

Wind Energy in Virginia: Patience is a Virtue

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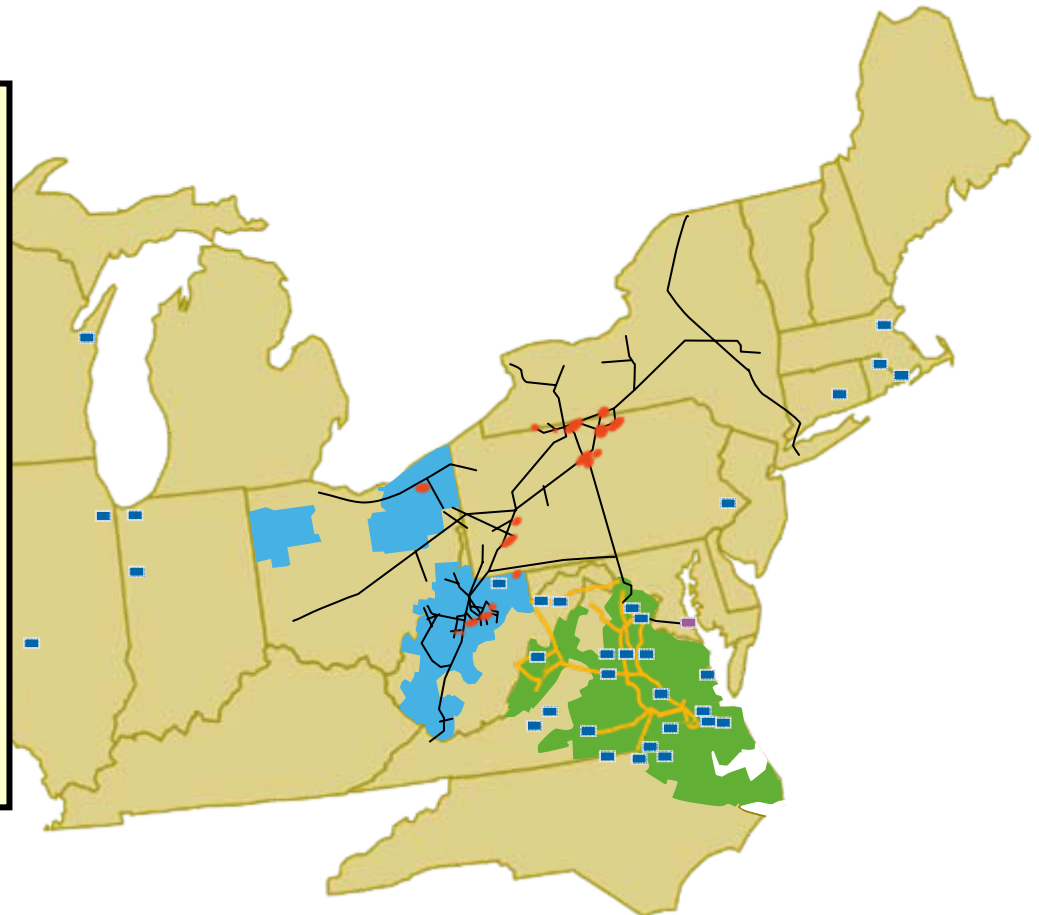
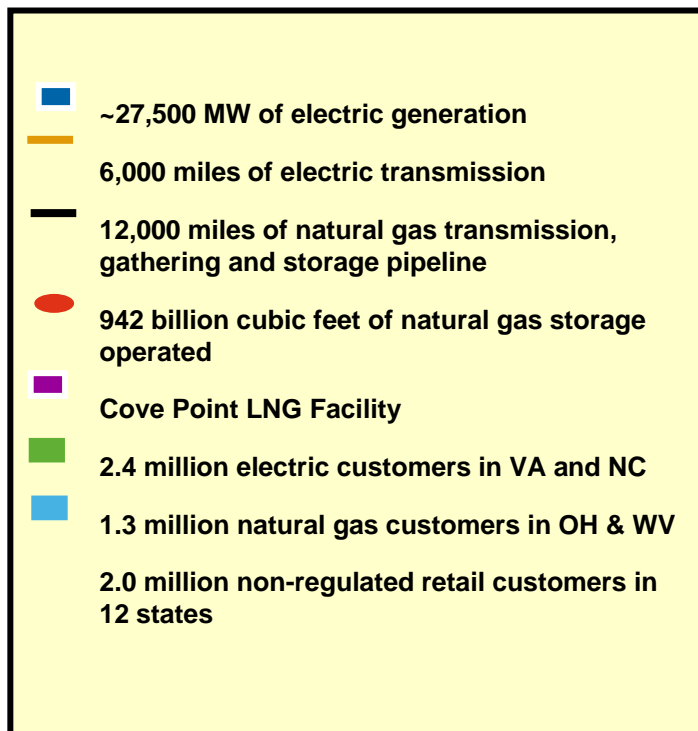
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About Dominion: One of America's Leading Energy Companies

- Major provider of electricity and natural gas to retail and wholesale customers in Mid-Atlantic and Northeast



Fuel Diversity: A Key to Affordable Energy, Environmental Protection

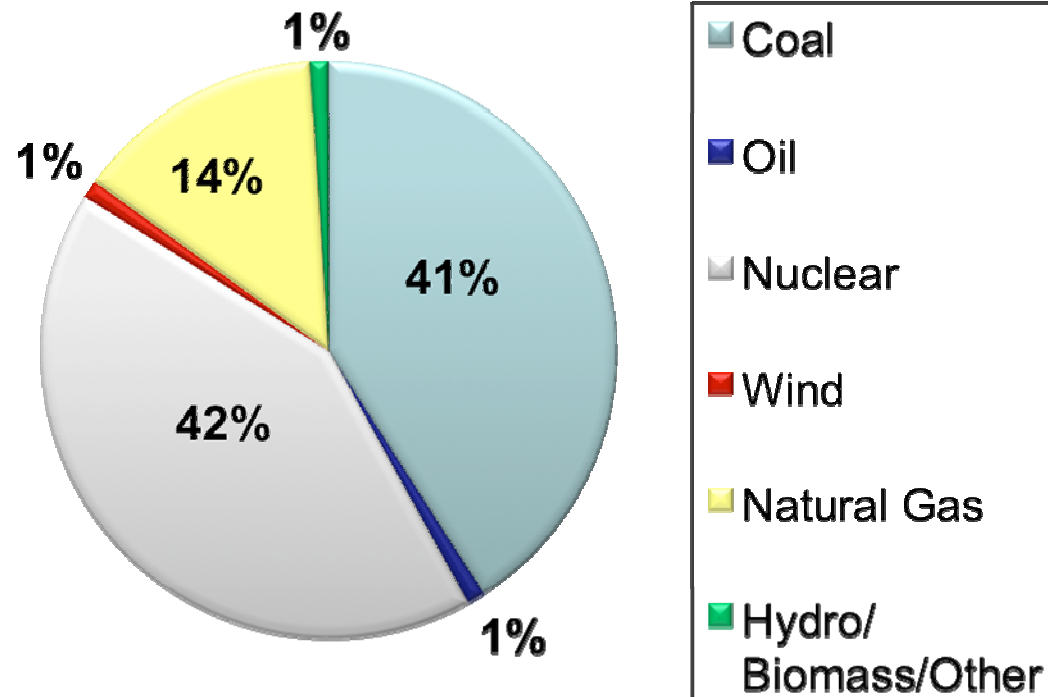
- Diversity promotes reliability, affordability, responsibility, which in turn support energy security
 - Better chance for price stability
 - Less vulnerability to supply interruptions
 - Environmental benefits



Dominion: A Case Study



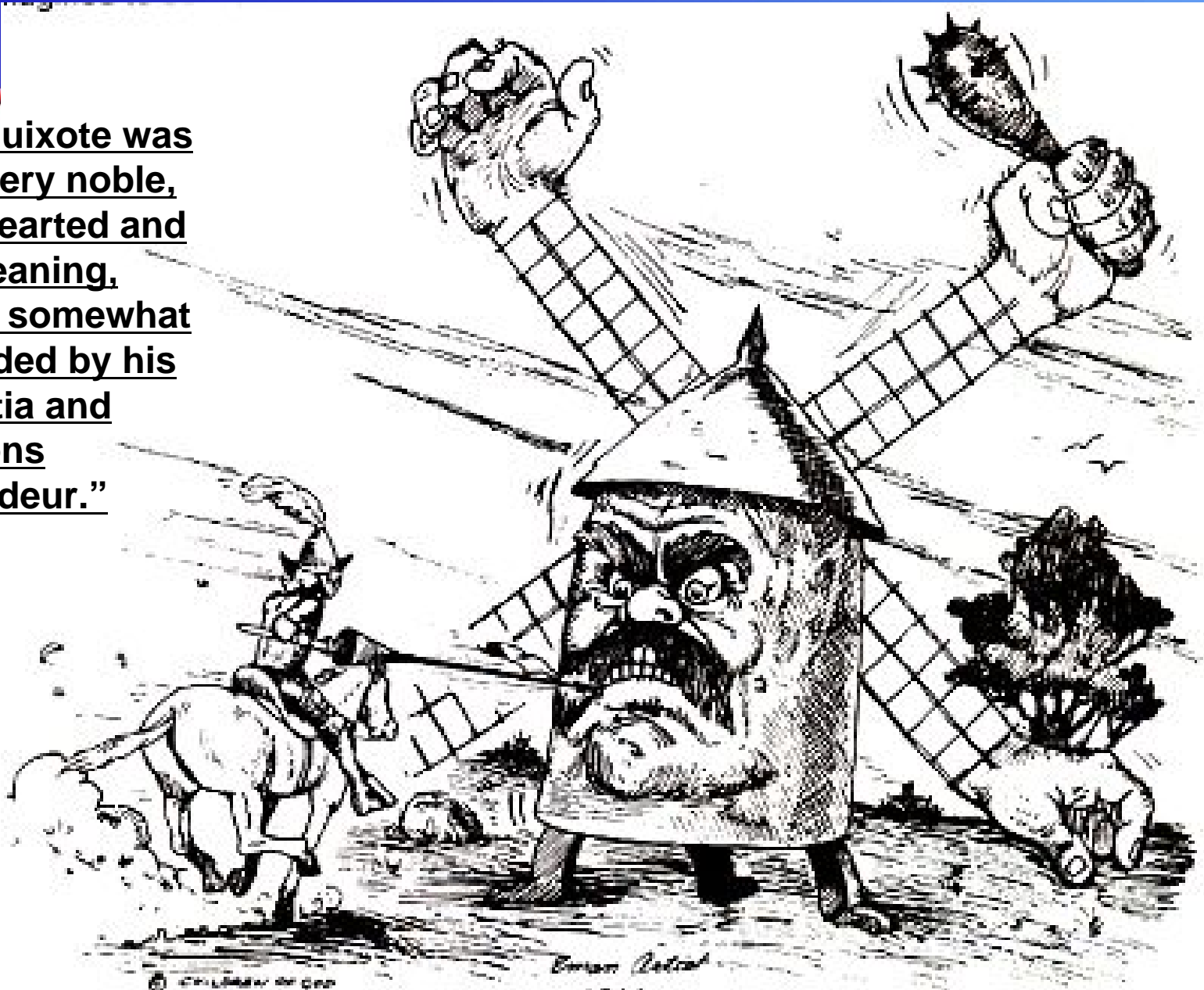
2009 Electric Production by Fuel*



*Total production by regulated and merchant units.
Excludes non-utility generation (NUG) under contract.

What Some Opponents of Wind Energy See

“Don Quixote was really very noble, good-hearted and well-meaning, though somewhat misguided by his dementia and delusions of grandeur.”



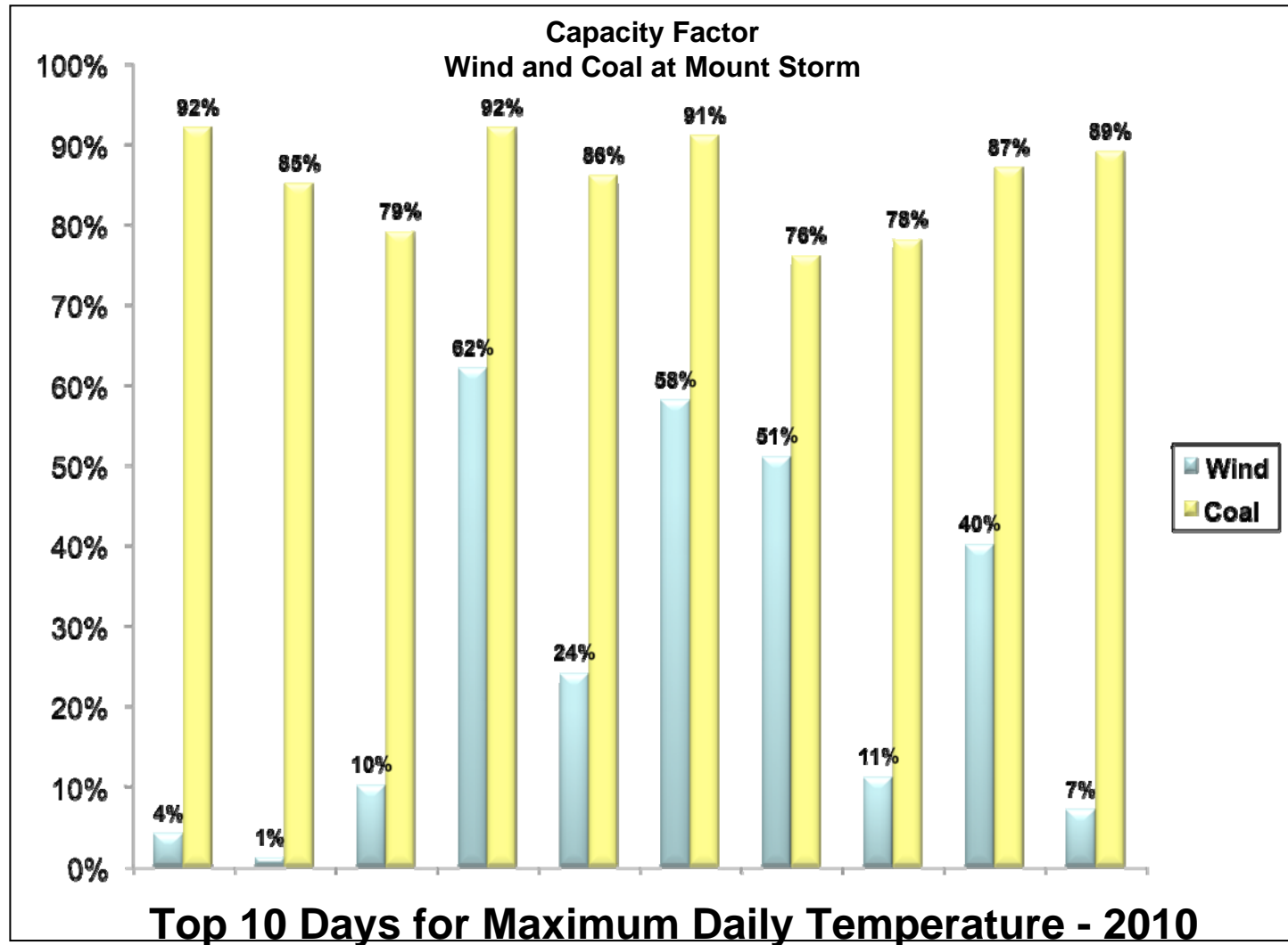
Developing Wind Energy in Virginia

- Requires a long-term view
- Faces small but organized opposition
- Needs public education and information
- Requires some form of federal subsidy
- Is part of a balanced portfolio



Wind Energy

- Strong environmental benefits
- But Not dispatchable
- Higher per-unit costs than conventional generation



VA Onshore Wind Projects: Anticipated Permits & Reviews

□ Federal

- U.S. Fish & Wildlife Service – Threatened & Endangered Species Review/No Take Permit (if applicable)
- USACE – Clean Water Act Section 404 Permit / Review of wetland and stream delineations
- FAA – Determination of Hazard / No Hazard for Structures above 200 ft.

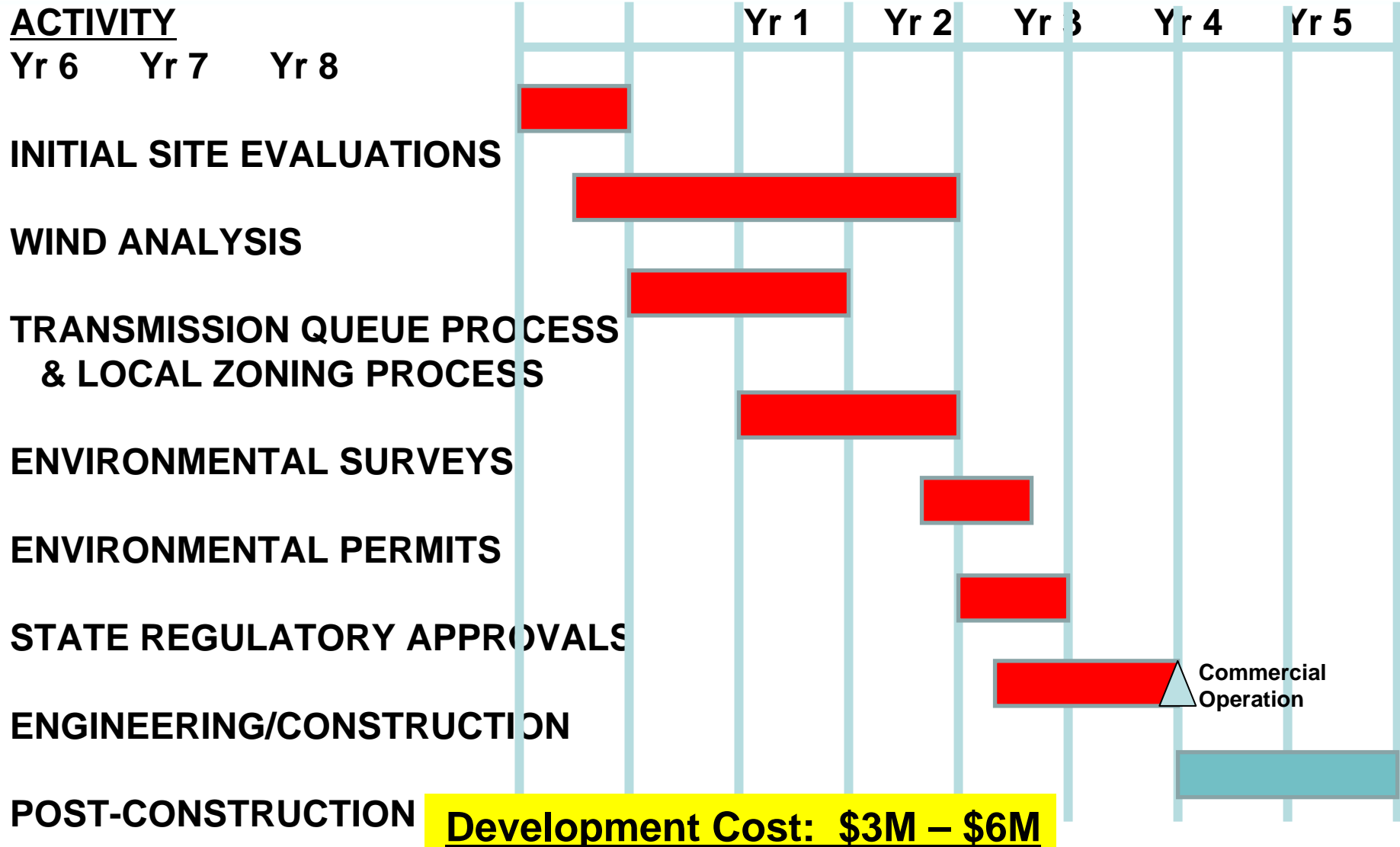
□ State

- VA SCC – CPCN & Environmental Reviews
 - VA SCC – Certificate of Public Convenience and Necessity / Rate Case / Permit-by-Rule
 - VA DEQ – Environmental Impact Review and Clean Water Act Section 401 for wetlands/streams
 - VA DCR – Permit for Storm Water Discharges during Construction (SWPPP)
 - VA DCR – Consultation Regarding Potential Viewshed Impacts
 - VA DMME – Consultation Regarding Past, Current, and Future Mining Operations in Project Area
 - VA Dept. of Game & Inland Fisheries – Wildlife Impact Assessment
 - VA Dept. of Historic Resources – Historic Resources & Archaeological Assessment Review
 - VA Dept. of Transportation – Heavy Haul/Wide Load Permits and Power Cable Road Crossings

□ Local

- County – Zoning Permit (if applicable)
- County – Building Permit
- County – Permit for Storm Water Discharges during Construction (E&S)
- County – Water and Sewer Permits for Construction and Permanent Structures

Typical Project Development Schedule – 6+ Years (with no major delays)



Conclusion

Wind Energy Requires Convergence of:

- Favorable Public & Local Support
- Economic Incentives
- Long Term View by the Developer



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