

RELIABLE POWER IN NORTHERN VIRGINIA

An Urgent, Undeniable Need for a Solution in Northern Virginia

Population growth in Northern Virginia has been tremendous and shows no signs of slowing down. As a result, demand for electricity has grown even more, so much that by 2011 our reliable, affordable power will be at risk.

To ensure that this reliable, affordable power can continue to meet our needs, Dominion has applied to build a new electric transmission line. This line, built within or adjacent to an existing transmission line, will bring power to the region and improve the overall reliability of the system. Dominion has explored every alternative, and is certain that a new transmission line is the very best way to serve the needs of Northern Virginia.

Where is the power needed?

- }} Northern Virginia is a critical component of the nation's high-tech economy and information superhighway. No fewer than 23 new data centers--small campuses with a total electrical demand equal to a mid-sized city--are in the planning stages.
- }} Not only are more electricity-intensive computer data centers being built, but the Army is enlarging Fort Belvoir, Metrorail is building new lines to handle more Northern Virginia commuters, and Washington-Dulles International Airport and Tysons Corner are growing with multi-billion dollar expansion projects.

Dominion & making conservation a priority

- }} Dominion is planning to meet the growing demand for electricity in Virginia through a combination of energy conservation, peak-load management, and a systematic program to add new generation facilities, including those from renewable energy sources.
- }} The company is developing several energy conservation pilot programs, including residential and commercial energy audits, an air-conditioning control program, smart metering technologies, critical peak-pricing plans, and distributed generation projects.
- }} It is also investing in a new wind power facility. Conservation, while helpful, will not be enough to meet this challenge. We can't pretend conservation alone will solve the problem.

What are the results of doing nothing?

- }} Northern Virginia's transmission system could face severe overloads starting in 2011. These overloads could require drastic measures such as rolling blackouts. If left unchecked, it could lead to system failure and cascading blackouts.

- }} Northern Virginians would have to reduce their energy use by 40% at peak times to avert the need for the line by 2011.
- }} Without action, major transmission lines serving Northern Virginia could become overloaded. The result would be not having the reliable, 24/7 electricity that our economy needs and we depend on.

READ THE FACTS

- }} KEMA REPORT: KEMA is an internationally recognized power system engineering firm based in Burlington, Massachusetts. With more than 400 full-time professionals, KEMA has provided technical expertise and analysis for the entire range of stakeholder groups, from public utility regulators and commissions to utilities and private citizens. [READ THE FACTS BY THE INDEPENDENT FIRM KEMA](#)
- }} DOMINION TESTIMONY SUMMARY, JUNE 4, 2007: The proposed path is within or immediately adjacent to existing transmission rights-of-way. The line would extend 65 miles from a point in Warren County to the company's Loudoun substation. This proposal would provide the best means of meeting the continuing need for reliable service while reasonably minimizing adverse impact on the scenic, environmental, and historic assets of the area. [READ THE FACTS](#)
- }} ROUTE MAP: This proposal will provide the best means of meeting the continuing need for reliable service while reasonably minimizing adverse impact on the scenic, environmental, and historic assets of the area. [Preferred Route](#)

TAKE ACTION NOW

Virginia's electricity prices are among the lowest in the nation, greatly helping make Northern Virginia an attractive place to live and work.

Given the urgent nature of the problem and the critical importance of the region, solutions that are certain to work and can be in place on time must be pursued. The proposed transmission line is the only solution that meets these standards.

[Let the State Corporation Commission know how you feel. As a leading homeowners association in the area, it is critical that your voice be heard today!](#)

- }} **[Write the SCC stating your support for this proposal.](#)**

Submitting written testimony:

As provided by the SCC Rules of Practice 5 VAC 5-20-80 C, written comments on the applications in Case No. PUE-2007-00031 may be filed by December 14, 2007, by either of the following methods:

1. Comments may be submitted in writing to Clerk, State Corporation Commission, c/o Document Control Center, P.O. Box 2118, Richmond, Virginia 23218-2118.
2. Diskettes, compact disks, or any other form of electronic storage medium may not be filed with comments. Commenters addressing the Dominion Virginia Power-Application shall refer to Case No. PUE-2007-00031
3. Submitting your comments in support of this important cause is quick and easy:

- 1) Visit the [Virginia State Corporation Commission](#)
- 2) Scroll down the page to Case Number, PUE-2007-00031, click "Submit Comments"
- 3) Complete the online comments page and click 'submit'.

For more information on attending hearings or writing a letter of support contact Robby Demeria at 703-752-7544 or by email at Rdemeria@fcc.org