

MEADOW BROOK – LOUDOUN 500 kV LINE

Proposal:

Dominion Virginia Power and Allegheny Energy propose to build:

- a 500,000 volt (500 kV) transmission line from Allegheny's Meadow Brook Substation in Frederick County to Dominion's Loudoun Substation in Loudoun County (~ 40 + miles)
- approximate cost for Dominion's portion: \$150 million

The explosive growth in Northern Virginia over the last 10 years has placed Dominion's ability to meet its responsibility for its Northern Virginia customers increasingly at risk. Dominion is committed to providing reliable service to its customers now and in the future. This transmission line is essential to Dominion's ability to maintain system reliability and support future growth in Northern Virginia.

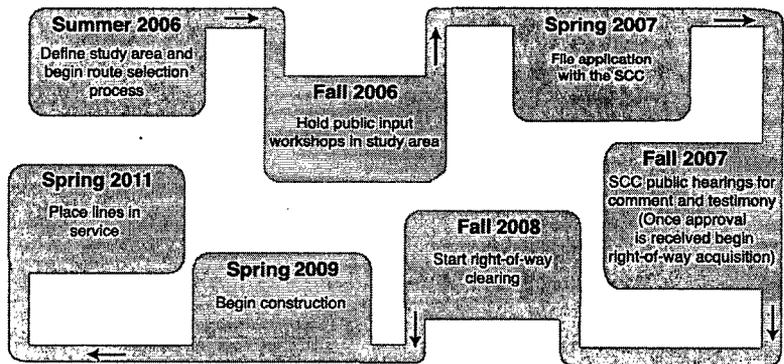
Electrical demand in Northern Virginia is expected to grow by 44 percent for the period 2000-2011. At peak hours, local power stations can supply less than 50 percent of the electricity that customers demand. This shortage will only become more severe as Northern Virginia adds high technology data centers to its economy, as the U.S. Army begins a planned doubling of the size of Fort Belvoir, and as Washington-Dulles International Airport and Tysons Corner continue their planned expansions.

To provide the public with a reliable source of electrical power Dominion has proposed a \$150 million 40-mile overhead transmission line through an area extending from the Meadow Brook substation in Frederick County to its Loudoun substation. The Loudoun substation serves approximately 30 percent of Northern Virginia's electrical demand and is the company's most critical link in averting future power disruptions. appropriate localities.

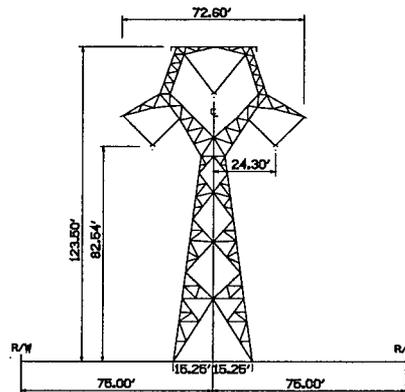
Regulatory Oversight:

The State Corporation Commission of Virginia (SCC) is responsible for determining the need, route, and environmental impact of transmission lines in Virginia.

Tentative Schedule:



Typical 500 kV Tower:



SUBJECT TO FINAL ENGINEERING

To provide comments:

Project phone line: 804-819-2960
Project e-mail: Powerline@dom.com

Company website: www.dom.com
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Scroll to: Meadow Brook-Loudoun 500 kV Line



Meadow Brook - Loudoun Transmission Line

Key:

- Dominion Virginia Power Study Area
- Existing Substations
- Transmission Line Route
- - - Alternative Segments

