



OCS Alternative Energy and Alternate Use

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From Local to Global
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Energy Policy Act of 2005

Section 388 amended the OCS Lands Act and gave the Department of the Interior (DOI) new authority to regulate Federal OCS alternative energy and alternate uses

- DOI delegated the authority to MMS

Examples of Alternative Energy



Wind Energy

Wave Energy

Ocean Current
Energy

Solar Energy

Hydrogen



Examples of Alternate Use

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

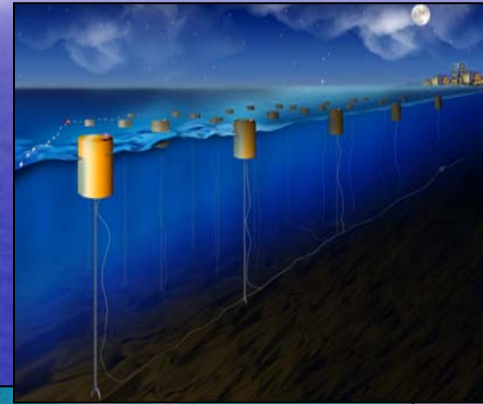
(Only those alternate uses not otherwise authorized by OCSLA, Deepwater Port Act, the Ocean Thermal Energy Conversion Act or other applicable law.)

Section 388 of the EPA Act 05 Does Not:

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

MMS Action Plan

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



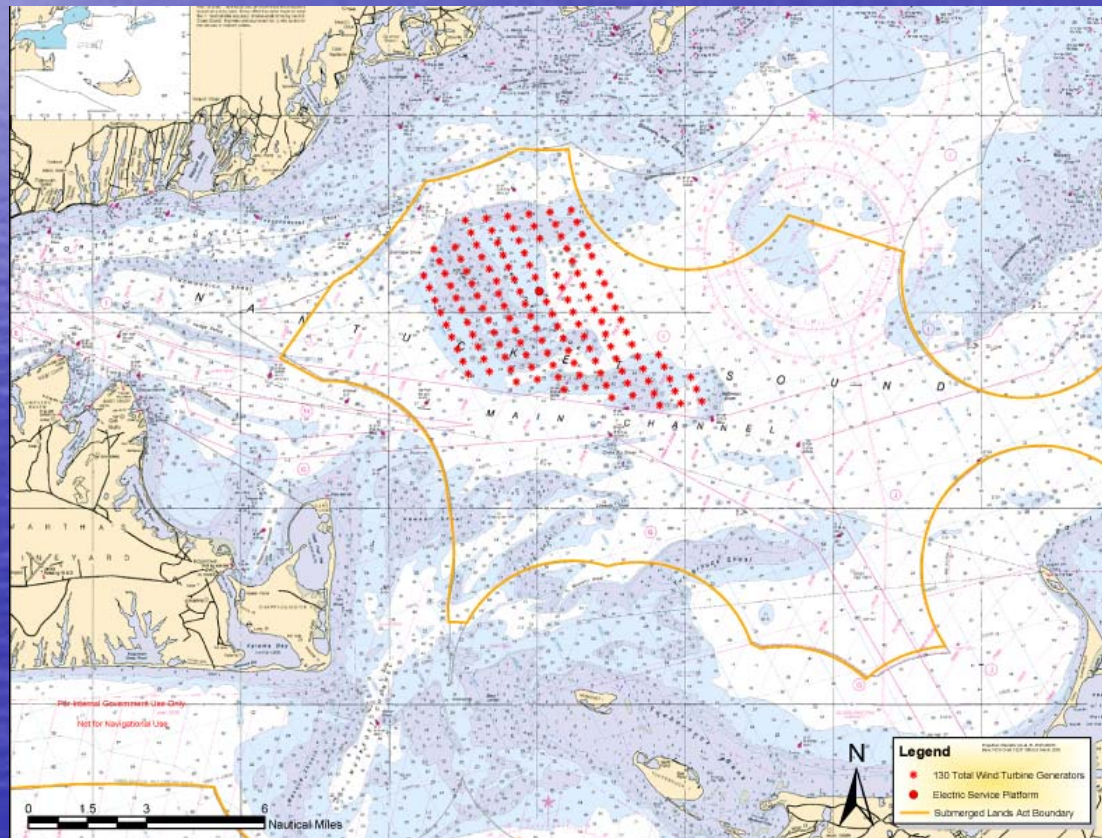
Manage Existing OCS Alternative Energy Projects

- Cape Wind Energy Project
- Long Island Offshore Wind Park

“MMS will not issue decisions until the Alternative Energy Program is in place”

Cape Wind Energy Project (CW)

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



Long Island Offshore Wind Park (LIOWP)

Long Island Power Authority and Florida Power and Light Energy propose to build offshore wind park about 4 miles off the south shore of Long Island, New York



Develop a Regulatory 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

Stakeholder Meetings

- Held stakeholder meetings in Oregon, Massachusetts, New Jersey, and New York to share experiences and relevant knowledge associated with regional planning and siting energy facilities
 - *Identify stakeholders*
 - *Describe key issues and concerns*
 - *Characterize energy needs and trends*
 - *Describe current and future technology development*
 - *Identify State/Local regulations*

Competition Requirement

Secretary shall issue a lease, easement, or right-of-way on a competitive basis unless the Secretary determines after public notice of a proposed lease, easement, or right-of-way that there is not competitive interest.

Key Considerations

- Safety
- Protection of the environment
- Coordination with affected State & local governments and Federal agencies
- Fair return for use of OCS lands
- Equitable sharing of revenue with States

Major Regulatory Elements*

- Lease Issuance
 - Competitive & Noncompetitive Coordination
- Lease Administration
 - Bonding & Payments
- Project Plan Reviews
 - Site Assessment & Construction and Operations
- Conduct of Approved Plan Activities
 - Installation, Production
 - Environmental and Safety Monitoring & Inspections
- Decommissioning

*Includes compliance with Federal statutory requirements (e.g., NEPA, CZMA, ESA, MMPA, CWA, CAA etc.)

Programmatic EIS/ Rulemaking Targets

Spring 2007

- Published Draft Programmatic EIS www.ocsenergy.anl.gov (March 16)
- Hold public hearings (April-May)
- Close public comment period (May 21)

Summer 2007

- Publish Draft Rule
- Draft Rule 60-day comment period closes

Fall 2008

- Publish Final Rule

Marine Mapping Initiative

Section 388 mandated that DOI:

- Establish an interagency, comprehensive digital mapping initiative
- Use to assist in decision making relative to siting alternative energy activities

Marine Cadastre Working Group, associated with the Federal Geographic Data Committee (FGDC), was formed to accomplish this task

Marine Mapping Initiative

Will depict:

- OCS locations of Federally-permitted activities;
- Obstructions to navigation;
- Submerged cultural resources;
- Undersea cables;
- Offshore aquaculture projects;
- Areas designated for the purpose of safety, national security, environmental protection, or conservation and management of living marine resources

Targeting FY08 to develop interactive map

Opportunities

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

Questions?

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www.mms.gov/offshore/

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