

**Dominion Virginia Power
Meadow Brook – Loudoun 500kV Project
SCC Application Fact Sheet
April 19, 2007**

- Filed Thursday, April 19, 2007
- Filing is composed of six volumes of material
 - 1,016 total pages
 - Includes SCC Application and Exhibits of 201 pages
 - Includes six reports of 625 pages
 - Includes 14 witnesses' direct testimony of 190 pages
- Reports
 - KEMA – independent report, *Northern Virginia Transmission System Review*, verifying need and confirming that proposed route is best alternative for system reliability and will alleviate overloads projected for the summer of 2011
 - *PJM Load/Energy Forecasting Model, Feb. 22, 2007*
 - *PJM Load Forecast Report, February 2006*
 - ITRON – *Dominion Virginia Power Transmission Zone Peak Forecast Study*
 - Burns & McDonnell – *Routing Study and Environmental Assessment for the Meadow Brook – Loudoun 500kV Transmission Line Project*
 - Dominion's *DEQ Supplement* – To facilitate review and analysis of the project by DEQ and other relative agencies that participate in the process by the Virginia Department of Environmental Quality.
- SCC Process
 - SCC has announced the procedural schedule.
 - SCC has set the deadlines for interested parties or individuals to file to participate in the process, for the filing of their testimony, SCC Staff testimony and Dominion rebuttal testimony.
 - SCC has set the dates and locations for local public hearings and the evidentiary hearing in Richmond in the SCC courtroom.
 - Dominion expects this process to take approximately 12 months.
 - SCC Contacts:
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**Dominion Virginia Power
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SCC Application Highlights
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- Proposed route
 - About 65 miles
 - Estimated cost -- \$243 million
- Total length of Allegheny – Dominion transmission project – about 265 miles from southwestern Pennsylvania to Loudoun
- The 65-mile proposed route for the transmission line is within or adjacent to an existing transmission power line corridor in Warren, Rappahannock, Culpeper, Fauquier, Prince William and Loudoun counties.
- Proposed route in miles by county
 - Culpeper 6.81 miles
 - Fauquier 26.62 miles
 - Rappahannock 13 miles
 - Prince William 18.01 miles
 - Loudoun 0.51 miles
- Locating this new line within or adjacent to the existing right of way provides the least overall impact of any of the viable transmission alternatives studied. Constructing a new line on a new corridor across undisturbed lands would create a completely new and separate impact in Northern Virginia.
- Where it is necessary to widen the existing right of way in Rappahannock, Culpeper and Fauquier counties, it will need to be widened no more than 125 feet.
- No new right of way is required in Prince William or Loudoun counties.
- In some areas, the company will replace existing lattice-style transmission towers with single-pole towers.
- Alternate route
 - Along Interstate 66 right of way (shoulder)
 - About 37 miles
 - Estimated cost -- \$153 million
- Information on rejected alternate routes is included in the in filing.