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# VCERC

## Coastal Energy for Virginia

### *Energy Independence*

Harnessing offshore wind could produce 20% of Virginia's electricity needs and accommodate existing ocean uses



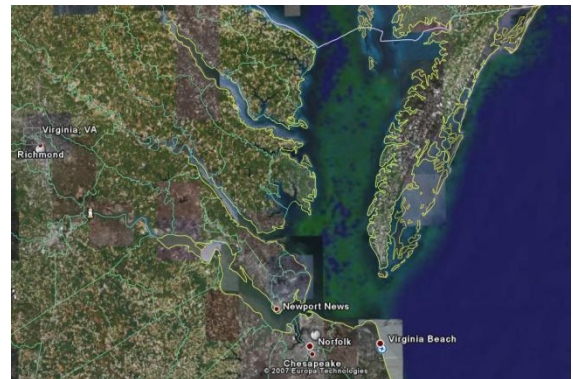
### *Sustainable Energy*

Producing biofuel from algae grown offers the highest yields, doesn't utilize cropland and would reduce Virginia's carbon footprint



### *Environmental Improvement*

Growing algae for biodiesel will remove nutrients from wastewater and help clean the Chesapeake Bay



### *Economic Development*

Coastal renewable energy could generate over \$200 million per year in new business for Virginia

