

Project Need

Reliability Concerns & Drivers

Approximately 19 miles of 230 kV transmission line between Loudoun-Ox Substations at end of service life

- Structures were installed in the late 1960s
- COR-TEN® weathering steel towers have experienced issues across Dominion Energy's system when used for lattice-type structures



Proposed Solution

In order to maintain structural integrity and reliability, Dominion Energy is proposing to rebuild the existing transmission lines

- Located entirely within existing right of way
- Replacement of lattice structures with monopole structures
- Proposed structures will have a galvanized or weathering steel finish
- Partial co-location with another transmission line
- Rebuilding to current industry standards
- Target completion date: **December 2024**