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# **Regulatory Task Force for Coastal Clean Energy**

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Catherine Vanden Houten  
Monday, April 20, 2009

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# South Carolina Energy Office

Mission:

To increase energy efficiency and diversity,  
enhance environmental quality  
and save energy dollars for South Carolina.



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# DOE Wind Grant

- 2008
  - U.S. Department of Energy
  - South Carolina Roadmap to Gigawatt-Scale Coastal Clean Energy Generation: Transmission, Regulation and Demonstration
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# DOE Wind Grant

- Goal: to overcome existing barriers for coastal clean energy development for wind, wave and tidal energy projects in South Carolina.



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# DOE Wind Grant

## ■ Partners:

- ❑ S.C. Energy Office –primary award recipient
  - ❑ S.C. Institute for Energy Studies, Clemson University
  - ❑ EcoEnergy, LLC
  - ❑ Coastal Carolina University
  - ❑ North Carolina State University
  - ❑ Savannah River National Lab
  - ❑ Santee Cooper
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# DOE Wind Grant

- **Objective:** to develop an 80 MW offshore wind pilot project in state waters and initial research of wave and tidal energy applications
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# DOE Wind Grant

- ❑ Task 1: offshore wind transmission study
  - ❑ Task 2: wind, wave & current study
  - ❑ Task 3: Regulatory Task Force for Coastal Clean Energy
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# Regulatory Task Force

- Mission: to create a regulatory environment conducive to wind, wave and tidal energy development in state waters



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# Regulatory Task Force – structure

- Regulatory Task Force
    - Regulatory Working Group
    - Scientific/Technical Advisory Group
    - Public Outreach Working Group (TBD)
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# *Regulatory Working Group*

- U.S. Fish & Wildlife Service
  - Minerals Management Service
  - National Marine Fisheries Service, NOAA
  - U.S. Army Corps of Engineers
  - Bureau of Water, S.C. DHEC
  - Office of Coastal Resource Management, S.C. DHEC
  - S.C. Department of Natural Resources
  - S.C. Department of Archives & History
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# *Scientific/Technical Advisory Group*

- Coastal Carolina University
  - EcoEnergy, LLC
  - North Carolina State University
  - Research Planning, Inc.
  - Santee Cooper
  - Savannah River Ecology Lab
  - S.C. Coastal Conservation League
  - S.C. Institute for Energy Studies, Clemson University
  - S.C. Sea Grant Consortium
  - University of South Carolina, Marine Science Program
  - University of South Carolina, School of the Environment
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# Regulatory Task Force – timeframes

- March - April 2009
    - establish Regulatory Task Force
  - May 2009
    - begin regular meeting schedule
  - October 2009
    - visit offshore wind platforms, wave & tidal buoys, proposed transmission line areas
  - October 2010
    - recommend regulations & legislation
  - October 2011
    - produce final report
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# South Carolina Energy Office

[www.energy.sc.gov](http://www.energy.sc.gov)

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