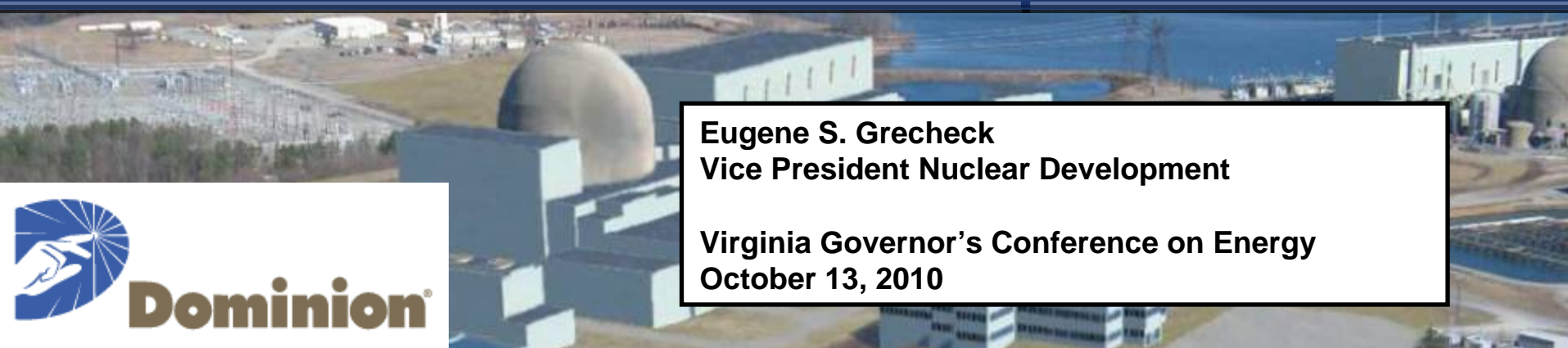




3 North Anna



Eugene S. Grecheck
Vice President Nuclear Development

Virginia Governor's Conference on Energy
October 13, 2010



Dominion's Nuclear Experience

- Dominion completed construction of its first nuclear reactor, Surry Unit 1, in 1972
- Today, Dominion operates 8 nuclear units (over 6,000 MW of capacity) which represent some of the safest and most efficient nuclear plants in the world
- The Surry and North Anna nuclear plants have contributed substantially to lower and more stable rates in Virginia



Surry
Virginia



North Anna
Virginia

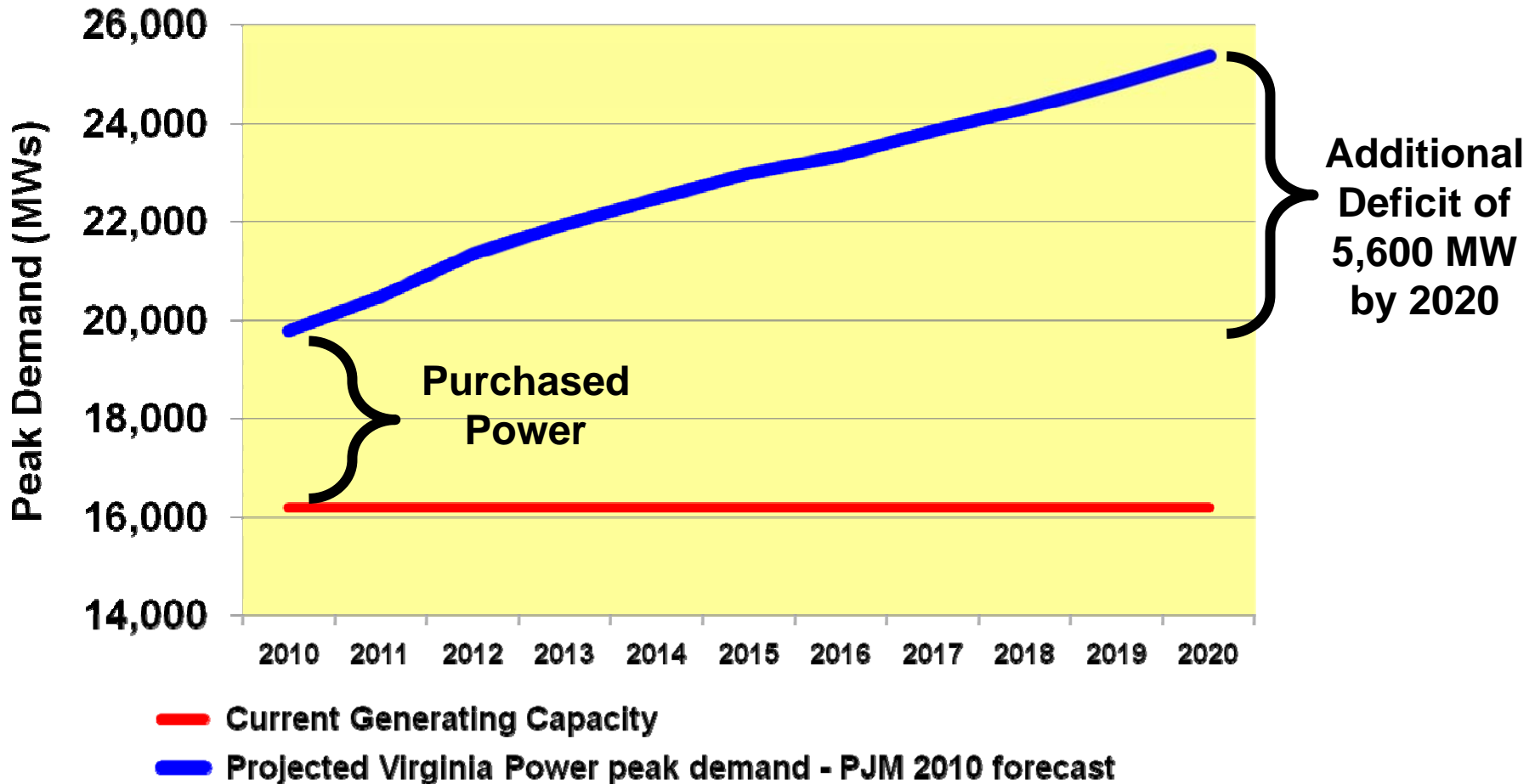


Millstone
Connecticut



Kewaunee
Wisconsin

The Upcoming Gap at Virginia Power



North Anna Unit 3 Project Summary

- Potential third reactor at North Anna Power Station in Louisa County
- Filed application with NRC to build and operate
- 1,463 megawatts* would power approximately 360,000 homes
- Working with Mitsubishi on licensing and project development
- Pursuing potential partners

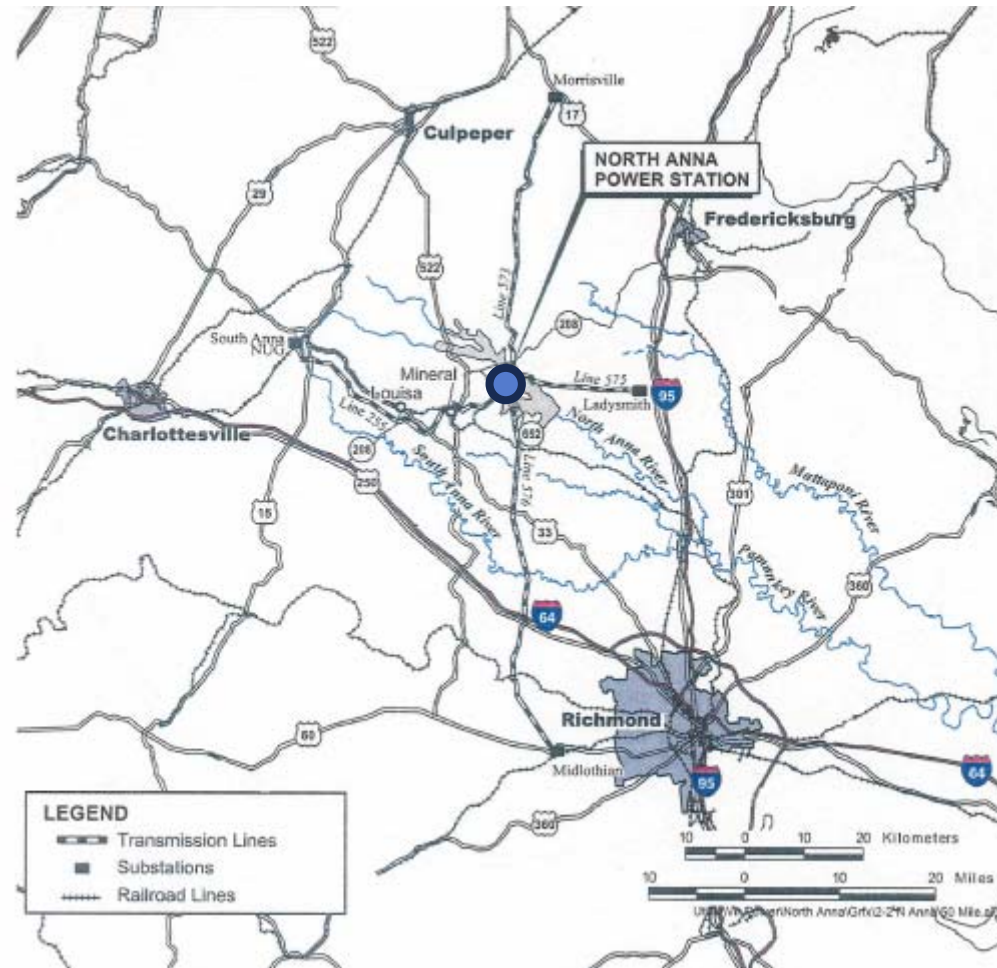
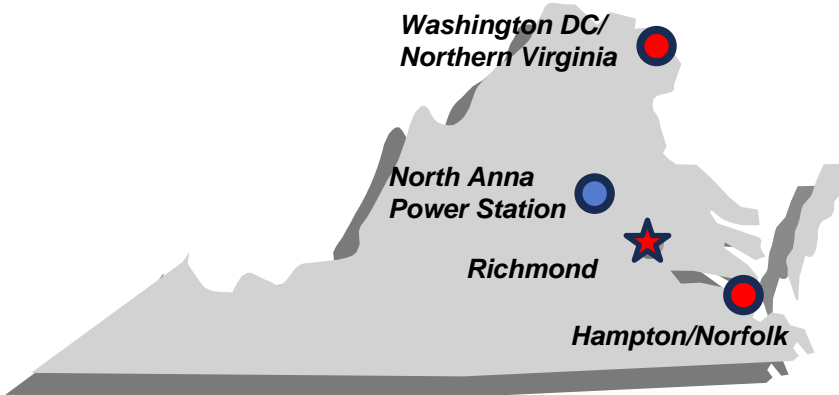


* Dominion's ownership expected to be approximately 1,300 megawatts

Dominion is still evaluating options for the NA3 project and has not committed to moving forward at this time

Project Location

- Existing key infrastructure
 - Road and rail
 - Water
 - Transmission
- Proximity to areas of expected load growth
- Synergies with 2 existing units (Originally licensed for 4 units)



Estimated Jobs & Economic Benefits for the Potential North Anna 3 Project

| Under Construction (2010-2018) | | |
|---|-----------------|-----------|
| | Virginia | US |
| Annual Economic Impact | \$1,132 M | \$2,477 M |
| Average Jobs per Year | 3,873 | 8,076 |
| Once in Commercial Operation (2019+) | | |
| | Virginia | US |
| Annual Economic Impact | \$510 M | \$596 M |
| Average Jobs per Year | 1,320 | 1,505 |

Note: Includes direct, indirect and induced impacts.

Source: "The Economic Benefit of a Proposed Nuclear Generating Plant in Louisa County on Virginia and the United States", Chmura Economics & Analytics, April 21, 2010

North Anna 3 Permits and Approvals



US Army Corps of Engineers



Potential North Anna 3 Development Schedule Under the “Proceed Now with Partner” Option

| Complete | Activity | Estimated Date |
|-----------------|---|-----------------------|
| ✓ | Project Concept | 2001 |
| ✓ | First DOE Cooperative Award (total of 4 awards) | 4/2002 |
| ✓ | Initial NRC Application Filed | 9/2003 |
| ✓ | Initiate Competitive Process for Technology | 1/2009 |
| ✓ | Technology Selection (Mitsubishi US-APWR) | 5/2010 |
| ✓ | Begin Preliminary Site Development Work | 2010 |
| | NRC Construction and Operating License Approval | 2013 |
| | Begin Nuclear Plant Construction | 2013 |
| | Commercial Operations (COD Date) | 2019 |

Looking to the Future

