   |  |  |                        |  |            |                |           |             |             |            |        |            |           |           |               |
|    |         |          |            |   | 9/4 errors in 8/30                     |  |                        |  |            | 1              |           |             |             |            |        |            |           |           |               |
|    |         |          |            |   | map. Map only                          |  |                        |  |            | 1              |           |             |             |            |        |            |           |           |               |
|    |         |          |            | D   | depicts some                           |  |                        |  |            | 1              |           |             |             |            |        |            |           |           |               |
| 1  |         |          |            | Dominion Aggregate 500kV Proposal   | impacted                               |  |                        |  |            | 1              | 1         |             |             |            |        |            |           |           |               |
|    |         |          |            | Comprehensive pkg of all Dominion Energy  | substations. Does                      |  |                        |  |            |                |           |             |             |            |        |            |           |           |               |
|    |         |          |            | solutions for the 500 kV violations identified                                  | NOT reflect all                        | DIACO I CONTRACTOR CONTRACTOR                    |                        |  |            |                |           |             |             |            |        |            |           |           |               |
|    |         |          |            | under the 2027 Summer High Load Growth (HLG) Case scenario of PJM's Data Center | NEW substations<br>in the 6 proposals. | PWC, Loudoun, Fauquier,<br>Fairfax Co., Augusta, |                        |  |            |                |           |             |             |            |        |            |           |           |               |
|    |         |          |            | Planning Initiative. Package includes the                                       | Does not reflect                       | Lexington, Staunton,                             |                        |  |            |                |           |             |             |            |        |            |           |           |               |
|    |         |          |            | following projects: 516 (Loudoun), 711 (PWC),                                   | ANY transmission                       | Spotsylvania, Warren,                            |                        |  |            |                |           |             |             |            |        |            |           |           |               |
|    |         |          | Dominion   | 692 (Loudoun), 923 (Augusta), #671 (Fauquier-                                   |  | North Anna, Louisa,                              |                        |  |            |                | 5 (4 in   |             |             |            |        |            |           |           |               |
| 6  | 129     | Dominion | zone       | Frederick), 231 (PWC).  | proposals.                             | Rockbridge, Frederick MD                         | See others             | \$3,177,521,803.00                     | 2,6        | 1,3            | Augusta)  | х           |             | х          | х      | 12/1/2027  | 12/1/2024 | 12/1/2025 | 26 months     |
| Ľ  | 123     | Dominion | 20110      | reaction, 251 (t. troj.   | ргорозия                               | nochorage, rreaction in b                        | occ omers              | <b>43,177,321,003.00</b>               | 2,0        | 2,5            | riagastar |             |             | ,          |        | 12/1/2027  | 12/1/2024 | 12/1/2025 | 30 1110111113 |
|    |         |          |            | Combination of PEBO 215A + WOP 1F + SOP 8E                                      |  |  |                        |  |            |                |           |             |             |            |        |            |           |           |               |
|    |         |          |            | Combine proposals # 948 (Loudoun), 853  | 9/4 errors in 8/30                     |  |                        |  |            |                |           |             |             |            |        |            |           |           |               |
|    |         |          |            | (Loudoun) and 663 (PWC); plus stand-alone                                       | map. Map missing                       | Loudoun, Fauquier,                               |                        |  |            |                |           |             |             |            |        |            |           |           |               |
|    |         |          | Dominion   | scope upgrades to multiple substations as far as                                | Components 5, 6,                       | Warren, Albemarle,                               |                        |  |            |                |           |             |             |            |        |            |           |           |               |
| 7  | 175     | Nextera  | zone       | NJ. New 500kV and 230kV and upgrades.   | 7, 8, 9, 11                            | Caroline, DEL, NJ                                | Redacted               | \$2,847,311,232.00                     | 12         | 1,5,12         | 10,11,12  | Х           |             | Х          | Х      | 6/1/2028   | 9/1/2023  | 7/1/2025  | 57 months     |
|    |         |          |            |   |  |  |                        |  |            |                |           |             |             |            |        |            |           |           |               |
| 1  |         |          |            |   |  |  |                        |  |            |                | 1         |             |             |            |        |            |           |           |               |
| 1  |         |          |            | Reactive Power VAR Reinforcements - Install                                     | 9/4 errors in 8/30                     |  |                        |  |            | 1              | 1         |             |             |            |        |            |           |           |               |
|    |         |          |            | 230kV/500kV shunt cap banks as well as  | map. Questions                         |  |                        |  |            | 1              |           |             |             |            |        |            |           |           |               |
|    |         |          |            | STATCOMs (dynamic devices) to 21 substations                                    |  |  |                        |  |            |                |           |             |             |            |        |            |           |           |               |
|    |         |          |            | to address reactive power needs of system                                       | Rixlew, Youngs                         |  |                        |  |            | 1,2,3,4,7,8,9, |           |             |             |            |        |            |           |           |               |
| 1  |         |          | Dominion   | Includes: Rixlew, Rollins Ford, Youngs Branch,                                  | _                                      | PWC, Loudoun, Fauquier,                          |                        |  |            | 10,12,13,14,2  | 1         |             |             |            |        |            |           |           |               |
| 8  | 231     | Dominion | zone       | Dawkins Branch substations in PWC.  | not on map.                            | Staunton, Spotsylvania,                          | Redacted               | \$166,884,253.00                       | 5,15,16,21 | 0              | 11,19     |             |             |            | NO     | 12/1/2027  | 6/1/2025  | 6/1/2026  | 30 months     |
|    |         |          |            |   |  |  | _                      |  |            |                |           |             |             |            |        |            |           |           |               |
| 1  |         |          |            |   |  |  |                        |  |            | I              | 1         |             |             |            |        |            |           |           |               |
|    |         |          |            |   | 9/4 July and 8/30                      |  |                        |  |            | 1              |           |             |             |            |        |            |           |           |               |
| 1  |         |          |            |   | map differ for                         |  |                        |  |            | I              | 1         |             |             |            |        |            |           |           |               |
|    |         |          |            |   | Hinsons Ford-                          |  |                        |  |            |                |           |             |             |            |        |            |           |           |               |
| 1  |         |          |            |   | Brambleton.                            |  |                        |  |            | I              | 1         |             |             |            |        |            |           |           |               |
|    |         |          |            | Proposal E - Brambleton-Hinsons Ford Rd   | Hinsons Ford-                          |  |                        |  |            | 1              |           |             |             |            |        |            |           |           |               |
|    |         |          |            | 500kV - New 500kV line Brambleton-Hinsons                                       | Brambleton will                        |  |                        |  |            |                |           |             |             |            |        |            |           |           |               |
|    |         |          |            | Ford (through Gainesville/Brentsville), New                                     | cross PWC                              | PWC, Loudoun, Fauquier,                          |                        |  |            | 1              |           |             |             |            |        |            |           |           |               |
|    | 225     | 2000     |            | Hinsons Ford-Front Royal reconductor.   |  | Warren, Rappahannock,                            | 5.1                    | 44 000 000 000                         |            |                |           | _           |             | 2          | ,      | C /4 /202= | 4/4/202   | 44/4/2027 | 44            |
| 9  | 325     | PSEG     | MAAC       | Patapsco River  | the two points                         | MD, PA   | Patapsco River         | \$1,026,627,758.00                     | 9          | 9              | 9         | 3           |             | 2          | Х      | 6/1/2027   | 1/1/2024  | 11/1/2025 | 41 months     |

|    | Α               | В        | С             | D   | E                                   | F  | G  | Н                  | I                | J                 | K                   | L                      | М           | N                 | 0               | Р          | Q               | S                | T             |
|----|-----------------|----------|---------------|---|-------------------------------------|--|--|--------------------|------------------|-------------------|---------------------|------------------------|-------------|-------------------|-----------------|------------|-----------------|------------------|---------------|
|    | PJM             |          |               |   |                                     |  |  |                    |                  |                   |                     |                        |             | NEW 500Kv         | NEW             |            |                 |                  |               |
|    | PROPO<br>SALS - |          |               |   |                                     | VA COUNTY(s) &/or                                | Waterway/Park/Historic                           | TOTAL PROPOSAL     | PWC<br>COMPONENT | LOUDOUN COMPONENT | FAUQUIER<br>COMPONE | NEW 500kV<br>TRANSMISS |             | SUB/SWITC<br>HING | ROW/A<br>CQUIRE | IN-SERVICE | CAP SPEND       | CONSTRUC<br>TION |               |
| 1  | 72              | PROPOSER | ZONE          | MAJOR DETAILS   | NOTES                               | STATE(s) IMPACTED                                | al Community Impacted                            | COST               | #                | #                 | NT#                 | ION LINE(S)            |             | STATION(S)        | LAND            | DATE       | START           |                  | DURATION      |
| F  |                 | THO TOLK | 20.112        | IVII OON DE IVIIED  | 110125                              | 517112(5) HHI 710125                             | ar community impacted                            | 2001               |                  |                   |                     | 1011 21112(0)          | ii ziiic(o) | 317111011(0)      | 22              | 57112      | <b>517.11.1</b> | <b>0</b> 17444   | 2010111011    |
|    |                 |          |               |   |                                     |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               |   |                                     |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | RTEP Window 3 Solution - A large scale set of   |                                     |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | projects that solve the growing congestion  |                                     |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | issues in the southern Pennsylvania/northern  |                                     |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | Virginia/Maryland/West Virginia area. The<br>project involves strategic rebuilds, substation            |                                     |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | upgrades, and greenfield transmission lines that  |                                     |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | primarily follow existing corridor. This strategic  |                                     |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               |   | Underground 500.                    |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | of projects being delayed due to opposition.  | Front Royal-Vint                    | DIAIC Landana Fanania                            |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          | Dominion      | New 500kV line Vint Hill-Front Royal line, new 500 kV UNDERGROUND Goose Creek to                        | does NOT follow                     | PWC, Loudoun, Fauquier,<br>Warren, Frederick MD, |  |                    |                  | 8,12,16,17,22     | 15 20 22 3          |                        |             |                   |                 |            |                 |                  |               |
| 10 | 548             | LS Power |               | Beaumeade line  |                                     | WVA, PA, MD                                      | All Redacted                                     | \$3,077,123,844.00 | 18,22            | ,24,28,33,36      | 4                   | 10                     |             |                   | х               | 6/1/2030   | 1/1/2024        | 1/1/2027         | 77 months     |
|    |                 |          |               |   | Ü                                   |  |  | , , ,              |                  |                   |                     |                        |             |                   |                 | ., ,       |                 |                  |               |
|    |                 |          |               |   |                                     |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               |   | 9/4 errors in 8/30                  |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               |   | map. Questions on                   |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               |   | Component 3 & 9.                    |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               |   | Wheeler-Cedar Hill                  |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               |   | NEW 230kV                           |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | Front Royal - Racefield, Warrenton - Wheeler,   | missing from map.<br>Map includes   |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | North Anna - Lady Smith - New 500kV line  | Warrenton-                          |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | Front Royal, go around Middleburg, to new   | Wheeler, not in                     |  | Middleburg/Rte 50 area,                          |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | Racefield substation in Loudoun, multiple   | proposal scope.                     |  | Shenandoah River,                                |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | 230kV line upgrades - Wheeler to Linton Hall,   | Where is Cedar Hill                 |  | Appalachian Trail, Unison                        |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
| 1  | 577             | Nextera  | Dominion zone | <b>Linton Hall to Atlantic</b> , Atlantic to Gainesville; multiple 230 or 500kV upgrades to substations | component and<br>cost?              | Warren, Caroline, Louisa,<br>Spotsylvania        | Battlefield Area, Lake<br>Anna, 9 "waterbodies"  | \$273,272,920.00   | 3,4,5,10         | 1,9,14            | 2,6,13              | 1                      | 2           | 1                 | х               | 6/1/2027   | 9/1/2023        | 7/1/2025         | 45 months     |
| Ė  | 3//             | IVEXCEIU | 20110         | makipie 250 di 500kV approdes to sabstations  | cost.                               | Spotsyrvama                                      | Anna, 5 Water Boures                             | \$273,272,320.00   | 3,1,3,10         | 2,3,2 .           | 2,0,15              |                        |             | -                 |                 | 0/1/2027   | 3/1/2023        | 7/1/2023         | 45 1110111115 |
|    |                 |          |               | Combination of PEBO 220 + WOP 1F + SOP 8E -   |                                     |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | Various brownfield components required to   |                                     |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | meet reliability needs. Combination of 385  | Component 2                         | Laudaua Fausuisa                                 |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | (PEBO 220 -Loudoun), 853 (WOP 1F - Loudoun)<br>& 663 (SOP 8E - PWC), 500kV and 230kV line               | refers to Mars<br>substation as NEW | Loudoun, Fauquier,<br>Caroline, Albemarle,       |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          | Dominion      | and substation upgrades. New 230kV line   | and as Existing -                   |  | None called out in                               |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
| 13 | 598             | Nextera  |               | Warrenton-Rixlew  |                                     | DEL, NJ  | components                                       | \$2,291,113,929.00 | 1                | 2,3,4             | 11,12               |                        |             | 1                 | Х               | 6/1/2028   | 9/1/2023        | 7/1/2025         | 57 months     |
|    |                 |          |               |   |                                     |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               |   | 9/4 errors in 8/30                  |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | Front David Davidseld Warmanton 27 1  | map. Map is                         |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | Front Royal - Racefield, Warrenton - Rixlew, Warrenton - Hourglass, Mars - Ocean Court -                | missing NEW<br>230kV Warrenton-     |  | Middleburg/Rte 50 area,                          |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | Davis Drive - New 500kV line Front Royal, go  | Hourglass. Map                      |  | Shenandoah River,                                |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | around Middleburg, to new Racefield   | incorrectly reflects                |  | Appalachian Trail, Unison                        |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          | Dominion      | substation in Loudoun, new Warrenton-Rixlew   | Hourglass in                        | PWC, Loudoun, Fauquier,                          |  |                    |                  | 1,3,5,6,7,10,1    |                     |                        |             |                   |                 |            | - 4 - 4         |                  |               |
| 1: | 663             | Nextera  | zone          | 230kV line  | Loudoun Co.                         | Warren   | Anna, 9 "waterbodies"                            | \$299,141,792.00   | 8,9,12,13        | 1,14              | 4,8                 | 1                      | 4           | 1                 | Х               | 6/1/2027   | 9/1/2023        | 7/1/2025         | 45 months     |
|    |                 |          |               | MAPP - MidAtlantic Power Pathway - New  |                                     |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | Possum Point 500kV line to Burches Hill, MD.  |                                     |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | Cross Potomac River, Choptank River,  |                                     |  |  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
|    |                 |          |               | Chesapeake Bay, Delaware River. Hallowing   | Underground                         |  | Chesapeake Bay,                                  |                    |                  |                   |                     |                        |             |                   |                 |            |                 |                  |               |
| 1  | 691             | Exelon   | MAAC<br>zone  | Point-Mission <u>underground, submarine</u> Chesapeake Bay and Choptank.                                | 500kV, Submarine<br>500kV           |  | Choptank River, Delaware<br>River, Potomac River | \$2,232,702,373.00 | 2,8              |                   |                     | 2                      | 1           | 1                 | R?              | 12/1/2020  | 2/1/2024        | 12/1/2024        | 92 months     |
|    | 1 031           | EXEIOII  | 20116         | enesapeake bay and enoptank.  | JOURY                               | I VVC, IVID, FM, DEL, NJ                         | MIVEL, FULUITIAL MIVEL                           | 32,232,102,313.00  | 2,0              |                   |                     |                        | 1           | 1                 | IV:             | 12/1/2030  | 2/1/2024        | 12/1/2024        | 02 1110111115 |

|     | Α      | В          | С         | D  | E                   | F                         | G                          | Н                   |               | J             | K            | L            | М         | N          | 0      | P         | Q         | S         | T         |
|-----|--------|------------|-----------|--|---------------------|---------------------------|----------------------------|---------------------|---------------|---------------|--------------|--------------|-----------|------------|--------|-----------|-----------|-----------|-----------|
|     | PJM    |            |           |  |                     |                           |                            |                     |               |               |              |              |           | NEW 500Kv  | NEW    |           |           |           |           |
|     | PROPO  |            |           |  |                     |                           |                            |                     | PWC           | LOUDOUN       |              | NEW 500kV    | NEW 230kV | SUB/SWITC  | ROW/A  |           |           | CONSTRUC  |           |
|     | SALS - |            |           |  |                     | VA COUNTY(s) &/or         | Waterway/Park/Historic     | TOTAL PROPOSAL      | COMPONENT     | COMPONENT     |              | TRANSMISS    |           | HING       | CQUIRE |           | CAP SPEND | TION      |           |
| _1_ | 72     | PROPOSER   | ZONE      | MAJOR DETAILS  | NOTES               | STATE(s) IMPACTED         | al Community Impacted      | COST                | #             | #             | NT#          | ION LINE(S)  | n Line(s) | STATION(S) | LAND   | DATE      | START     | START     | DURATION  |
|     |        |            |           |  |                     |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | Regional Solution - 500 kV North Anna-Wishing          |                     |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | Star Upgrades - 3 new 500kV lines (North Anna-         |                     |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | Spotsylvania-Vint Hill-Wishing Star, Spotsylvania-     |                     |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | Vint Hill, Vint Hill-Wishing Star); 17 line rebuilds   |                     |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | to 500kV; 16 substation upgrades most 500kV.           | map. Racefield      |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           |  |                     | PWC, Loudoun, Fauquier,   |                            |                     | 7,8,11,12,15, |               | 7,8,10,11,1  |              |           |            |        |           |           |           |           |
|     |        |            |           | 500kV upgrades to substations in PWC. New              |                     | Fairfax Co, Warren, North |                            |                     | 19,20,21,22,2 |               | 8,19,22,25,  |              |           |            |        |           |           |           |           |
|     |        |            | Dominion  | Vint Hill-Wishing Star 500kV lines routes through      | -                   | Anna, Spotsylvania,       | Cedar Run, Broad Run,      |                     |               | 16,17,20,28,3 | 26,27,34,4   |              |           |            |        |           |           |           |           |
| 15  | 711    | Dominion   | zone      | PWC.   | Component?          | Louisa                    | Bull Run                   | \$1,315,021,919.00  | ,42           | 2,35,36,37,41 | 0            | 3            |           | Х          | NO     | 12/1/2027 | 12/1/2024 | 6/1/2025  | 36 months |
|     |        |            |           |  |                     |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           |  |                     |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           |  |                     |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           |  | 9/4 errors in 8/30  |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           |  | map. Questions on   |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           |  | Component 3 & 9.    |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           |  | Wheeler-Cedar Hill  |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           |  | NEW 230kV           |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           |  | missing from map.   |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | Front Royal - Racefield, Warrenton - Wheeler -         | Map includes        |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | New 500kV line Front Royal, go around                  | Warrenton-          |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | Middleburg, to new Racefield substation in             | Wheeler, not in     |                           | Middleburg/Rte 50 area,    |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | Loudoun, new 500kV line North Anna-                    | proposal scope.     |                           | Shenandoah River,          |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | Spotsylvania-Vint Hill-Wishing Star, Linton Hall-      | Where is Cedar Hill |                           | Appalachian Trail, Unison  |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | '  |                     | PWC, Loudoun, Fauquier,   | Battlefield Area, Lake     |                     |               |               |              |              |           |            |        |           |           |           |           |
| 16  | 766    | Nextera    | zone      | 230kV upgrade  | cost?               | Warren, Spotsylvania      | Anna, 9 "waterbodies"      | \$253,093,012.00    | 3,4,5,7,10    | 1,9,11,13     | 2,6,12       | 2            | 1         | 1          | Х      | 6/1/2027  | 9/1/2023  | 7/1/2025  | 45 months |
|     |        |            |           |  |                     |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           |  |                     | PWC, Loudoun, Fauquier,   |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           |  |                     | Fairfax, Amherst,         | James River (6X), Buffalo  |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           |  |                     | Albemarle, Buckingham,    | River, Tye River, Rockfish |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | Joshua Falls - Yeat 765kV Greenfield Line and          |                     | Campbell, Culpeper,       | River, Hardware River,     |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | <u>Substation</u> - New 765kV single line Joshua Falls |                     | Fluvanna, Louisa, Nelson, | Rivanna River, South Anna  |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | to new Yeat substation (135 miles) in Fauquier,        |                     | Orange, Spotsylvania,     | River, Rapidan River,      |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | new 230kV line Warrenton-Wheeler, new Yeat-            |                     | Bedford, Smyth,           | Rappahannock River,        |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            | AEP/Domi  | Clover Hill 230kV, 230kV upgrades Wheeler,             |                     | Washington, Saltville,    | Kettle Run, Broad Run,     |                     |               |               | 1,2,3,4,5,6, |              |           | . /=       |        |           |           |           |           |
| 17  | 904    | Transource | nion      | Linton, Atlantic                                       |                     | WVA                       | Lake Manassas              | \$1,220,485,415.00  | 4,5,9,11      |               | 7,8,10       | 1 (765Kv), 2 | 2         | 1 (765Kv)  | Х      | 12/1/2029 | 9/1/2023  | 4/1/2027  | 75 months |
|     |        |            |           |  | What is ROW         |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           |  | impact from         |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | Yeat 500/230kV Greenfield Station - New                | Bristers-Ox and     |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | 230kV line Yeat-Clover Hill line; new 230kV            | Meadow Brook-       |                           | Kettle Run, Broad Run,     |                     | l             |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           | Warrenton-Wheeler line, new 230 kV Yeat                |                     | PWC, Loudoun, Fauquier,   |                            |                     | l             |               | 1,2,3,4,5,6, |              |           |            |        |           |           |           |           |
| 18  | 977    | Transource |           | substation (Fauquier), new reactor Vint Hill           | to PWC?             | Fairfax, Rappahannock     | Manassas                   | \$261,278,527.00    | 2,4,8         |               | 7,9          | 2            | 2         | 1          | х      | 6/1/2027  | 12/1/2023 | 11/1/2025 | 42 months |
| 10  | 311    | rransourte | Sommon    | Substitution (1 duquier), new reactor vint rill        |                     | . аах, паррапанноск       | 11101103303                | 9201,270,327.00     | 2,4,0         |               | ,,,,         |              |           |            | ^      | 0/1/202/  | 12/1/2023 | 11/1/2023 | 72 months |
| 19  |        |            |           |  |                     |                           |                            | \$19,586,399,352.00 |               |               |              |              |           |            |        |           |           |           | <u> </u>  |
| 20  |        |            |           |  |                     |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           |  |                     |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
| 21  | Loud   | loun prop  | osals wit | th maps: 9 (PWC NOT in these propo                     | osals)              |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |
|     |        |            |           |  |                     |                           |                            |                     |               |               |              |              |           |            |        |           |           |           |           |

|    | Α      | В            | С        | D  | E                  | F                       | G                          | Н                  |           | J             | K        | L           | М           | N          | 0      | Р          | 0         | S         | T         |
|----|--------|--------------|----------|--|--------------------|-------------------------|----------------------------|--------------------|-----------|---------------|----------|-------------|-------------|------------|--------|------------|-----------|-----------|-----------|
|    | PJM    |              |          |  |                    |                         |                            |                    |           |               |          |             |             | NEW 500Kv  | NEW    |            | ,         |           |           |
|    | PROPO  |              |          |  |                    |                         |                            |                    | PWC       | LOUDOUN       | FAUQUIER | NEW 500kV   | NEW 230kV   | SUB/SWITC  | ROW/A  |            |           | CONSTRUC  |           |
|    | SALS - |              |          |  |                    | VA COUNTY(s) &/or       | Waterway/Park/Historic     | TOTAL PROPOSAL     | COMPONENT | COMPONENT     | COMPONE  | TRANSMISS   | Transmissio | HING       | CQUIRE | IN-SERVICE | CAP SPEND | TION      |           |
| 1  | 72     | PROPOSER     | ZONE     | MAJOR DETAILS  | NOTES              | STATE(s) IMPACTED       | al Community Impacted      | COST               | #         | #             | NT#      | ION LINE(S) | n Line(s)   | STATION(S) | LAND   | DATE       | START     | START     | DURATION  |
|    |        |              |          |  |                    | (-)                     | , , <sub> </sub>           |                    |           |               |          | (-)         | - (-)       |            |        |            |           |           |           |
|    |        |              |          |  |                    |                         |                            |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          |  | Is there an        |                         |                            |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          |  | eventual plan      |                         | Substation upgrades        |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | Data Center Reinforcement Proposal #2 - (Old         | afoot within PJM   |                         | don't name streams or      |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | PATH) Two new 500kV lines PA/W.VA-Doubs-             | and TO providers   |                         | wetlands needing           |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | Goose Creek, multiple sustation upgrades and         | to extend a NEW    |                         | mitigations; 14 WVA, VA,   |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | line rebuilds. 'Robust, expandable transmission      | 765kV line from    |                         | MD Rivers (not named),     |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | solution to address Window 3 violations. Ensure      | the NEW Yeat       |                         | Youghiogheny state         |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | PJM system safely and reliably accommodate           | substation in      |                         | scenic River, C&) Canal    |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | future load growth. Review in conjunction with       | Fauguier VA        |                         | National Park, 9 wetlands, |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | 129 (PWC) and 660 (Loudoun)_Crosses                  | (Transource 904)   |                         | 5 parks, Shenandoah        |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | Monongahela National Forest, State Park Land,        | to an upgraded     |                         | River, Potomac River,      |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | C&O Canal National Park (and parallels it),          | Aspen 765kV        |                         | Appalachian Trail,         |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | Youghiogheny River (state scenic river),             | substation in      |                         | Monongahela National       |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | Shenandoah River, Potomac River, Monocacy            | Loudoun VA??       |                         | Forest and State Park      |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | River, Appalachian Trail, Dickerson Conservation     | Junction           |                         | Land, Dickerson            |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              | Dominion | Park. Addresses P5 contingencies at Junction         | substation missing | Loudoun, Frederick, Md, | Conservation Park,         |                    |           |               |          |             |             |            |        |            |           |           |           |
| 22 | 23     | First Energy | zone     | substation. Multiple condemnations.                  | from map.          | WVA, PA, MD             | Monocacy River             | \$3,976,547,533.00 |           | 16,17         |          | 5           |             |            | Х      | 6/1/2030   | 10/1/2023 | 10/1/2027 | 80 months |
|    |        |              |          |  |                    |                         |                            |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          |  |                    |                         |                            |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          |  |                    |                         | Potomac River, Catoctin    |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          |  |                    |                         | Mountain, Monocacy         |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          |  |                    |                         | River, Appalachian         |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          |  |                    |                         | Mountains, W&OD Trail,     |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          |  |                    |                         | Belmont and Ashburn        |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | <u>Hunterstown - Doubs - Audobon - Goose Creek</u> - |                    |                         | Presbyterian Church,       |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | 5 new 500kV lines: incl. new 500kV Woodside          |                    |                         | Potomac Heritage           |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | (new W.Va)-Goose Creek line (affecting               |                    |                         | National Scenic Trail, C&O |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | *  | Waterford. Gore    |                         | National Historic Park,    |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | Creek 500kV line, new Hunterstown-Doubs-             | substation is      |                         | Muddy Creek, Waterford     |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | Goose Creek 500kV line, new 500kv substations,       |                    |                         | Historic District, North   |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | 500kV expansions of Doubs substation. new Pike       |                    |                         | River, Shenandoah River,   |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | Goose Creek 500kV line affecting Beverly historic    |                    |                         | Millville Dam, Beverly     |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              | MAAC     | district. Cross Potomac, North, Shenandoah           |                    | Loudoun, Frederick MD,  | Historic District, Capon   |                    |           |               |          |             |             |            |        |            |           |           |           |
| 23 | 28     |              | zone     | Rivers   | from map.          | WVA, PA, MD             | Chapel                     | \$956,545,705.00   |           | 1,4, 9,11     |          | 6           |             | 1          | Х      | 6/1/2027   | 9/1/2023  | 7/1/2025  | 45 months |
|    |        |              |          |  |                    |                         |                            |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          |  |                    |                         | Potomac River, Catoctin    |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          |  |                    |                         | Mountain, Monocacy         |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          |  |                    |                         | River, Appalachian         |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          |  |                    |                         | Mountains, W&OD Trail,     |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          |  |                    |                         | Belmont and Ashburn        |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          |  |                    |                         | Presbyterian Church,       |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          |  |                    |                         | Potomac Heritage           |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          |  |                    |                         | National Scenic Trail, C&O |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | Hunterstown - Doubs - Gant Solution - New            | Map incorrectly    |                         | National Historic Park,    |                    |           |               |          |             |             | 1          |        |            |           |           |           |
|    |        |              |          | Gant 500/230 kV substation, New Hunterstown          | show Grant for     |                         | Muddy Creek, Waterford     |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | Doubs - Gant 500 kV line, plus plus Belmont,         | Gant. NEW          |                         | Historic District, North   |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | Farmwell, Roundtable substation 230kV                | Cochran Tap-       |                         | River, Shenandoah River,   |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              |          | expansions, new 230kV lines Cochran Tap to           | Roundtable 230kV   |                         | Millville Dam, Beverly     |                    |           |               |          |             |             |            |        |            |           |           |           |
|    |        |              | Dominion | Roundtable and Gant to Farmwell. Crosses             | line missing from  | Loudoun, Frederick MD,  | Historic District, Capon   |                    |           |               |          |             |             |            |        |            |           |           |           |
| 24 | 116    |              | zone     | Potomac River, Catoctin Mountain.                    | map.               | MD, PA                  | Chapel                     | \$512,406,125.00   |           | 3,4,5,6,7,8,9 |          | 2           | 2           | 2          | х      | 6/1/2027   | 9/1/2023  | 7/1/2025  | 45 months |
|    | 110    |              |          | ,,   | 1.00               | × 11                    | p                          | Ç512, 100,125.00   |           | .,.,-,-,.,0,0 |          |             |             |            |        | -/ -/ -0-/ | -/1/2023  | .,1,2023  | .5        |

|          | Α            | В        | С    | D  | E         | F                                      | G   | Н                      |                | J              | K              | L                        | М         | N                  | 0              | Р                  | Q                  | S             | Т             |
|----------|--------------|----------|------|--|-----------|--|---|------------------------|----------------|----------------|----------------|--------------------------|-----------|--------------------|----------------|--------------------|--------------------|---------------|---------------|
|          | PJM          |          |      |  |           |  |   |                        |                |                |                |                          |           | NEW 500Kv          | NEW            |                    |                    |               |               |
|          | PROPO        |          |      |  |           | 1/4 COLUMNY(-) O (-                    | 10.1/10.1.                                      | TOTAL DRODOCAL         | PWC            | LOUDOUN        |                | NEW 500kV                |           | SUB/SWITC          | ROW/A          | IN 6550 (165       |                    | CONSTRUC      |               |
| 1,       | SALS -<br>72 | PROPOSER | ZONE | MAJOR DETAILS  | NOTES     | VA COUNTY(s) &/or<br>STATE(s) IMPACTED | Waterway/Park/Historic<br>al Community Impacted | TOTAL PROPOSAL<br>COST | COMPONENT<br># | COMPONENT<br># | COMPONE<br>NT# | TRANSMISS<br>ION LINE(S) | n Line(s) | HING<br>STATION(S) | CQUIRE<br>LAND | IN-SERVICE<br>DATE | CAP SPEND<br>START | TION<br>START | DURATION      |
| <u> </u> | 12           | PROPOSER | ZUNE | MAJOR DETAILS  | NUTES     | STATE(S) IMPACTED                      | ai Community impacted                           | COST                   | #              | #              | NI#            | ION LINE(S)              | n Line(s) | STATION(S)         | LAND           | DATE               | SIAKI              | SIAKI         | DUKATION      |
|          |              |          |      |  |           |  |   |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | Potomac River, Catoctin                         |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | Mountain, Monocacy                              |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | River, Appalachian                              |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | Mountains, W&OD Trail,                          |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | Belmont and Ashburn<br>Presbyterian Church,     |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | Potomac Heritage                                |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | National Scenic Trail, C&O                      |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | National Historic Park,                         |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | Muddy Creek, Waterford                          |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      | Hunterstown - Doubs - Gant Solution - New  |           |  | Historic District, North                        |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      | Gant 500 kV substation, New Hunterstown -  |           |  | River, Shenandoah River,                        |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      | Doubs - Gant 500 kV line, new 500kV Doubs-   |           |  | Millville Dam, Beverly                          |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
| 25       | 255          | Nextera  |      | Gant line, Hunterstown 500kV expansion.  Crosses Potomac and Monocacy Rivers.            |           | Loudoun, Frederick MD,<br>MD, PA       | Historic District, Capon<br>Chapel              | \$441,553,921.00       |                | 2,4            |                | 2                        |           | 1                  | х              | 6/1/2027           | 0/1/2022           | 7/1/2025      | 45            |
| 23       | 233          | ivextera | zone | crosses Potomac and Monocacy Rivers.   |           |  |   | 3441,333,921.00        |                | 2,4            |                |                          |           | 1                  | ^              | 0/1/2027           | 9/1/2023           | 7/1/2023      | 45 1110111115 |
|          |              |          |      |  |           |  | Potomac River, North                            |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | River, Capon Chapel,                            |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | Appalachian Mountains,                          |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | Shenandoah River,<br>Millville Dam,             |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | Appalachian Trail,                              |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | Waterford Historic                              |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | District, Belmont &                             |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | Ashburn Presbyterian                            |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | Church, Monongahela                             |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      | Black Oak - Woodside - Goose Creek, Woodside   |           |  | River, Cheat Lake "An                           |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      | SVC + Cap Banks Solution - 3 new 500kvV lines, incl. new 500kV Woodside (new W.Va)-Goose |           |  | investigation to further identify and evaluate  |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      | Creek line (affecting Waterford 10C2), 500Kv   |           |  | historic properties will be                     |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      | expand Goose Creek substation, new 500kV   |           |  | conducted to determine                          |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      | substation. Crosses Potomac, North, and  |           |  | the presence of                                 |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      | Shenandoah Rivers. Capon Chapel within 1000'   |           |  | archaeologically or                             |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      | of transmission tower. Crosses Appalachian   |           | Loudoun, WVA, Frederick                | historically significant                        |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
| 26       | 279          | Nextera  | zone | Trail.   | Waterford | Co, VA, Frederick MD, MD               |   | \$296,366,167.00       |                | 1,3,4          |                | 3                        |           | 1                  | Χ              | 6/1/2027           | 9/1/2023           | 7/1/2025      | 45 months     |
| 1        |              |          |      |  |           |  | Potomac River, North                            |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
| 1        |              |          |      |  |           |  | River, Capon Chapel,<br>Appalachian Mountains,  |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | Shenandoah River,                               |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
| 1        |              |          |      |  |           |  | Millville Dam,                                  |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
| 1        |              |          |      |  |           |  | Appalachian Trail,                              |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | Waterford Historic                              |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      |  |           |  | District, Belmont &                             |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
| 1        |              |          |      |  |           |  | Ashburn Presbyterian                            |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      | Black Oak - Woodside - Gant, Woodside SVC +  |           |  | Church, Monongahela<br>River, Cheat Lake "An    |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      | Cap Banks - New Woodside 500/138 kV  |           |  | investigation to further                        |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
| 1        |              |          |      | substation + SVC + Cap Banks, new Black Oak -  |           |  | identify and evaluate                           |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      | Woodside - Gant 500 kV line, Gant 500 kV   |           |  | historic properties will be                     |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      | substation. Affecting Waterford 10C3. Crosses  |           |  | conducted to determine                          |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      | branches of the Potomac River and North River.   |           |  | the presence of                                 |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
|          |              |          |      | One historic structure, the Capon Chapel, was  |           |  | archaeologically or                             |                        |                |                |                |                          |           |                    |                |                    |                    |               |               |
| 27       | 247          | Novt     |      | identified within 1,000' of the transmission line.                                       |           | Loudoun, WVA, Frederick                | , ,   | ¢E10 000 004 00        |                | 267            |                | 3                        |           | 2                  | х              | 6/1/2027           | 0/1/2022           | 7/1/2025      | 4E menths     |
| 27       | 347          | Nextera  | zone | Crosses the Appalachian Trail.   | Waterford | Co, VA, Frederick MD, MD               | resources                                       | \$519,089,894.00       |                | 2,6,7          |                | 5                        |           | 2                  | ٨              | 6/1/2027           | 9/1/2023           | 7/1/2025      | 45 months     |

|    | Α      | В        | · ·      | D  | F                 | F                      | G                          | н                  | 1         |                | К        |               | М           | N            | 0     | D          | 0               | c             | т           |
|----|--------|----------|----------|--|-------------------|------------------------|----------------------------|--------------------|-----------|----------------|----------|---------------|-------------|--------------|-------|------------|-----------------|---------------|-------------|
| -  | PJM    | В        |          | U  |                   |                        | - G                        | "                  |           | ,              | K        |               | IVI         | NEW 500Kv    | NEW   | -          | Q               | 3             |             |
|    | PROPO  |          |          |  |                   |                        |                            |                    | PWC       | LOUDOUN        | FAUOUIER | NEW 500kV     | NEW 230kV   | SUB/SWITC    | ROW/A |            |                 | CONSTRUC      |             |
|    | SALS - |          |          |  |                   | VA COUNTY(s) &/or      | Waterway/Park/Historic     | TOTAL PROPOSAL     | COMPONENT | COMPONENT      | COMPONE  |               | Transmissio |              | -     | IN-SERVICE | CAP SPEND       | TION          |             |
| 1  | 72     | PROPOSER | ZONE     | MAJOR DETAILS                                    | NOTES             | STATE(s) IMPACTED      | al Community Impacted      | COST               | #         | #              | NT#      | ION LINE(S)   |             | STATION(S)   | LAND  | DATE       | START           |               | DURATION    |
| H  |        |          | 20.112   | III JON DE IVILLO                                | 110125            | 317112(3) IIIII 710123 | ar community impacted      | 6001               |           | "              |          | 1011 21112(0) | ii ziiic(s) | 5.7.1.0.1(6) | D     | 27112      | <b>017</b> III. | <b>377411</b> | 20.0.1.10.1 |
|    |        |          |          |  |                   |                        |                            |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          |  | Underground 230.  |                        |                            |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          |  | Missing from map: |                        | Potomac River,             |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          |  | Brighton          |                        | Chesapeake & Ohio          |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | New 500/230kV Bartholow substation, new          | substation and    |                        | National Historic Park,    |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | 500/230kV North Delta substation, new 230kV      | Conastone-        |                        | Sugarloaf Mountain         |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | Grisham switchyard, new 500/230kV Goram          | Brighton 500kV    |                        | Historic Landmark, 42      |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          | Dominion | substation - 7 new transmission lines: 2 500kV,  | upgrade           |                        | waterbodies, Appalachian   |                    |           |                |          |               |             |              |       |            |                 |               |             |
| 28 | 385    |          | zone     | 5 230kV; 4 new substations                       | (Component 19)    | Loudoun, MD, PA        | Highlands                  | \$1,238,657,537.00 |           | 9,10           |          | 2             | 5           | 4            | х     | 6/1/2028   | 9/1/2023        | 7/1/2025      | 57 months   |
|    |        |          |          |  |                   |                        |                            |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          |  |                   |                        |                            |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | Hunterstown - Doubs - Audobon - Goose Creek -    |                   |                        |                            |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | Doubs-Audobon: the Potomac River, transitions    |                   |                        |                            |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | underground to reduce viewshed impacts at        |                   |                        |                            |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | the Potomac river crossing, which is planned to  |                   |                        |                            |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | be a horizontal directional drill (HDD) crossing |                   |                        |                            |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | on the east side of the Leesburg Water           |                   |                        |                            |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | Treatment Plant. The line remains underground    |                   |                        |                            |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | for about 2 miles. The line is planned to HDD    |                   |                        |                            |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | under the Harry Byrd Hwy, to avoid major traffic |                   |                        |                            |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | impacts, before transitioning back overhead.     |                   |                        | Potomac River, Catoctin    |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | New 500kV Audobon-Goose Creek: Starting at       |                   |                        | Mountain, Monocacy         |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | the new Audobon substation the line routes       |                   |                        | River, Appalachian         |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | underground due to heavily developed area        |                   |                        | Mountains, W&OD Trail,     |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | constraining overhead construction of the new    |                   |                        | Belmont and Ashburn        |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | 500kV line. The line routes underground west     |                   |                        | Presbyterian Church,       |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | along the Gloucester Pkwy ROW, turns             |                   |                        | Potomac Heritage           |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | southwest at Smith Switch Rd, and then shifts    |                   |                        | National Scenic Trail, C&O |                    |           |                |          |               |             |              |       |            |                 |               |             |
|    |        |          |          | north east at the Washington and Old Dominion    |                   |                        | National Historic Park,    |                    |           |                |          |               |             |              |       |            |                 |               |             |
| 1  |        |          |          | Trail. At the intersection of Belmont Ridge Rd   |                   |                        | Muddy Creek, Waterford     |                    |           |                |          |               |             |              |       |            |                 |               |             |
| 1  |        |          |          | and Gloucester Pkwy, the line shifts to overhead |                   |                        | Historic District, North   |                    |           |                |          |               |             | l            |       |            |                 |               |             |
| 1  |        |          |          | construction and routes northwest to Cochran     |                   |                        | River, Shenandoah River,   |                    |           |                |          |               |             | l            |       |            |                 |               |             |
| 1  |        |          |          | Mill Rd. The line then follows Cochran Mill Rd   |                   |                        | Millville Dam, Beverly     |                    |           |                |          |               |             | l            |       |            |                 |               |             |
| 1  |        |          | Dominion | ROW for about 0.5 miles until terminating at the |                   | Loudoun, Frederick MD, | Historic District, Capon   |                    |           | 3,4,5,6,7,9,10 |          |               |             | l            |       |            |                 |               |             |
| 29 | 419    | Nextera  | zone     | Goose Creek substation. Cross Monocacy River.    | Underground 500   | PA, MD                 | Chapel                     | \$587,014,504.00   |           | ,11,12,13      |          | 3             | 3           | 1            | Х     | 6/1/2027   | 9/1/2023        | 7/1/2025      | 45 months   |

|     | Α      | В          | C        | D   | E                 | F                      | G                          | Н                |           | J              | K   | L           | М         | N          | 0     | Р          | Q        | S        | T         |
|-----|--------|------------|----------|---|-------------------|------------------------|----------------------------|------------------|-----------|----------------|-----|-------------|-----------|------------|-------|------------|----------|----------|-----------|
|     | PJM    |            |          |   |                   |                        |                            |                  |           |                |     |             |           | NEW 500Kv  | NEW   |            |          |          |           |
|     | PROPO  |            |          |   |                   |                        |                            |                  | PWC       | LOUDOUN        |     | NEW 500kV   |           | SUB/SWITC  | ROW/A |            |          | CONSTRUC |           |
|     | SALS - |            |          |   |                   |                        | Waterway/Park/Historic     | TOTAL PROPOSAL   | COMPONENT | COMPONENT      |     | TRANSMISS   |           | HING       |       | IN-SERVICE |          | TION     |           |
| _ 1 | 72     | PROPOSER   | ZONE     | MAJOR DETAILS                                     | NOTES             | STATE(s) IMPACTED      | al Community Impacted      | COST             | #         | #              | NT# | ION LINE(S) | n Line(s) | STATION(S) | LAND  | DATE       | START    | START    | DURATION  |
|     |        |            |          |   |                   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          |   |                   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          |   |                   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | Muddy Creek / Delta - Conastone /                 |                   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | Hunterstown - Doubs - Goose Creek Solution - 2    |                   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | new 500kv lines, new substations, rebuilds.       |                   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | Approximately 20% of the new Doubs-Goose          |                   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | Creek 500kV route will be underground in          |                   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | narrower and congested areas where overhead       |                   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | construction was considered not feasible.         |                   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | Where underground transmission line segments      |                   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | are not sited by permits issued by the Authority  |                   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | Having Jurisdiction, a 25 ft wide right of way    |                   |                        | Potomac River, Catoctin    |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | would be required for construction. until the     |                   |                        | Mountain, Monocacy         |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | Potomac River, where it transitions underground   |                   |                        | River, Appalachian         |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | to reduce viewshed impacts at the river crossing, |                   |                        | Mountains, W&OD Trail,     |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | which is planned to be a horizontal directional   |                   |                        | Belmont and Ashburn        |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | drill (HDD) crossing on the east side of the      |                   |                        | Presbyterian Church,       |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | Leesburg Water Treatment Plant. The line again    |                   |                        | Potomac Heritage           |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | co-locates with the existing transmission ROW     |                   |                        | National Scenic Trail, C&O |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | and remains underground for about 3 miles until   |                   |                        | National Historic Park,    |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | reaching the existing Goose Creek substation      |                   |                        | Muddy Creek, Waterford     |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | where it will transition to overhead and then     |                   |                        | Historic District, North   |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | terminate into the bus expansion. The line is     |                   |                        | River, Shenandoah River,   |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | planned to HDD under the Harry Byrd Hwy, to       |                   |                        | Millville Dam, Beverly     |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | avoid major traffic impacts. Cross Monocacy       |                   | Loudoun, Frederick MD, | Historic District, Capon   |                  |           | 2.0            |     | 2           | 2         |            | .,    | . / . /    | . /. /   | - /- /   |           |
| 3   | 445    | Nextera    | zone     | River.  | Underground 500   | PA, MD                 | Chapel                     | \$698,934,227.00 |           | 2,9            |     | 3           | 2         | 4          | Х     | 6/1/2027   | 9/1/2023 | 7/1/2025 | 45 months |
|     |        |            |          |   |                   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | Maryland & Pennsylvania Baseline Reliability      |                   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | Solution - NEW 230kV line Rice-Ringgold, New      |                   | Loudoun, Warren,       |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            | MAAC     | 500kV substation Furnace Run, PA; multiple        |                   | Frederick MD, MD, PA,  | None called out in         |                  |           |                |     |             |           |            |       |            |          |          |           |
| 3   | 487    | Transource | zone     | substation upgrades 115kV ->500kV                 |                   | WVA                    | redacted info provided     | \$553,046,011.00 |           | 10,25          |     |             | 1         | 2          | Х     | 3/1/2027   | 7/1/2023 | 3/1/2025 | 44 months |
|     |        |            |          |   |                   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          |   |                   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          |   | Why is 765kV in   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          |   | map legend? -     |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          |   | Aspen? Maps       |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
| 1   |        |            |          |   | dated 8/30/23 for |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
| 1   |        |            |          |   | FE 23 and 837     |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
|     |        |            |          | Interregional solution- Aspen-Doubs Second        | showed Aspen as   |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
| 1   |        |            |          | 500 kV Line - New 500kV Aspen-Doubs,              | 765kV Greenfield  |                        |                            |                  |           |                |     |             |           |            |       |            |          |          |           |
| 1   |        |            |          | multiple line rebuilds, Hamilton substation       | substation. Aspen |                        |                            |                  |           | 1,2,3,4,5,6,7, |     |             |           |            |       |            |          |          |           |
| 1   |        |            | Dominion | reset, Ox (Occoquan) substation breaker           |                   | Loudoun, Fairfax Co,   |                            |                  |           | 8,9,10,11,13,  |     |             |           |            |       |            |          |          |           |
| 3   | 516    | Dominion   | zone     | replacement                                       | proposal scope.   | Frederick MD           | Hamilton, Goose Creek      | \$66,105,092.00  |           | 14             |     | 1           |           |            | Х     | 12/1/2027  | 6/1/2025 | 6/1/2026 | 30 months |

|    | Α               | В          | С              | D   | E               | F   | G   | Н                      | I                | J                 | K                   | L                        | М           | N                  | 0               | Р          | Q         | S             | T         |
|----|-----------------|------------|----------------|---|-----------------|---|---|------------------------|------------------|-------------------|---------------------|--------------------------|-------------|--------------------|-----------------|------------|-----------|---------------|-----------|
|    | PJM             |            |                |   |                 |   |   |                        |                  |                   |                     |                          |             | NEW 500Kv          | NEW             |            |           |               |           |
|    | PROPO<br>SALS - |            |                |   |                 | VA COUNTY(-) 9 /                                    | 14/-4/D/Ui-4i-  | TOTAL DRODOCAL         | PWC<br>COMPONENT | LOUDOUN COMPONENT | FAUQUIER<br>COMPONE | NEW 500kV<br>TRANSMISS   | NEW 230kV   | SUB/SWITC          | ROW/A<br>CQUIRE | IN-SERVICE | CAD CDEND | CONSTRUC      |           |
| 1  |                 | PROPOSER   | ZONE           | MAJOR DETAILS   | NOTES           | VA COUNTY(s) &/or<br>STATE(s) IMPACTED              | Waterway/Park/Historic<br>al Community Impacted   | TOTAL PROPOSAL<br>COST | #                | #                 | NT#                 | INANSMISS<br>ION LINE(S) |             | HING<br>STATION(S) | LAND            | DATE       | START     | TION<br>START | DURATION  |
| H  |                 | T ROT OSER | ZONE           | MAGNIFICE   | NOTES           | STATE(S) IVII ACTED                                 | ar community impacted   | 6031                   | "                | "                 | 141 #               | IOIT LINE(S)             | ii Eilic(3) | JIAHON(S)          | LAND            | DAIL       | JIANI     | JIANI         | DOMATION  |
|    |                 |            | MAAC/Do        | New 500/230kV Bartholow substation, new 500/230kV North Delta substation, new 230kV Girisham switchyard, new 500/230kV Goram substation - 7 new transmission lines: 2 500kV, 5 230kV; 4 new substations. New 230kV line from new Bartholow to new Grisham partially undergrounded under the Potomac River until Crosstrail and Rte. 7. Crosses Potomac, C&O   |                 |   | Potomac River,<br>Chesapeake & Ohio<br>National Historic Park,<br>Sugarloaf Mountain<br>Historic Landmark, 42 |                        |                  |                   |                     |                          |             |                    |                 |            |           |               |           |
| 1  | 564             | Nextera    | minion<br>zone | National Historic Park. Adjacent to Sugarloaf<br>Mtn. Historic Landmark.  | Underground 230 |   | waterbodies, Appalachian<br>Highlands   | \$947,353,571.00       |                  | 16,17             |                     | 2                        | 6           | 4                  | х               | 6/1/2028   | 9/1/2023  | 7/1/2025      |           |
| 34 | 600             | Exelon     |                | Exelon Replacement Upgrades - Replace overloaded assets. Edwards Ferry-Dickerson Station in Loudoun, the rest in MD & PA: Brighton Otter Creek. Potomac crossing VA-MD line - Component 21 & 27. This proposal focuses primarily on replacing overloaded assets within PECO, BGE, and PEPCO on an asset-by-asset basis (e.g. reconductoring existing lines, replacing terminal equipment, etc.). These 500kV and 230kV upgrades will provide incremental transmission capacity throughout the Exelon MidAtlantic territory and each upgrade within this proposal can be additive to both Exelon MidAtlantic and non-Exelon MidAtlantic proposals that PJM may be considering. The Replacement Upgrades require no new right-of-way. |                 | Loudoun, MD, PA                                     | Potomac River, No other<br>locations included in<br>redacted information                                      | \$457,896,831.00       |                  | 21,22,26,27       |                     |                          |             |                    | ?R              | 12/1/2027  | 1/1/2024  | 3/1/2025      | 47 months |
|    | 642             | Nextera    | Dominion       | 502 Junction - Black Oak - Woodside - Gant,<br>Woodside SVC + Cap Banks, Gant - Farmwell,<br>Cochran Tap - Round Table - 4 new 500kV lines,<br>incl. new Woodside (new W.Va)-Goose Creek<br>500kV line (affecting Waterford 10C3), 2 new<br>500kv substations. Crosses Potomac, North,<br>and Monongahela Rivers and Cheat Lake. Capon<br>Chapel within 1000' of transmission tower.<br>Crosses Appalachian Trail.  | Waterford       | Loudoun, WVA, Frederick<br>Co, VA, Frederick MD, MD |   | \$803,194,774.00       |                  | 2                 |                     | 4                        | ,           | 2                  | x               |            | 9/1/2023  |               |           |

|    | Α               | В        | С                | D   | E  | F   | G   | Н                  | 1                | J                              | K   | L                      | М         | N                 | 0               | Р          | Q          | S                | Т         |
|----|-----------------|----------|------------------|---|--|---|---|--------------------|------------------|--------------------------------|-----|------------------------|-----------|-------------------|-----------------|------------|------------|------------------|-----------|
|    | PJM             |          |                  |   |  |   |   |                    |                  |                                |     |                        |           | NEW 500Kv         | NEW             |            |            |                  |           |
|    | PROPO<br>SALS - |          |                  |   |  | VA COUNTY(s) &/or                                   | Waterway/Park/Historic                                | TOTAL PROPOSAL     | PWC<br>COMPONENT | LOUDOUN COMPONENT              |     | NEW 500kV<br>TRANSMISS | NEW 230kV | SUB/SWITC<br>HING | ROW/A<br>CQUIRE | IN-SERVICE | CAD SDENID | CONSTRUC<br>TION |           |
| 1  |                 | PROPOSER | ZONE             | MAJOR DETAILS   | NOTES                                    | STATE(s) IMPACTED                                   | al Community Impacted                                 | COST               | #                | #                              | NT# | ION LINE(S)            | n Line(s) | STATION(S)        | LAND            | DATE       | START      |                  | DURATION  |
|    |                 |          |                  |   |  | ` '   | , ,   |                    |                  |                                |     | , ,                    | ,,        | ```               |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   |   |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   | Map has High                             |   |   |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   | Ridge substation in<br>two places on the |   |   |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   | same map - one in                        |   |   |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   | MD near Brighton                         |   |   |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   | and the other on                         |   |   |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  | <u>West Cooper BGE-PEPCO</u> - 3 new 500kV lines,<br>incl. Goose Creek-Doubs, line and substation | the MD-PA border.<br>Only the location   |   | Potomac River, No other                               |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          | MAAC             | rebuilds. BGE and PEPCO portions of West  |  | Loudoun, Frederick MD,                              | locations included in                                 |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
| 36 | 660             | Exelon   | zone             | Cooper Solution (Exelon-full solution).   | is correct.                              | PA, MD  | redacted information                                  | \$1,223,353,876.00 |                  | 10,19,22                       |     | 5                      | 2         | 2                 | Х               | 12/1/2030  | 2/1/2024   | 2/1/2024         | 82 months |
|    |                 |          |                  |   |  |   | Potomac River, North                                  |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | River, Capon Chapel,                                  |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | Appalachian Mountains,                                |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | Shenandoah River,                                     |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | Millville Dam,<br>Appalachian Trail,                  |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | Waterford Historic                                    |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | District, Belmont &                                   |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | Ashburn Presbyterian                                  |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | Church, Monongahela<br>River, Cheat Lake "An          |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  | Black Oak - Stonewall - Gant, Stonewall SVC +   |  |   | investigation to further                              |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  | Cap Banks, Gant - Farmwell, Cochran Tap -   |  |   | identify and evaluate                                 |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  | Round Table Solution - 3 new 500kV lines, incl.<br>new 500kV Woodside (new W.Va)-Goose Creek      |  |   | historic properties will be<br>conducted to determine |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  | line (affecting Waterford 10C3), 2 new 500kV  |  |   | the presence of                                       |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  | substations. Crosses Potomac and North River.   |  |   | archaeologically or                                   |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  | Capon Chapel within 1000' of transmission   |  | Loudoun, WVA, Frederick                             |   |                    |                  | 2                              |     | 3                      | -         | _                 | .,              | . /. /     | . / . /    | - /- /           |           |
| 37 | 676             | Nextera  | zone             | tower. Crosses Appalachian Trail.   | Waterford                                | Co, VA, MD  | resources"  | \$591,487,436.00   |                  | 2                              |     | 3                      | 2         | 2                 | Х               | 6/1/2027   | 9/1/2023   | 7/1/2025         | 45 months |
|    |                 |          |                  |   |  |   | Potomac River, North                                  |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | River, Capon Chapel,                                  |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | Appalachian Mountains,                                |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | Shenandoah River,<br>Millville Dam,                   |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | Appalachian Trail,                                    |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | Waterford Historic                                    |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | District, Belmont &                                   |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | Ashburn Presbyterian<br>Church, Monongahela           |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | River, Cheat Lake "An                                 |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | investigation to further                              |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  |   |  |   | identify and evaluate                                 |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
| 1  |                 |          |                  | Ft. Martin - Black Oak - Woodside, Woodside   |  |   | historic properties will be<br>conducted to determine |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  | SVC + Cap Banks Solution - 4 new 500kV lines,   |  |   | the presence of                                       |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          | Daminio          | incl. new 500kV Woodside (new W.Va)-Goose   |  | Laudaura MANA Farabi dal                            | archaeologically or                                   |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
| 38 | 685             | Nextera  | Dominion<br>zone | Creek line (affecting Waterford 10C2), 1 new 500kV substation                                     | Waterford                                | Loudoun, WVA. Frederick<br>Co. VA, Frederick MD, MD |   | \$655,036,501.00   |                  | 1,3,4                          |     | 2                      |           | 1                 | х               | 6/1/2027   | 9/1/2023   | 7/1/2025         | 45 months |
| ٣  |                 |          |                  |   |  | ,   |   | , , ,              |                  | -,-,                           |     | _                      |           | _                 |                 | -,-,       | .,.,       | , _,             |           |
|    |                 |          |                  |   |  |   |   |                    |                  |                                |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  | <u>Data Center Alley Local solution</u> - New 500<br>kV/230 kV Aspen-Golden & Golden-Mars lines - | Map calls out Mars<br>as Greenfield      |   |   |                    |                  | 1,2,3,4,5,6,7,                 |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  | 3 new 500kV lines incl. Brambleton-Aspen,   | 500kV - proposal                         |   |   |                    |                  | 8,9,10,11,12,                  |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  | · ·   | Component 19 is                          |   |   |                    |                  | 13,14,15,16,1                  |     |                        |           |                   |                 |            |            |                  |           |
|    |                 |          |                  | multiple substations. "Robust, holistic,  | upgrade. New                             |   |   |                    |                  | 7,18,19,20,21                  |     |                        |           |                   |                 |            |            |                  |           |
| 1  |                 |          | Dominion         | expandable solution to address needs in the<br>NoVa Data Center Alley.' Lines cross Goose         | ROW for Aspen-<br>Goose Creek - no       |   |   |                    |                  | ,22,23,24,25,<br>26,27,28,29,3 |     |                        |           |                   |                 |            |            |                  |           |
| 39 | 692             | Dominion | zone             | Creek, Broad Run  |  | All in Loudoun                                      | Goose Creek, Broad Run                                | \$1,060,579,078.00 |                  | 0,31,32                        |     | 2                      | 2         | 2                 | Х               | 12/1/2027  | 12/1/2024  | 12/1/2025        | 36 months |

|     | Α      | В             | С            | D   | E                   | F                                     | G  | Н                  | 1         | J         | K        | L           | М           | N          | 0      | Р          | 0          | S         | Т         |
|-----|--------|---------------|--------------|---|---------------------|---------------------------------------|--|--------------------|-----------|-----------|----------|-------------|-------------|------------|--------|------------|------------|-----------|-----------|
|     | PJM    | -             |              |   | _                   |                                       | -  | •                  |           | _         |          | _           |             | NEW 500Kv  | NEW    |            |            |           |           |
|     | PROPO  |               |              |   |                     |                                       |  |                    | PWC       | LOUDOUN   | FAUQUIER | NEW 500kV   | NEW 230kV   | SUB/SWITC  | ROW/A  |            |            | CONSTRUC  |           |
|     | SALS - |               |              |   |                     | VA COUNTY(s) &/or                     | Waterway/Park/Historic                       | TOTAL PROPOSAL     | COMPONENT | COMPONENT | COMPONE  | TRANSMISS   | Transmissio | HING       | CQUIRE | IN-SERVICE | CAP SPEND  | TION      |           |
| 1   | 72     | PROPOSER      | ZONE         | MAJOR DETAILS   | NOTES               | STATE(s) IMPACTED                     | al Community Impacted                        | COST               | #         | #         | NT#      | ION LINE(S) | n Line(s)   | STATION(S) | LAND   | DATE       | START      | START     | DURATION  |
|     |        |               |              |   |                     |                                       |  |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              |   |                     |                                       | Potomac River, North                         |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              |   |                     |                                       | River, Capon Chapel,                         |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              |   |                     |                                       |  |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              |   |                     |                                       | Appalachian Mountains,                       |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              |   |                     |                                       | Shenandoah River,                            |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              |   |                     |                                       | Millville Dam,                               |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              |   |                     |                                       | Appalachian Trail,                           |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              |   |                     |                                       | Waterford Historic                           |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              |   |                     |                                       | District, Belmont &                          |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              |   |                     |                                       | Ashburn Presbyterian                         |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              |   |                     |                                       | Church, Monongahela                          |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              |   |                     |                                       | River, Cheat Lake "An                        |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              |   |                     |                                       | investigation to further                     |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              |   |                     |                                       | identify and evaluate                        |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              |   |                     |                                       | historic properties will be                  |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               | 1            |   |                     |                                       | conducted to determine                       |                    |           |           |          |             |             |            |        |            |            |           | 1         |
|     |        |               |              | Ft. Martin - Black Oak - Pike, Pike SVC + Cap                                       |                     |                                       | the presence of                              |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              | Banks Solution - 4 new 500kV lines, incl. new                                       |                     |                                       | archaeologically or                          |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              | 500kV Woodside (new W.Va)-Goose Creek line  |                     | Loudoun, Frederick Co                 | historically significant                     |                    |           |           |          |             |             |            |        |            |            |           |           |
| 40  | 719    | Nextera       | zone         | (affecting Waterford 10C2)  | Waterford           | VA, WVA                               | resources"                                   | \$645,460,272.00   |           | 1,3,4     |          | 4           |             | 1          | Х      | 6/1/2027   | 9/1/2023   | 7/1/2025  | 45 months |
|     |        |               |              |   |                     |                                       |  |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              |   |                     |                                       |  |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              | Barnhart Substation, Bartholow Substation,  |                     |                                       |  |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              | Barnhart - Bartholow - Goose Creek solution -                                       |                     |                                       |  |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              | New 500kV Barnhart-Bartholow-Goose Creek,   |                     |                                       |  |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              | New Bartholow 500kV switchyard, new Barnhart  |                     |                                       |  |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              | substation. Crosses 9 national wetland  |                     |                                       |  |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              | inventory wetlands and 33 waterbodies. Cross  |                     |                                       | Potomac River, C&O                           |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              | Potomac River, including Chesapeake & Ohio  |                     |                                       | National Historic Park,                      |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              | National Historic Park. <u>Underground partial</u>                                  |                     |                                       | Sugarloaf Mountain                           |                    |           |           |          |             |             |            |        |            |            |           |           |
| 41  | 728    | Nextera       | zone         | Bartholow-Goose Creek.  | Underground 500     | Loudoun, MD                           | Historic Landmark                            | \$414,408,281.00   |           | 1,3       |          | 2           |             | 2          | Х      | 6/1/2027   | 9/1/2023   | 7/1/2025  | 45 months |
|     |        |               |              |   |                     |                                       |  |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              | Proposal G - Peach Bottom-New Brandon   |                     |                                       |  |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              | Shores 500kV; Peach Bottom-Doubs 500kV  |                     |                                       |  |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              | Belmont, Doubs-Conastone-Peach Bottom,  |                     |                                       |  |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              | Waugh Chapel-Peach Bottom. 2 new 500kV  |                     |                                       |  |                    |           |           |          |             |             |            |        |            |            |           |           |
|     | 744    | DCEC          | MAAC<br>zone | lines, 1 new 500 kV substation. Impacts to  |                     | Loudoun, Frederick MD,<br>MD, PA      | None called out in<br>redacted info provided | 44 455 540 005 00  |           | 10        |          | 2           |             | 1          | х      | 6/4/2020   | 4 /4 /2024 | 44/4/2025 | 53        |
| 42  | 741    | PSEG          | zone         | Patapsco River, Chesapeake?   |                     | MD, PA                                | redacted into provided                       | \$1,166,518,086.00 |           | 10        |          | 2           |             | 1          | Α      | 6/1/2028   | 1/1/2024   | 11/1/2025 | 53 months |
|     |        |               | 1            |   |                     |                                       |  |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               | 1            |   | Is there an         |                                       |  |                    |           |           |          |             |             |            |        |            |            |           | - 1       |
|     |        |               |              | L   | eventual plan affot |                                       | Substation upgrades                          |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               | 1            | Data Center Reinforcement Proposal #1 -(old   | within PJM and TO   |                                       | don't name streams or                        |                    |           |           |          |             |             |            |        |            |            |           | - 1       |
|     |        |               |              | PATH) Four new 500kV lines PA/W.VA-Doubs-   | providers to        |                                       | wetlands needing                             |                    |           |           |          |             |             |            |        |            |            |           | l         |
|     |        |               | 1            | Goose Creek, multiple sustation upgrades and  | extend a NEW        |                                       | mitigations; 14 WVA, VA,                     |                    |           |           |          |             |             |            |        |            |            |           | - 1       |
|     |        |               |              | line rebuilds. 'Robust, expandable transmission                                     | 765kV line from     |                                       | MD Rivers (not named),                       |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               | 1            | solution to address Window 3 violations. Ensure                                     | the NEW Yeat        |                                       | Youghiogheny state                           |                    |           |           |          |             |             |            |        |            |            |           | - 1       |
|     |        |               |              | PJM system safely and reliably accommodate  | substation in       |                                       | scenic River, C&) Canal                      |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               |              | future load growth. Review in conjunction with                                      | Fauquier VA         |                                       | National Park, 9 wetlands,                   |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               | 1            | 129 (PWC) and 660 (Loudoun). Crosses  | (Transource 904)    |                                       | 5 parks, Shenandoah                          |                    |           |           |          |             |             |            |        |            |            |           | - 1       |
|     |        |               | 1            | Monongahela National Forest, State Park Land,                                       | to an upgraded      |                                       | River, Potomac River,                        |                    |           |           |          |             |             |            |        |            |            |           | - 1       |
|     |        |               | 1            | C&O Canal National Park (and parallels it),   | Aspen 765kV         |                                       | Appalachian Trail,                           |                    |           |           |          |             |             |            |        |            |            |           | 1         |
|     |        |               |              | Youghiogheny River (state scenic river),  | substation in       |                                       | Monongahela National                         |                    |           |           |          |             |             |            |        |            |            |           |           |
|     |        |               | 1            | Shenandoah River, Potomac River, Monocacy   | Loudoun VA??        |                                       | Forest and State Park                        |                    |           |           |          |             |             |            |        |            |            |           | - 1       |
|     |        |               | 1            | River, Appalachian Trail, Dickerson Conservation                                    | Junction            | Loudoup Fradarisk * * -               | Land, Dickerson                              |                    |           |           |          |             |             |            |        |            |            |           | - 1       |
| 1.0 | 837    | First F       | ADS 200-     | Park. Addresses P5 contingencies at Junction<br>substation. Multiple condemnations. | from map            | Loudoun, Frederick Md,<br>WVA, PA, MD | Conservation Park,<br>Monocacy River         | \$3,400,292,159.00 |           | 16.17     |          | 4           | 2           |            | x      | 6/1/2020   | 10/1/2023  | 10/1/2027 | 90 mo-+h- |
| 43  | 03/    | i iist chergy | Ar 3 ZUITE   | substation, waitiple condennations.   | ıı viii iiiaþ       | vv vA, FA, IVIU                       | INTOTIOCACY INVES                            | \$5,4UU,ZYZ,15Y.UU |           | 10,17     |          | 4           |             |            | ^      | 0/1/2030   | 10/1/2023  | 10/1/202/ | oo months |

|    | Α            | В          | С        | D   | E                               | F  | G   | Н                  | I                | J              | K        | L           | М         | N                 | 0            | Р          | Q         | S        | T         |
|----|--------------|------------|----------|---|---------------------------------|--|---|--------------------|------------------|----------------|----------|-------------|-----------|-------------------|--------------|------------|-----------|----------|-----------|
|    | PJM<br>PROPO |            |          |   |                                 |  |   |                    | DIALC            | LOUDOUN        | FAUQUIER | NEW 500kV   | NEW 230kV | NEW 500Kv         | NEW<br>ROW/A |            |           | CONSTRUC |           |
|    | SALS -       |            |          |   |                                 | VA COUNTY(s) &/or                                | Waterway/Park/Historic  | TOTAL PROPOSAL     | PWC<br>COMPONENT |                |          | TRANSMISS   |           | SUB/SWITC<br>HING | CQUIRE       | IN-SERVICE | CAP SPEND | TION     |           |
| 1  |              | PROPOSER   | ZONE     | MAJOR DETAILS   | NOTES                           | STATE(s) IMPACTED                                | al Community Impacted   | COST               | #                | #              | NT#      | ION LINE(S) | n Line(s) | STATION(S)        | LAND         | DATE       | START     | _        | DURATION  |
|    | 72           | PROPOSER   |          | Hunterstown - Doubs - Goose Creek, Black Oak - Woodside - Goose Creek, Stonewall SVC + Cap Banks - 5 new 500kV lines, incl. new 500kV woodside (new W.Va)-Goose Creek line (affecting Waterford 10C2), multiple 500kV substation expansions. Doubs-Goose Creek partial underground transitions underground to reduce viewshed impacts at the river crossing, which is planned to be a horizontal directional drill (HDD) crossing on the east side of the Leesburg Water Treatment Plant. The line again co-locates with the existing transmission ROW and remains underground for about 3 miles until reaching the existing Goose Creek substation where it will transition to overhead and then |                                 |  | Potomac River, Catoctin<br>Mountain, Monocacy<br>River, Appalachian<br>Mountains, W&OD Trail,<br>Belmont and Ashburn<br>Presbyterian Church,<br>Potomac Heritage<br>National Scenic Trail, C&O<br>National Historic Park,<br>Muddy Creek, Waterford<br>Historic District, North | COST               | #                | #              | NI#      | ION LINE(S) | n Line(s) | STATION(S)        | LAND         | DATE       | START     | START    | DURATION  |
|    |              |            |          | terminate into the bus expansion. The line is   | NEW Woodside(or                 |  | River, Shenandoah River,  |                    |                  |                |          |             |           |                   |              |            |           |          |           |
|    |              |            | Dominio- | planned to HDD under the Harry Byrd Hwy, to   | Pike) Goose Creek<br>500kV line | Loudoun, Frederick Co.<br>VA, Frederick MD, WVA, | Millville Dam, Beverly  |                    |                  |                |          |             |           |                   |              |            |           |          |           |
| 44 | 846          | Nextera    |          | avoid major traffic impacts. Under Potomac<br>River.  |                                 | VA, Frederick MD, WVA,<br>PA                     | Historic District, Capon<br>Chapel  | \$966,121,934.00   |                  | 1,4,9,11       |          | 6           |           | 3                 | х            | 6/1/2027   | 9/1/2023  | 7/1/2025 | 45 months |
| 45 | 853          | Nextera    |          | 502 Junction - Black Oak - Woodside - Gant,<br>Woodside SVC + Cap Banks - 4 new 500kV lines,<br>incl. new 500kV Woodside (W.Va)-Goose Creek<br>line (affecting Waterford 10C3), 2 new 500kV<br>substations and other 500kV substation<br>expansions   | Waterford                       |  |   | \$730,797,212.00   |                  | 2              |          | 4           |           | 3                 | х            | 6/1/2027   | 9/1/2023  | 7/1/2025 | 45 months |
|    |              |            | Dominion | Stork - Flys 500kV Greenfield Line and Substations - New underground 500kV Stork to Flys line, new 500kV Stork and Flys substations, multiple 230kV line rebuilds and substation upgrades. No justification for proposal  |                                 |  | Beaverdam Creek?, Broad   |                    |                  | 1,2,3,4,5,6,7, |          |             |           |                   |              |            |           |          |           |
| 46 | 858          | Transource |          | provided.  New 500/230kV Bartholow substation, new 500/230kV North Delta substation, new 230kV Grisham switchyard, new 500/230kV Goram substation, and Keeney to Waugh Chapel tie-in. Crosses Potomac River, C&) National Historic Park, adjacent to Sugarloaf Mtn Historic Landmark, Chesapeake and Delaware Canal and Chesapeake Bay, 7 new transmission lines - 2 SOOKV. 4 new substations. Multiple rebuilds,   | Underground 500                 |  | Elixir Farm, Potomac<br>River, Chesapeake & Ohio<br>National Historic Park,<br>Sugarloaf Mountain<br>Historic Landmark,<br>Chesapeake and Delaware  | \$592,564,487.00   |                  | 8,9,10,11      |          | 1           |           | 2                 | X            | 12/1/2027  | 12/1/2023 | 4/1/2025 | 48 months |
| 47 | 948          | Nextera    | zone     |   | Underground 230                 |  | Canal, Chesapeake Bay   | \$1,724,434,379.00 |                  | 10,11          |          | 2           | 7         | 4                 | Х            | 6/1/2028   | 9/1/2023  | 7/1/2025 | 57 months |

|     | Α            | В          | С                | D  | E              | F                                   | G   | Н                        | ı   | J         | K        | L           | М           | N                      | 0            | Р          | Q         | S         | T             |
|-----|--------------|------------|------------------|--|----------------|-------------------------------------|---|--------------------------|-----|-----------|----------|-------------|-------------|------------------------|--------------|------------|-----------|-----------|---------------|
|     | PJM<br>PROPO |            |                  |  |                |                                     |   |                          | PWC | LOUDOUN   | FAUQUIER | NEW 500kV   | NEW 230kV   | NEW 500Kv<br>SUB/SWITC | NEW<br>ROW/A |            |           | CONSTRUC  |               |
|     | SALS -       |            |                  |  |                | VA COUNTY(s) &/or                   | Waterway/Park/Historic                            | TOTAL PROPOSAL           |     | COMPONENT | COMPONE  | TRANSMISS   | Transmissio | HING                   | CQUIRE       | IN-SERVICE | CAP SPEND | TION      |               |
| 1   | 72           | PROPOSER   | ZONE             | MAJOR DETAILS  | NOTES          | STATE(s) IMPACTED                   | al Community Impacted                             | COST                     | #   | #         | NT#      | ION LINE(S) | n Line(s)   | STATION(S)             | LAND         | DATE       | START     | START     | DURATION      |
|     |              |            |                  |  |                |                                     | Potomac River, North                              |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  |  |                |                                     | River, Capon Chapel,<br>Appalachian Mountains,    |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  |  |                |                                     | Shenandoah River,                                 |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  |  |                |                                     | Millville Dam,                                    |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  |  |                |                                     | Appalachian Trail,                                |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  |  |                |                                     | Waterford Historic<br>District, Belmont &         |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  |  |                |                                     | Ashburn Presbyterian                              |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  |  |                |                                     | Church, Monongahela                               |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  |  |                |                                     | River, Cheat Lake "An<br>investigation to further |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  | Black Oak - Gore - Goose Creek, Pike SVC + Cap   |                |                                     | identify and evaluate                             |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  | Bank Solution - 3 new 500kv lines, incl. new   |                |                                     | historic properties will be                       |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  | 500kV Woodside (new W.Va)-Goose Creek line   |                |                                     | conducted to determine                            |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  | (affecting Waterford 10C2), new Pike 500kV substation, new Pike-Goose Creek 500kV line |                |                                     | the presence of<br>archaeologically or            |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            | Dominion         | affecting Beverly historic district. Cross   |                | Loudoun, Frederick Co.              | historically significant                          |                          |     |           |          |             |             |                        |              |            |           |           |               |
| 48  | 951          | Nextera    | zone             | Potomac, North, Shenandoah Rivers  | Waterford      | VA, WVA, MD                         | resources"  | \$448,962,117.00         |     | 1,3,4     |          | 3           |             | 1                      | Х            | 6/1/2027   | 9/1/2023  | 7/1/2025  | 45 months     |
|     |              |            |                  | Proposal H - Peach Bottom-Doubs 500kV  |                |                                     |   |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            | MAAC/D           | (Circuits #1 and #2) - 2 new 500kV lines,  |                |                                     |   |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            | minion           | Pleasant View-Goose Creek-Doubs-Peach<br>Bottom, upgrade 4 lines to 500kV, upgrade     |                | Loudoun, Frederick MD,              | None called out in                                |                          |     |           |          |             |             |                        |              |            |           |           |               |
| 49  | 962          | PSEG       | zone             | substations  |                | MD, PA                              | redacted info provided                            | \$1,071,041,738.00       |     | 2,11,12   |          | 2           |             |                        | х            | 6/1/2028   | 1/1/2024  | 11/1/2025 | 53 months     |
|     |              |            |                  |  |                |                                     |   |                          |     |           |          |             |             |                        |              |            |           |           |               |
| 50  |              |            |                  |  |                |                                     |   | \$26,745,769,448.00      |     |           |          |             |             |                        |              |            |           |           |               |
| 51  |              |            |                  |  |                |                                     |   |                          |     |           |          |             |             |                        |              |            |           |           |               |
| 52  | fax Co       | untv prop  | osals wi         | th maps: 2 (PWC & Loudoun NOT i  | n these propos | als)                                |   |                          |     |           |          |             |             |                        |              |            |           |           |               |
| Ħ   | 10           | , p        |                  |  | попосо растрос | ,                                   |   |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  | Proposal C - Hunterstown-New Green Valley  |                |                                     |   |                          |     |           |          |             |             |                        |              |            |           |           |               |
| 53  | 229          | PSEG       | PSEG zone        | <u>500kV</u> - Ox (Occoquan) substation upgrade<br>500kV breaker to 50kA               |                | Fairfax Co, Frederick MD,<br>MD, PA | No details provided in<br>redacted info           | \$575,395,120.00         |     |           |          | 1           | 1           | 1                      | X<br>(230kV) | 6/1/2027   | 11/1/2025 | 1/1/2024  | 41 months     |
| -55 | LLJ          | 1020       |                  |  |                |                                     |   | <i>\$313,333,</i> 120.00 |     |           |          |             | -           |                        |              | 0,1,202,   | 11/1/2025 | 1/1/2021  | 12 1110111115 |
| 54  | 637          | PSEG       | PSEG/APS<br>zone | Proposal D-Conastone-Doubs 500kV - Upgrade Ox substation (Occoquan) to 500kV           |                | Fairfax Co, Frederick MD,<br>PA, MD | No details provided in<br>redacted info           | \$320,064,281.00         |     |           |          | 1           | 1           |                        | X<br>(230kV) | 6/1/2027   | 1/1/2024  | 11/1/2025 | 41 months     |
|     | 057          | 1020       |                  |  |                |                                     |   |                          |     |           |          | _           |             |                        | (=====)      | 0,1,202,   | 1,1,202   | 11/1/2025 | 12 1110111115 |
| 55  |              |            |                  |  |                |                                     |   | \$895,459,401.00         |     |           |          |             |             |                        |              |            |           |           |               |
| 56  |              |            |                  |  |                |                                     |   |                          |     |           |          |             |             |                        |              |            |           |           |               |
| 57  | er Cou       | ntv propos | sals with        | maps: 2 (PWC, Loudoun & Fairfax  | NOT in these n | roposals)                           |   |                          |     |           |          |             |             |                        |              |            |           |           |               |
| 3,  |              | , p. 0000  | 20.0 201611      | 1. 1. 0, 10000011 & 1 01110A   | these p        |                                     |   |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  |  |                |                                     |   |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  | Lines #541 (Front Royal to Morrisville) Rebuild -                                      |                |                                     |   |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  | Morrisville-Front Royal - Rebuild 47 miles. Rebuilding approximately 47 miles of the   |                |                                     |   |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  | transmission line from Front Royal to Morrisville                                      |                |                                     |   |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  | substation to current 500 kV standards. The line                                       |                |                                     |   |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            |                  | will cross three railroads, I-66, John Marshall  |                |                                     | Chonandoah Pi                                     |                          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            | Dominion         | Highway, Lee Highway, and Route 15 and will cross the Shenandoah River, Rappahannock   |                |                                     | Shenandoah River,<br>Rappahannock River,          |                          |     |           |          |             |             |                        |              |            |           |           |               |
| 58  | 671          | Dominion   | zone             | River, and the Appalachian Trail   |                | Fauquier, Warren                    | Appalachian Trail                                 | \$320,266,203.00         |     |           | 1,3      |             |             |                        | NO           | 6/1/2028   | 6/1/2025  | 6/1/2028  | 36 months     |
| 50  |              |            |                  |  |                |                                     |   | \$320,266,203.00         |     |           |          |             |             |                        |              |            |           |           |               |
| 60  |              |            |                  |  |                |                                     |   | 3320,200,203.00          |     |           |          |             |             |                        |              |            |           |           |               |
|     |              |            | _                |  |                |                                     |   |                          |     |           |          |             |             |                        |              |            |           |           |               |
| 61  | PROP         | OSALS - 20 | b                |  |                |                                     |   |                          |     |           |          |             |             |                        |              |            |           |           |               |

|          | Α            | В        | С         | D  | E                                 | F                                      | G                                     | Н                  |           | J       | K        | L           | М         | N                      | 0            | Р          | Q         | S         | T             |
|----------|--------------|----------|-----------|--|-----------------------------------|--|---------------------------------------|--------------------|-----------|---------|----------|-------------|-----------|------------------------|--------------|------------|-----------|-----------|---------------|
|          | PJM<br>PROPO |          |           |  |                                   |  |                                       |                    | PWC       | LOUDOUN | FAUQUIER | NEW 500kV   | NEW 230kV | NEW 500Kv<br>SUB/SWITC | NEW<br>ROW/A |            |           | CONSTRUC  |               |
|          | SALS -       |          |           |  |                                   | VA COUNTY(s) &/or                      | Waterway/Park/Historic                | TOTAL PROPOSAL     | COMPONENT |         | -        | TRANSMISS   |           | HING                   |              | IN-SERVICE | CAP SPEND | TION      |               |
| 1        | 72           | PROPOSER | ZONE      | MAJOR DETAILS  | NOTES                             | STATE(s) IMPACTED                      | al Community Impacted                 | COST               | #         | #       | NT#      | ION LINE(S) |           | STATION(S)             | LAND         | DATE       | START     |           | DURATION      |
|          |              |          |           |  |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | C  | Steel lattice line                |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | Scottsville-Bremo Sag Study 138kV. "to<br>identify and mitigate any clearance issues in      | originally                        |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | order to operate at or above the identified line   | installed in the                  |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
| 62       | 9            | AEP      | nion zone |  | 1940s-1950s                       | Albemarle, Fluvanna                    | Redacted                              | \$1,272,634.00     |           |         |          |             |           |                        | х            | 11/1/2026  | 1/1/2024  | 10/1/2025 | 34 months     |
|          |              |          |           |  |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           |  |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | Charlottesville - Hollymead Line # 2054 Rebuild  |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | - Dooms. 230kV. Upgrading line #2054, causes an overload on lines #233 and #291 under        |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | Summer Generator Deliverability study for the  |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | loss of line #553. This overload can happen by   |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | adding some new loads in Louisa area as well. By   |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | wrecking and rebuilding lines #233 and #291  |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | using (2) 768.2 ACSS/TW (20/7) "MAUMEE" conductor with 3948A ampacity, 1573MVA, and          |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | upgrading the ratings of substation equipment  |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | at Charlottesville, Crozet, Barracks Rd, Hydraulic   |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | Rd and Dooms, the overload is mitigated.   |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          | Daminian  | Crosses Rivanna River, Mechums River, and both   |                                   |  | Rivanna River,<br>Shenandoah National |                    |           |         |          |             |           |                        |              |            |           |           |               |
| 63       | 30           | Dominion |           | the Shenandoah National Park and the<br>Appalachian Trail.                                   |                                   | Augusta, Albemarle,<br>Charlottesville | Park, Appalachian Trail               | \$171,218,806.00   |           |         |          |             |           |                        | NO           | 12/1/2027  | 6/1/2025  | 6/1/2026  | 30 months     |
| -        | 30           | Dominion |           |  |                                   |  |                                       | ψ171/L10/000.00    |           |         |          |             |           |                        |              | 12/1/2027  | 0/1/2023  | 0/1/2020  | 50 1110111115 |
|          |              |          |           |  |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | Boxwood-Scottsville 138 kV Rebuild - increase  | Replaces towers                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | the emergency rating above the identified<br>thermal overloads. Replaces towers originally   | originally installed in the       | Fluvanna, Albemarle,                   |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
| 64       | 55           | AEP      |           | installed in the 1940s and 1950s.  | 1940s and 1950s                   |  | Redacted                              | \$104,876,322.00   |           |         |          |             |           |                        | Х            | 6/1/2027   | 1/1/2024  | 7/1/2026  | 41 months     |
| <u> </u> | 33           | 712.     |           |  | 15 105 and 15505                  |  |                                       | \$10 1,07 0,3EE.00 |           |         |          |             |           |                        |              | 0/1/2027   | 1/1/2021  | 77172020  | 12 1110111113 |
|          |              |          |           |  |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           |  | The existing                      |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           |  | structures consist                |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           |  | of mostly wood<br>type SC 2 poles |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           |  | built in 1991. The                |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           |  | existing structures               |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           |  | will be replaced                  |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           |  | with new steel                    |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           |  | monopoles for this                |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          | Dominion  | Line #2090 (Ladysmith CT - Fredericksburg)   | rebuild.Upgrades                  | Fredericksburg, Stafford,              | Matta River, Po River, Ni             |                    |           |         |          |             |           |                        |              |            |           |           |               |
| 65       | 74           | Dominion |           | Rebuild - Fredericksburg-Ladysmith 230kV   | to 230kV 4000A                    | Caroline                               | River                                 | \$61,412,965.00    |           |         |          |             |           |                        | NO           | 12/1/2027  | 6/1/2025  | 12/1/2026 | 30 months     |
|          |              |          |           |  |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           | 1             |
|          |              |          |           | Boxwood-Scottsville 138 kV Sag Study -   | Replaces towers                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | Perform sag study remediation on the Boxwood-  |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | Scottsville 138 kV line to increase the emergency  | installed in the                  | Amherst, Albemarle,                    |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
| 66       | 181          | AEP      | AEP zone  | ratings  | 1940s and 1950s                   | Fluvanna                               | Redacted                              | \$4,260,557.00     |           |         |          |             |           |                        | Х            | 11/1/2026  | 1/1/2024  | 10/1/2025 | 34 months     |
|          |              |          |           |  |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | Glen Lyn-Peters Mountain Rebuild - Rebuild the   |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | double circuit 138kV line from Glen Lyn station  |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | to Peter Mountain station at roughly 3.6   |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | miles. The current line from Glen Lyn to Peters<br>Mountain is sag derated to 205 MVA in the |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | Summer case. To mitigate the overload, the   |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | Summer emergency rating needs to be 214 MVA  |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
|          |              |          |           | or above. Addresses towers that were originally  |                                   |  |                                       |                    |           |         |          |             |           |                        |              |            |           |           |               |
| 67       | 196          | AEP      | AEP zone  | installed in 1951.   |                                   | Giles, Albemarle                       | New River                             | \$21,889,828.00    |           |         |          |             |           |                        | Χ            | 4/1/2027   | 1/1/2024  | 8/1/2026  | 39 months     |

|    | Α      | В        | С         | D  | E                             | F                       | G                      | Н                | 1         | J       | K   | L           | М         | N          | 0      | Р          | 0          | S         | Т             |
|----|--------|----------|-----------|--|-------------------------------|-------------------------|------------------------|------------------|-----------|---------|-----|-------------|-----------|------------|--------|------------|------------|-----------|---------------|
|    | PJM    |          |           |  |                               |                         |                        |                  |           |         |     |             |           | NEW 500Kv  | NEW    |            | ì          |           |               |
|    | PROPO  |          |           |  |                               |                         |                        |                  | PWC       | LOUDOUN |     | NEW 500kV   |           | SUB/SWITC  | ROW/A  |            |            | CONSTRUC  |               |
| ١. | SALS - |          |           |  |                               | VA COUNTY(s) &/or       | Waterway/Park/Historic | TOTAL PROPOSAL   | COMPONENT |         |     | TRANSMISS   |           | HING       | CQUIRE | IN-SERVICE | CAP SPEND  | TION      |               |
| 1  | 72     | PROPOSER | ZONE      | MAJOR DETAILS  | NOTES                         | STATE(s) IMPACTED       | al Community Impacted  | COST             | #         | #       | NT# | ION LINE(S) | n Line(s) | STATION(S) | LAND   | DATE       | START      | START     | DURATION      |
|    |        |          |           |  |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           |  |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           | Cloverdale Transformer Addition - AEP  |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           | proposes to establish a new 500/345 kV, 1500   |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           | MVA transformer and a new breaker string   |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
| 60 | 202    | AEP      | AEP zone  | consisting of two new 500 kV circuit breakers, located in the Cloverdale 500 kV yard.  |                               | Botetourt               | Redacted               | \$57,285,348.00  |           |         |     |             |           |            | NO     | 10/1/2026  | 1/1/2024   | 2/1/2026  | 22 months     |
| 00 | 202    | AEP      | ALF ZOILE | located in the cloverdale 500 kV yard.   |                               | botetourt               | neuacteu               | 337,263,346.00   |           |         |     |             |           |            | NO     | 10/1/2020  | 1/1/2024   | 2/1/2020  | 33 1110111115 |
|    |        |          |           |  |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           |  | Existing hardware             |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           |  | installed in 2014.            |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           |  | Existing structures           |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           |  | shall be removed,             |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           |  | and new<br>structures will be |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           |  | used for the                  |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          | Dominion  | Hollymead - Gordonsville Line # 2135 Rebuild -   |                               | Albemarle, Gordonsville |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
| 69 | 211    | Dominion | zone      | Hollymeade-Gordonsville  | rebuilds.                     | VA                      | Rivanna River          | \$58,748,912.00  |           |         |     |             |           |            | NO     | 12/1/2027  | 6/1/2025   | 12/1/2026 | 30 months     |
|    |        |          |           | ,  |                               |                         |                        | , , ,            |           |         |     |             |           |            |        | , , -      | . ,        | , ,       |               |
|    |        |          |           | North Delta - Conastone Solution - 1 new 500kV   |                               |                         | Susquehana River,      |                  |           |         |     |             |           |            |        |            |            |           |               |
| 70 | 217    | Nextera  | zone      | line and 1 new 500 kV substation.  |                               | MD, PA                  | Monocacy River         | \$166,799,317.00 |           |         |     | 1           |           | 1          | Х      | 6/1/2027   | 9/1/2023   | 7/1/2025  | 45 months     |
|    |        |          |           |  |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           | Glen Lyn-Peters Mountain Sag Study - Sag study   |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           | the 138kV circuit from Glen Lyn station to Peter                                       |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           | Mountain station at roughly 3.6 miles.   |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           | The current line from Glen Lyn to Peters   |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           | Mountain is sag derated to 205 MVA in the  |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           | Summer case. To mitigate the overload, the   |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           | Summer emergency rating needs to be 214 MVA  |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           | or above. Existing structures are double circuit                                       |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
| 7. | 224    | 450      | 450       | lattice steel towers AGE: ~70+ years (1951   |                               | C'I. All                | No. 8' and             | ć002 CE4 00      |           |         |     |             |           |            |        | C /4 /202C | 4 /4 /2024 | 40/4/2025 | 20            |
| 71 | 234    | AEP      | AEP zone  | vintage)   |                               | Giles, Albemarle        | New River              | \$802,651.00     |           |         |     |             |           |            | NO     | 6/1/2026   | 1/1/2024   | 10/1/2025 | 29 months     |
|    |        |          |           |  | Structures to be              |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           |  | rebuilt vary                  |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           | PECO Expansion Plan for DOM Window 2023  | between 13, 27,               |                         |                        |                  |           |         |     | _           | _         | _          |        |            | . /. /     | / . /     |               |
| 72 | 344    | Exelon   | reco zone | 4 new 500kV lines, multiple substation upgrades  | and 52 years old              | PA, MD                  | Redacted               | \$360,816,047.00 |           |         |     | 5           | 2         | 1          | Х      | 12/1/2029  | 1/1/2024   | 11/1/2025 | / ± months    |
| 1  |        |          |           | Ottor Crook Consistence E00 and 220 lay DCT  |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
| 1  |        |          |           | Otter Creek - Conastone 500 and 230 kV DCT Line - Conastone-Otter Creek, Peach Bottom- |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
| 1  |        |          |           | Three Mile Island - 1 new 500kV line, 1 new  |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
| 73 | 374    | PPL      | PPL zone  | 500kV substation   |                               | MD, PA                  | Redacted               | \$171,261,451.00 |           |         |     |             |           | 1          | х      | 5/1/2027   | 10/1/2023  | 1/1/2026  | 43 months     |
| F  |        |          |           |  |                               | ,                       |                        | <del>+</del>     |           |         |     |             |           |            |        | 0,1,101    | ,-,        | -,-,      |               |
|    |        |          |           |  |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
| 1  |        |          |           | Cloverdale 500kV Breaker Reconfiguration:  |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
|    |        |          |           | establish a new 500 kV breaker position for the  |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
| 1  |        |          |           | low-side of the existing 765/500 kV transformer  |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
| 1  |        |          |           | at Cloverdale Station. The new position will be  |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
| 1  |        |          |           | between two new 500 kV circuit breakers  |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
| 1  |        |          |           | located in a new breaker string, electrically  |                               |                         |                        |                  |           |         |     |             |           |            |        |            |            |           |               |
| 74 | 410    | AEP      | ΛED       | converting the 500 kV yard to "double-bus  |                               | Botetourt               | Redacted               | \$11,590,271.00  |           |         |     |             |           |            | NO     | 10/1/2026  | 1/1/2024   | 2/1/2020  | 22 months     |
| 74 | 410    | AEP      | AEP ZUITE | double-breaker" configuration.   |                               | DOLECOUIT               | neuacteu               | \$11,390,271.00  |           |         |     |             |           |            | NO     | 10/1/2020  | 1/1/2024   | 2/1/2020  | 33 1110111118 |

|          | А      | В        | С         | D  | F                                    | F                           | G                         | Н                | 1         | J              | K   |             | М         | N          | 0      | Р          | 0         | S         | Т             |
|----------|--------|----------|-----------|--|--------------------------------------|-----------------------------|---------------------------|------------------|-----------|----------------|-----|-------------|-----------|------------|--------|------------|-----------|-----------|---------------|
|          | PJM    | _        |           | -  | _                                    | ·                           |                           |                  |           | -              |     | _           |           | NEW 500Kv  | NEW    |            |           |           |               |
|          | PROPO  |          |           |  |                                      |                             |                           |                  | PWC       | LOUDOUN        | -   |             | NEW 230kV | SUB/SWITC  | ROW/A  |            |           | CONSTRUC  |               |
| Ι.       | SALS - | 222222   | 7015      | ******   | NOTES                                | VA COUNTY(s) &/or           | Waterway/Park/Historic    | TOTAL PROPOSAL   | COMPONENT | COMPONENT<br># |     | TRANSMISS   |           | HING       | CQUIRE | IN-SERVICE | CAP SPEND | TION      |               |
| H        | 72     | PROPOSER | ZONE      | MAJOR DETAILS  | NOTES                                | STATE(s) IMPACTED           | al Community Impacted     | COST             | #         | #              | NT# | ION LINE(S) | n Line(s) | STATION(S) | LAND   | DATE       | START     | START     | DURATION      |
|          |        |          |           |  |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           |  |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           |  |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           |  | The existing                         |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           |  | double circuit<br>lattice steel line |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           |  | between Fieldale                     |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           |  | 138kV and Franklin                   |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | Fieldale-Franklin Rebuild 138kV. 138kV   | 138kV was placed                     |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | Rebuild: The Fieldale-Franklin line section is   | into service in                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | associated with the larger Roanoke-Carolina 138 kV line asset, which has identified physical     | originally installed                 |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | condition needs, described in Need AEP-2023-   | materials are well                   |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | AP015. The rebuild will eliminate all physical   | beyond their                         |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | condition issues between Fieldale and Franklin   | intended useful                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
| 7        | 477    | AEP      | AEP zone  | substations with a newly rebuilt line section  | life.                                | Habersham, Franklin         | Redacted                  | \$74,887,399.00  |           |                |     |             |           |            | Х      | 6/1/2027   | 1/1/2024  | 7/1/2026  | 41 months     |
|          |        |          |           |  |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | Opossum Creek and New London Reactors -  |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | Install a 5% reactor at Opossom Creek on the   |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | Opossum Creek-Redeye 138 kV line and a 5%  |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | reactor at New London on the New London-   |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | Altavista 138 kV line. Assume property   |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
| 7        | 5 524  | AEP      | AED zono  | (farmland) adjacent to station is available for purchase.  |                                      | Lynchburg, Bedford          | Redacted                  | \$8,862,826.00   |           |                |     |             |           |            | х      | 6/1/2027   | 1/1/2024  | 1/1/2026  | 41 months     |
| <u> </u> | 324    | ALF      | ALI ZONC  | purchase.  |                                      | Lynchburg, Deuroru          | nedacted                  | 38,802,820.00    |           |                |     |             |           |            |        | 0/1/2027   | 1/1/2024  | 1/1/2020  | 41 1110111113 |
|          |        |          |           | Muddy Creek / North Delta - Conastone  |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | Solution - New Muddy Creek 230 kV switchyard,<br>New Muddy Creek - Conastone / Graceton 230      |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | kV lines, New North Delta 500 kV switchyard,   |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | New North Delta - Conastone 500 kV line, plus  |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          | Dominion  | various modifications to existing lines and  |                                      |                             | Susquehana River,         |                  |           |                |     |             |           |            |        |            |           |           |               |
| 7        | 530    | Nextera  | zone      | substations.   |                                      | MD, PA                      | Monocacy River            | \$178,444,134.00 |           |                |     | 1           | 2         | 1          | Х      | 6/1/2027   | 9/1/2023  | 7/1/2025  | 45 months     |
|          |        |          |           |  |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           |  |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | Fieldale-Franklin Sag Study - The existing   |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | double circuit lattice steel line between Fieldale   |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | 138kV and Franklin 138kV was placed  | All of the                           |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | into service in 1926. Sag clearance study to increase the summer emergency rating above          | originally                           |                             |                           |                  |           |                |     |             |           |            |        |            |           |           | 1             |
|          |        |          |           | the reported loadings for the Fieldale-Thornton  | installed                            |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | ,  | materials are                        |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | review using existing LiDAR data for that line   | well beyond                          |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
| 7        | 3 537  | AEP      | AEP zone  | recommends replacement of ferrous clamp<br>hardware at each structure                            | their intended<br>useful life.       | Habersham, Franklin         | Redacted                  | \$30,187,138.00  |           |                |     |             |           |            | NO     | 11/1/2026  | 1/1/2024  | 10/1/2025 | 24 months     |
| H        | 33/    | AEP      | ALF ZUITE | naraware at each structure   | userur me.                           | riaoci silaili, FI dilkiili | nevacteu                  | \$50,187,138.00  |           |                |     |             |           |            | NU     | 11/1/2026  | 1/1/2024  | 10/1/2025 | 54 months     |
|          |        |          |           |  |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           |  |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | Juniata-Lewistown - Construct a new 32-mile  |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | Juniata - Lewistown 230 kV # 2 line by utilizing   |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           | 1             |
|          |        |          |           | the existing brownfield 69 kV line route between<br>Juniata and Mifflintown, and then building a |                                      |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | greenfield line from Mifflintown to Lewistown.   | The line is a                        |                             |                           |                  |           |                |     |             |           |            |        |            |           |           | 1             |
|          | 1      |          |           | Build a new 2 breaker bay in the double bus  | combination of                       |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
|          |        |          |           | double breaker Juniata 230 kV yard. Cross the  | aging wood and                       |                             |                           |                  |           |                |     |             |           |            |        |            |           |           |               |
| 1_       |        |          | DDI -     | following smaller waterways: (1) Juniata River (2)   |                                      | D.A.                        | Juniata River, Markee     | 4440 0           |           |                |     |             |           |            | x      | 2/4/2225   | 40/4/222  | 0/4/0000  |               |
| 7        | 606    | PPL      | PPL zone  | Markee Creek (3) East Licking Creek.   | infrastructure                       | PA                          | Creek, East Licking Creek | \$149,315,981.00 |           |                |     |             | 1         |            | Х      | 3/1/2028   | 10/1/2023 | 8/1/2025  | 53 months     |

|      | Α               | В        | С        | D   | E                                    | F                                       | G                                  | Н                          | ı                | J                 | K                   | L                      | М                        | N                 | 0               | Р          | Q         | S                | Т            |
|------|-----------------|----------|----------|---|--------------------------------------|---|------------------------------------|----------------------------|------------------|-------------------|---------------------|------------------------|--------------------------|-------------------|-----------------|------------|-----------|------------------|--------------|
|      | PJM             |          |          |   |                                      |   |                                    |                            | DIVIO            | TOTIC COM         | FALICINE            | NIENA FOOL             | NICIAL COOL :            | NEW 500Kv         | NEW             |            |           | CONCESS          |              |
|      | PROPO<br>SALS - |          |          |   |                                      | VA COUNTY(s) &/or                       | Waterway/Park/Historic             | TOTAL PROPOSAL             | PWC<br>COMPONENT | LOUDOUN COMPONENT | FAUQUIER<br>COMPONE | NEW 500kV<br>TRANSMISS | NEW 230kV<br>Transmissio | SUB/SWITC<br>HING | ROW/A<br>CQUIRE | IN-SERVICE | CAP SPEND | CONSTRUC<br>TION |              |
| 1    | 72              | PROPOSER | ZONE     | MAJOR DETAILS   | NOTES                                | STATE(s) IMPACTED                       | al Community Impacted              | COST                       | #                | #                 | NT#                 | ION LINE(S)            | n Line(s)                | STATION(S)        | LAND            | DATE       | START     |                  | DURATION     |
|      |                 |          |          | Scottsville-Bremo Rebuild - Rebuild the 7.5 mile  |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | long portion of the AEP-owned section of the  | Steel lattice line                   |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | Scottsville-Bremo 138 kV line. Existing structures  | originally                           |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
| 80   | 629             | AEP      | AEP zone | are 1940-1950s vintage double circuit lattice towers.   | installed in the<br>1940s-1950s      | Albemarle, Fluvanna                     | Redacted                           | \$31,305,962.00            |                  |                   |                     |                        |                          |                   | х               | 6/1/2027   | 1/1/2024  | 7/1/2026         | 41 months    |
| - 55 | 023             | 712.     |          |   | 15 105 15505                         | , |                                    | <del>\$51,505,502.00</del> |                  |                   |                     |                        |                          |                   |                 | 0/1/2027   | 1/1/2021  | 77172020         | 121110111113 |
|      |                 |          |          | Muddy Creek / North Delta - Conastone<br>Solution - New Muddy Creek 230 kV switchyard,              |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | New Muddy Creek - Conastone / Graceton 230  |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | kV lines, New North Delta 500 kV switchyard,  |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          | Dominion | New North Delta - Conastone 500 kV line, plus<br>various modifications to existing lines and        |                                      |   | Susquehana River,                  |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
| 81   | 631             | Nextera  |          | substations   |                                      | MD, PA                                  | Monocacy River                     | \$198,570,119.00           |                  |                   |                     |                        | 2                        | 1                 | х               | 6/1/2027   | 9/1/2023  | 7/1/2025         | 45 months    |
|      |                 |          |          |   |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          |   |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          |   | Existing hardware installed in 2014. |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          |   | Existing structures                  |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          |   | shall be removed,                    |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | This project serves to wreck/rebuild segment<br>one of 230kV line 2135, demarcation point           | and new<br>structures will be        |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | between Holly Meade Junction (Str.339B) and   | used for the                         |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          | Domion   | Gordonsville using double-circuit capable 230 kV  |                                      | Albemarle, Gordonsville                 |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
| 82   | 704             | Dominion | zone     | poles.  | rebuilds.                            | VA                                      | Rivanna River                      | \$39,504,603.00            |                  |                   |                     |                        |                          |                   | NO              | 12/1/2027  | 6/1/2025  | 6/1/2025         | 30 months    |
|      |                 |          |          |   |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | Locks Substation 230/115 kV Transformer   |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | Upgrade - Locks 230/115 kV transformer TX #7  |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | gets overloaded under Gen Deliv in RTEP 2027  |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | HG case. Therefore, this project replaces TX #7 with new three phase transformers that have a       |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | higher rating of 224 MVA. Lead lines at the 115   |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
| 83   | 731             | Dominion | zone     | kV level will be upgraded to 2000 A.  |                                      | Petersburg                              | Redacted                           | \$7,647,476.00             |                  |                   |                     |                        |                          |                   | NO              | 12/1/2027  | 6/1/2025  | 12/1/2026        | 30 months    |
|      |                 |          |          |   |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          |   |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | Proposal F - Peach Bottom-New Raphael-<br>Waugh Chapel 500kV; Peach Bottom-Doubs                    |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | 500kV - Doubs-Conastone-Peach Bottom,   |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | Waugh Chapel. 500kV Greenfield line from  |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | Peach Bottom to New Raphael Station, 500kV<br>Greenfield line from New Raphael Station to           |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | Waugh Chapel, 500kV Greenfield line from  |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          | MAAC     | Doubs Station to Peach Bottom Station, and a reconductor of Peach Bottom North to Peach             |                                      |   | Patancea River                     |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
| 84   | 808             | PSEG     | zone     | Bottom South Tie #1 and #2  |                                      | Frederick MD, MD, PA                    | Patapsco River, mostly<br>redacted | \$1,259,268,839.00         |                  |                   |                     | 3                      |                          | 1                 | х               | 6/1/2028   | 1/1/2024  | 11/1/2025        | 53 months    |
| Ĺ    |                 |          |          |   |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           | ,,,              |              |
|      |                 |          |          |   |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | Leesville-Altavista Rebuild - Rebuild the double  |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | circuit 138kV line from Leesville station to Str.   |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | 17-181 at roughly 5.1 miles. Rebuild the single   |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | circuit 138kV line from Str. 17-181 to Altavista station at roughly 3.4 miles. To mitigate outage   |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | constraints, the Leesville - Altavista 138kV line   |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | will be built in the clear. The Opossum Creek   |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | Smith Mountain 138kV line will be 6 wired from<br>Leesville station to Str. 17-181. To mitigate the |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
|      |                 |          |          | overload, the Winter emergency rating needs to  |                                      |   |                                    |                            |                  |                   |                     |                        |                          |                   |                 |            |           |                  |              |
| 85   | 856             | AEP      | AEP zone | be 327 MVA.   |                                      | Campbell, Leesville                     | Redacted                           | \$28,845,591.00            |                  |                   |                     |                        |                          |                   | Х               | 6/1/2027   | 1/1/2024  | 10/1/2026        | 41 months    |

|     | Α            | В        | С    | D  | Е             | F                 | G                       | Н                      | I         | J         | K   | L           | М         | N                  | 0    | Р                  | Q          | S          | Т             |
|-----|--------------|----------|------|--|---------------|-------------------|-------------------------|------------------------|-----------|-----------|-----|-------------|-----------|--------------------|------|--------------------|------------|------------|---------------|
|     | PJM          |          |      |  |               |                   |                         |                        |           |           |     |             |           | NEW 500Kv          |      |                    |            |            |               |
|     | PROPO        |          |      |  |               |                   |                         |                        | PWC       |           | -   |             |           | SUB/SWITC          |      |                    |            | CONSTRUC   |               |
| ١,  | SALS -<br>72 | 2222222  | ZONE | MAJOR DETAILS  | NOTES         | VA COUNTY(s) &/or | Waterway/Park/Historic  | TOTAL PROPOSAL<br>COST | COMPONENT | COMPONENT |     |             |           | HING<br>STATION(S) |      | IN-SERVICE<br>DATE | START      |            |               |
| Ľ   | /2           | PROPOSER | ZONE | MAJOR DETAILS  | NOTES         | STATE(s) IMPACTED | al Community Impacted   | COST                   | #         | #         | NI# | ION LINE(S) | n Line(s) | STATION(S)         | LAND | DAIL               | SIAKI      | START      | DURATION      |
|     |              |          |      |  |               |                   |                         |                        |           |           |     |             |           |                    |      |                    |            |            | Į.            |
|     |              |          |      |  |               |                   |                         |                        |           |           |     |             |           |                    |      |                    |            |            |               |
|     |              |          |      | Second 500 kV line from Lexington to Dooms   |               |                   |                         |                        |           |           |     |             |           |                    |      |                    |            |            | i I           |
|     |              |          |      | Construct approximately 40.5-miles of a new 500 kV transmission line from Lexington to |               | A                 | several small streams.  |                        |           |           |     |             |           |                    |      |                    |            |            | i I           |
| 0.6 | 923          | Dominion |      | Dooms with current 500 kV standards.   |               |                   | Redacted                | \$248,665,258.00       |           |           |     | 1           |           |                    | x    | 12/1/2027          | 12/1/2024  | 6/1/2026   | 36 months     |
| 86  | 923          | DOMINION | zone | Doons with turrent 500 kV standards.   |               | ROCKBRIDGE        | Redacted                | \$246,003,236.00       |           |           |     | 1           |           |                    | ^    | 12/1/2027          | 12/1/2024  | 0/1/2020   | 36 1110111115 |
|     |              |          |      |  |               |                   |                         |                        |           |           |     |             |           |                    |      |                    |            |            | 1             |
|     |              |          |      |  |               |                   |                         |                        |           |           |     |             |           |                    |      |                    |            |            | i I           |
|     |              |          |      | Charlottesville - Hollymead Line # 2054 Rebuild  |               |                   |                         |                        |           |           |     |             |           |                    |      |                    |            |            | i I           |
|     |              |          |      | - Dooms. This project serves to wreck/rebuild  |               |                   |                         |                        |           |           |     |             |           |                    |      |                    |            |            | i I           |
|     |              |          |      | segment one of 230kV line 2054, demarcation  |               |                   |                         |                        |           |           |     |             |           |                    |      |                    |            |            | i I           |
|     |              |          |      | point between Charlottesville Substation to  |               |                   |                         |                        |           |           |     |             |           |                    |      |                    |            |            | i I           |
|     |              |          |      | Proffit D.P. using double-circuit capable  |               |                   |                         |                        |           |           |     |             |           |                    |      |                    |            |            | i I           |
|     |              |          |      | 500/230 kV poles. By wrecking and rebuilding   |               |                   |                         |                        |           |           |     |             |           |                    |      |                    |            |            | i I           |
|     |              |          |      | lines #233 and #291 using (2) 768.2 ACSS/TW  |               |                   |                         |                        |           |           |     |             |           |                    |      |                    |            |            | i I           |
|     |              |          |      | (20/7) "MAUMEE" conductor with 3948A   |               |                   |                         |                        |           |           |     |             |           |                    |      |                    |            |            | i I           |
|     |              |          |      | ampacity, 1573MVA, and upgrading the ratings   |               |                   |                         |                        |           |           |     |             |           |                    |      |                    |            |            | i I           |
|     |              |          |      | of substation equipment at Charlottesville,  |               |                   |                         |                        |           |           |     |             |           |                    |      |                    |            |            | i I           |
| I   |              |          |      | Crozet, Barracks Rd, Hydraulic Rd and Dooms,   |               |                   | D: D:                   |                        |           |           |     |             |           |                    |      |                    |            |            | 1             |
|     | l            |          |      | the overload is mitigated. Cross Mechums River,  |               |                   | Rivanna River,          |                        |           |           |     |             |           |                    |      |                    |            |            | i l           |
| 07  | 067          |          |      | and both the Shenandoah National Park and the  |               | • .               | Shenandoah National     | Ć10C F11 2FF 00        |           |           |     |             |           |                    | NO   | 12/1/2027          | C /1 /2025 | C /1 /2020 | 20            |
| 8/  | 967          | Dominion | zone | Appalachian Trail  | SOUKV KEDUIID | Crianottesville   | Park, Appalachian Trail | \$196,511,355.00       |           |           |     |             |           |                    | NO   | 12/1/2027          | 0/1/2025   | 0/1/2026   | 30 months     |
| 88  |              |          |      |  |               |                   |                         | \$3,644,251,790.00     |           |           |     |             |           |                    |      |                    |            |            |               |
| 89  |              |          |      |  |               |                   |                         |                        |           |           |     |             |           |                    |      |                    |            |            | 1             |