

Energy & Government Facility Siting

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Moderator



Virginia Coastal Zone
MANAGEMENT PROGRAM



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE



Phase 1 Assessment: Resource Characterization

Status and Trends in Energy Facilities and Activities in the Coastal Zone

Type of Energy Facility/Activity	Exists in CZ		Proposed in CZ	
	(# or Y/N)	Change Since Last Assessment (↑, ↓, -, unkwn)	(# or Y/N)	Change Since Last Assessment (↑, ↓, -, unkwn)
<i>Energy Transport</i>				
Pipelines	1	Transcontinental Gas Pipe Line Co, LLCs Mid-Atlantic Connector Expansion Project, 2011	1?	Dominion-Atlantic Coast Pipeline-spur in Chesapeake
Electrical grid (transmission cables)	7- http://www.energy.vt.edu/vept/electric/vaporoverlines.asp		1-cable between Aquia Harbor and Stafford County	
Ports	5-APM, Port of Richmond, Newport News, Norfolk, Portsmouth Marine Terminal		1 – Craney Island Marine Terminal	
Liquid natural gas (LNG)	0		No	
Other (please specify)				

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<i>Energy Facilities</i>				
Oil and gas	19- http://www.energy.vt.edu/vept/electric/plantlocations.asp			There is currently no oil or gas production in the Coastal Zone. Technically, no drilling or fracking has yet been proposed. Governor McAuliffe's Energy Plan does support oil and gas development at 50 miles or more offshore
Coal	12		No	
Nuclear	2-North Anna; 2-Surry		No	
Wind	0?		2	Dominion won the lease for Virginia's Wind Energy Area. 2 test turbines and a submarine cable to bring power to shore are in the permit review process.

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<i>Energy Facilities Continued</i>				
Wave	0		0	
Tidal	0		0	
Current (ocean, lake, river) 36	0		0	
Hydropower	4		0	
Ocean thermal energy conversion	0		0	
Solar	1-Canon, VA in Gloucester		0	
Biomass	0		1-Hopewell	
Other (please specify)	Landfill Gas-3; Municipal Solid Waste-3;			

Phase 1 Assessment: Management Characterization

Management Category	Employed by State or Territory (Y or N)	CMP Provides Assistance to Locals that Employ (Y or N)	Significant Changes Since Last Assessment (Y or N)
Statutes, regulations, policies, or case law interpreting these			
State comprehensive siting plans or procedures			

2014 Virginia Energy Plan

http://www.dmme.virginia.gov/DE/2014_VirginiaEnergyPlan2.shtml

Virginia Energy Plan
October 1, 2014



Commonwealth of Virginia
Department of Mines, Minerals and Energy

- Energy Plan does support oil and gas development at 50 miles or more offshore

- The Commonwealth should identify international markets that are specifically attractive for Virginia businesses in the coal industry supply chain

D. *Increase technical assistance provided to businesses that are committed to growing their international presence.*

- Many small businesses in the coal supply chain do not have the resources to appropriately market themselves or conduct the necessary research to understand their potential clients. Virginia's current support in these areas is limited for coal supply chain companies. This support should be expanded to provide more robust assistance to give these businesses the most favorable environment in which to succeed.

E. *Support continued funding of research and development to enable the deployment of clean coal technologies on a commercial scale.*

4. Pursue the Development of Virginia's Offshore Gas and Oil Resources

A. *Current Virginia statute on offshore energy development favors permitting the production of offshore oil and natural gas resources 50 miles or more off of the coastline. It is critical that the development of these resources be conducted in a safe manner that is protective of Virginia's coastal environment and its broad economic and ecologic base.*

B. *Fully support the development of oil and natural gas resources off of Virginia's coast, contingent upon a revenue sharing agreement being reached between the federal government and the Commonwealth of Virginia.*

C. *Advocate for the inclusion of Virginia's portion of the Mid-Atlantic Planning Area in the U.S. Department of the Interior's 2017-2022 Five-Year Outer Continental Shelf Oil and Gas Leasing Program.*

D. *Conduct a readiness study to determine Virginia's ability to sustain any potential offshore gas and oil exploration and development industry.*

- Virginia should evaluate the adequacy of port infrastructure to ensure that the Commonwealth is fully prepared and capable of supporting this industry, can provide a timely and comprehensive response to oil spills, and can address the concerns raised by fishing and tourism interests. In addition, address the concerns raised by the military about conflicting uses to ensure that the portion of the Mid-Atlantic Planning Area south of the Virginia-Maryland border and beyond 50 miles from Virginia's coastline is included in the U.S. Department of the Interior's 2017-2022 Five Year Outer Continental Shelf Oil and Gas Leasing Program.
- The Department of Mines, Minerals and Energy will conduct a study on Virginia's readiness for offshore drilling, including spill preparedness, and report the findings of this study to the Governor, the Secretary of Commerce and Trade, and the Secretary of Natural Resources, by April 15, 2015.