



Offshore Renewable Energy and Alternate Use

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Energy Policy Act of 2005

- Signed by President Bush on August 8, 2005
- Section 388 amended the OCS Lands Act and gave the Department of the Interior (DOI) new authority to regulate Federal OCS renewable energy and alternate uses
 - DOI designated the authority to MMS

Section 388 Does Not:

- Supersede or modify existing Federal authority
- Authorize any oil and gas activities in moratoria areas
- Apply to National Marine Sanctuaries, National Parks, National Wildlife Refuges, or any National Monuments

Examples of OCS Renewable Energy

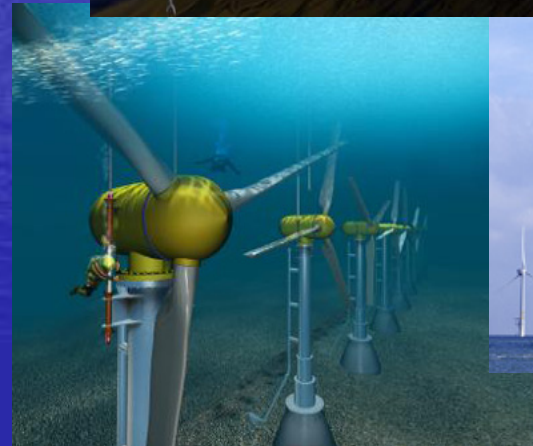
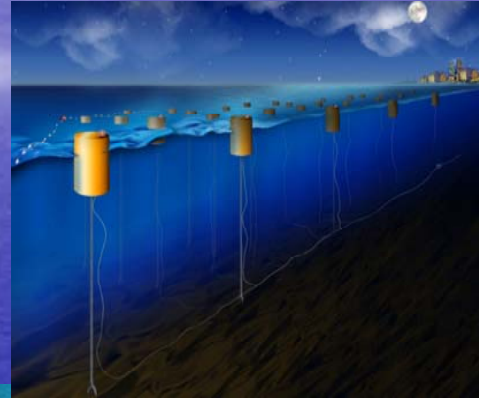
- Wind Energy
- Wave Energy
- Ocean Current Energy
- Solar Energy
- Hydrogen

Examples of Alternate Use

- Aquaculture
- Research
- Education
- Recreation
- Offshore Operations Support
- Telecommunications

MMS Action Plan

- Develop a regulatory program
- Manage existing OCS renewable energy projects



Developing a Program Framework

- Program design premises:
 - Enter into meaningful dialogue with stakeholders
 - Create new regulatory process
 - Focus on “regulator” role
 - Use sound science, engineering, and environmental protection principles

Program Development

- ✓ First Step: December 2005 ANPR Requested public input to assist with program and rulemaking development
 - Access to OCS lands and resources
 - Coordination and consultation
 - Environmental information and compliance
 - Operational activities
 - Payments and revenues

Program Development

- ✓ Second Step: May and June 2006
Received public input at scoping meetings and began preparation of Programmatic EIS
 - Identify generic impacts of renewable energy technologies
 - Identify generic impacts of alternate use of existing facilities
 - Recommend mitigation measures
 - Recommend best practices
 - *ocsenergy.anl.gov*

Program Development

- Next Steps

October 2006

- Hold stakeholder meetings

Winter 2006/07

- Publish draft regulations
- Open comment period
- File draft Programmatic EIS
- Hold public hearings

Spring 2007

- Convene strategic studies plan workshop

Program Development

- Final Steps

Summer 2007

- Publish Final Programmatic EIS

Fall 2007

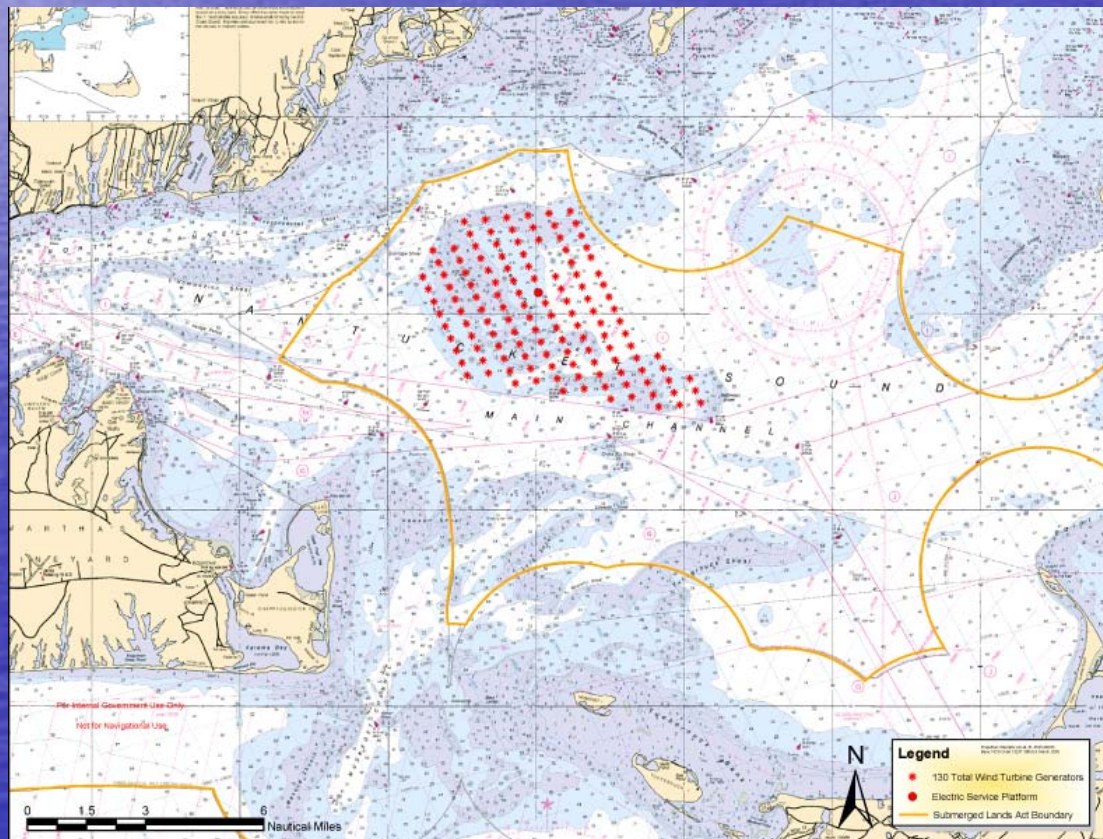
- Publish Final Rulemaking
- File Record of Decision
- Hold Public Workshops
- Complete Strategic Studies Plan

Manage Existing OCS Renewable Energy Projects

- Conduct project-specific scoping and NEPA compliance
- Identify State and Federal resource agencies and NGOs with information and expertise
- Evaluate the environmental and technical components of each proposal from construction through decommissioning

Cape Wind Energy Project

Cape Wind Associates, LLC, proposes to construct a wind park in Nantucket Sound, Massachusetts, about 4.7 miles offshore.



Cape Wind Energy Project

- The proposal consists of 130 wind turbine generators and could produce up to 454 megawatts of electricity.
- We are preparing an EIS to evaluate the project's impact from construction through decommission.
- Scoping period closed on July 28.
- Anticipate draft EIS in February 2007.

LIOWP Project

- The proposal entails installation of 40 wind turbine generators to produce 140 megawatts of electricity for use in Long Island communities.
- We are preparing an EIS to evaluate the project's impact from construction through decommission.
- Scoping period closed August 21.
- Anticipate draft EIS in April 2007.

Opportunities

- Opening the OCS to renewable energy possibilities
- Building partnerships with new stakeholders
- Expanding our offshore expertise and scientific knowledge
- Balancing multiple uses on the OCS
- Working to diversify the Nation's domestic energy portfolio

Questions?

[www.mms.gov/offshore/
RenewableEnergy/RenewableEnergyMain.htm](http://www.mms.gov/offshore/RenewableEnergy/RenewableEnergyMain.htm)