

PROJECT NEED

Why is this project needed?

- **Growth:** High-tech sector growth proposed in the Dulles area
- **Result:** New growth will draw enough electricity that it may exceed the current and future distribution capacity
- **Need:** To address “block load” addition; a large amount of power demand that happens all at once
- **Response:** Need addressed by adding additional capacity at electric transmission-level, a voltage required to address the forecasted increase in power demand
- **Why:** No distribution upgrades that would resolve the long-term projected energy demands in the area

Why are you only looking at routes from the west?

Our routing study begins once we determine the best electrical solution for the project

Two other existing transmission corridors were also reviewed:

- Originating in the north near Evergreen Mills Road
- Originating in the east near Route 28

Therefore, the western option, electrically:

- Maintains federal and company standards
- Allows us to meet the electrical need in the timeframe required
- Minimizes downstream affects on other parts of the transmission system

Dominion, through a request from NOVEC, has another transmission project in the Dulles area near Evergreen Mills Road and Route 606

