APEX
WIND ENERGY

COVES
2009

Elk River Windfarm, LLC January 24, 2006

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# Company Overview

GREENLIGHT ENERGY RESOURCES

- APEX WIND ENERGY
  - APEX OFFSHORE WIND
- axiopower
- GREENLIGHT BIOFUELS
- COLUMBIA POWER

# Experience

**Team**

Combined 70 years experience in the wind industry

$1.1 billion in wind facilities completed

Over $22 billion of financings in wind and conventional energy financing

Experienced in finance, legal, PPA negotiation, transaction structuring, project acquisition

Greenfield development, permitting, regulatory and transmission interconnect

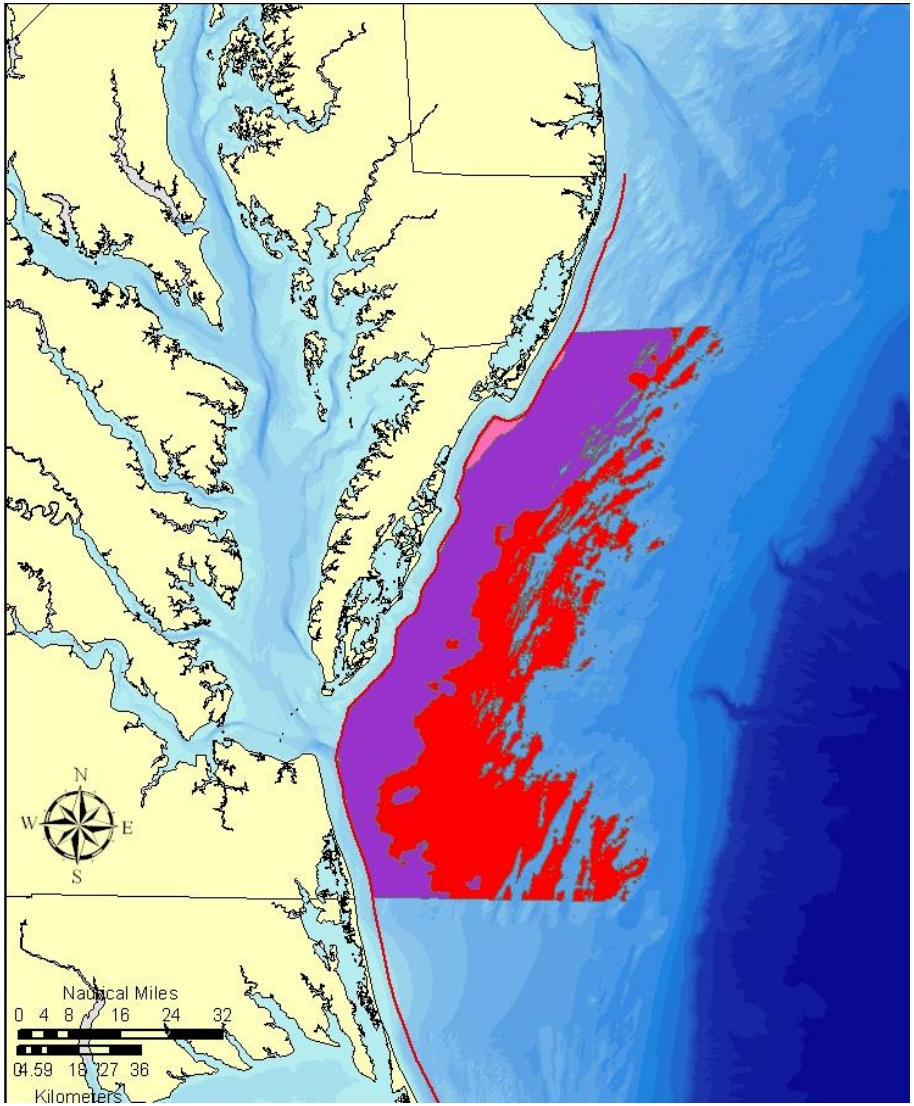
Extensive industry and banking relationships

Note: Steel Winds picture courtesy of NY Times

# Offshore Wind has been proven in Europe

- Europe has over 15 years of experience developing offshore wind
- By the end of 2009 there will be 33 offshore wind projects in operation  and more than a dozen offshore projects under development in Spain, France, Italy, Ireland, the United Kingdom, Scotland,  Germany, the Netherlands, Denmark, and Sweden
- By 2015 there will be and estimated 15 GW of offshore wind capacity in Europe

# Virginia has an exceptional resource




- Offshore wind is typically stronger than onshore wind, closer to population centers, and produces during on-peak hours
- Map shows wind resource for depths less than 30 meters (100 ft)
- Virginia has a large shallow-water wind resource that can be developed with proven technology
- Some territory will be restricted for military, shipping lanes, environmental concerns, and visual impact
- However, development of even a small portion of this resource can generate large amounts of electricity

**Wind Resource:** **Class 4** **Class 5** **Class 6**

Note: Image developed by the Virginia Coastal Energy Research Consortium

# Questions