Who is MMS?

The Minerals Management Service manages the ocean energy and mineral resources on the Outer Continental Shelf and Federal and Indian mineral revenues to enhance public and trust benefits, promote responsible use, and realize fair value.
Setting the Stage

- Oil & natural gas and renewable energy
  - Resource potential
  - Current activities
<table>
<thead>
<tr>
<th>Region</th>
<th>Oil (billion bbls)</th>
<th>Gas (trillion cubic ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>95%</td>
<td>Mean</td>
</tr>
<tr>
<td>Atlantic</td>
<td>1.12</td>
<td>3.82</td>
</tr>
<tr>
<td>North Atl.</td>
<td>0.57</td>
<td>1.91</td>
</tr>
<tr>
<td>Mid Atl.</td>
<td>0.43</td>
<td>1.50</td>
</tr>
</tbody>
</table>
Mid Atlantic Planning Area
Undiscovered Technically Recoverable Resources by Water Depth Range
September, 2006

North Atlantic Planning Area
Undiscovered Technically Recoverable Resources by Water Depth Range
September, 2006

Note:
Resource numbers in the Atlantic area are estimates based on 1970s-1980s seismic data and limited exploratory wells. The numbers for these bands in the Atlantic area, while based on the best available data, are highly speculative.

Resource Estimates Based on MMS 2006 Assessment Data

<table>
<thead>
<tr>
<th>Water Depth (m)</th>
<th>Gas (Tcf)</th>
<th>Oil (Bbl)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-200</td>
<td>1.43-5.96</td>
<td>0.11-0.67</td>
</tr>
<tr>
<td>200-300</td>
<td>3.01-5.96</td>
<td>0.11-0.67</td>
</tr>
<tr>
<td>300-400</td>
<td>3.01-5.96</td>
<td>0.11-0.67</td>
</tr>
<tr>
<td>400-500</td>
<td>3.01-5.96</td>
<td>0.11-0.67</td>
</tr>
<tr>
<td>500-600</td>
<td>3.01-5.96</td>
<td>0.11-0.67</td>
</tr>
<tr>
<td>600-700</td>
<td>3.01-5.96</td>
<td>0.11-0.67</td>
</tr>
<tr>
<td>700-800</td>
<td>3.01-5.96</td>
<td>0.11-0.67</td>
</tr>
<tr>
<td>800-900</td>
<td>3.01-5.96</td>
<td>0.11-0.67</td>
</tr>
<tr>
<td>900-1000</td>
<td>3.01-5.96</td>
<td>0.11-0.67</td>
</tr>
<tr>
<td>1000-1100</td>
<td>3.01-5.96</td>
<td>0.11-0.67</td>
</tr>
<tr>
<td>1100-1200</td>
<td>3.01-5.96</td>
<td>0.11-0.67</td>
</tr>
<tr>
<td>≥1200</td>
<td>3.01-5.96</td>
<td>0.11-0.67</td>
</tr>
</tbody>
</table>

Resource values are in trillion cubic feet of gas (Tcf) and billion barrels of oil (Bbl).
Mid-Atlantic Sale 220 Program Area Offshore Virginia
Proposed Lease Sale 220
Offshore Virginia

- Call for Information and Interest/Nominations and Notice of Intent to Prepare EIS (Call/NOI) published in Federal Register November 13, 2008. (Comments on Call/NOI due December 29, 2008.)

- December 3-4, 2008 Environmental Studies workshop in Williamsburg Virginia on assessing environmental and technical needs.
New 5-Year Program
2010-2015?

- Request for information & comment issued 8/1/08 (over 152,000 comments received)

- President modified Executive withdrawal on 7/14/08
  - Removed executive restrictions except in Marine Sanctuaries
  - “Must allow states to have a say in what happens off their shores”
  - Share new leasing revenues with the states

- Annual Congressional moratoria eliminated
Coastal States
Renewable Portfolio Standards (RPS)

State Goal

NJ: 22.5% by 2021
CT: 23% by 2020
CA: 33% by 2020
RI: 16% by 2020
DC: 20% by 2020
NY: 24% by 2013
MD: 20% by 2022
MA: 15% by 2020 + 1% annual increase (Class I Renewables)
VA: 12% by 2022
DE: 20% by 2019
DC: 20% by 2020
HI: 20% by 2020
WA: 15% by 2020 (large utilities) 5% - 10% by 2025 (smaller utilities)
OR: 25% by 2025 (large utilities)
NC: 12.5% by 2021
NH: 16% by 2025
TX: 5880MW by 2015
ME: 30% by 2000 10% by 2017 - new RE
HI: 20% by 2020
10% by 2017 - new RE

Source: DSIRE: www.dsireusa.org
November 2008
US Offshore Wind Resources Located Near Coastal Metropolitan Load Centers
Published Final Programmatic EIS in November 2007
- www.ocsenergy.anl.gov
- Adopted 15 policies and 52 Best Management Practices

Published proposed rule July 2008

Interim Policy for Limited Leasing
- Applies to resource data collection and technology testing activities
Anticipated Interim Policy Leases: Northeast

*all wind met towers*
OCS Alternative Energy

- **Next Steps**
  - Continue environmental studies
  - Continue mapping initiative
  - Issue limited leases
  - Publish final rule
    - Proceed with commercial leasing