• Project Description

• Status of Regulatory Review

• Federal Consistency
Project Description

• 130 Wind Turbine Generators (WTG)
• 454 Megawatts Total Generating Capacity
• WTG array covers approx. 24 sq. miles
• Inner-array cable network
• Approx. 12 mile long transmission cables to land
Site Locus

<table>
<thead>
<tr>
<th>Site</th>
<th>ENF 170 WTGs</th>
<th>DEIR 130 WTGs</th>
<th>FEIR 130 WTGs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pt. Gammon</td>
<td>4.1 MILES</td>
<td>4.7 MILES</td>
<td>5.2 MILES</td>
</tr>
<tr>
<td>Nantucket</td>
<td>13.2 MILES</td>
<td>13.8 MILES</td>
<td>13.8 MILES</td>
</tr>
<tr>
<td>Edgartown</td>
<td>8.7 MILES</td>
<td>9.0 MILES</td>
<td>9.0 MILES</td>
</tr>
<tr>
<td>Oak Bluffs</td>
<td>8.8 MILES</td>
<td>9.3 MILES</td>
<td>9.3 MILES</td>
</tr>
<tr>
<td>Cotuit</td>
<td>5.5 MILES</td>
<td>6.0 MILES</td>
<td>5.6 MILES</td>
</tr>
<tr>
<td>Craigville Beach</td>
<td>6.2 MILES</td>
<td>6.8 MILES</td>
<td>6.5 MILES</td>
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</tbody>
</table>
Wind Turbine Dimensions
Electrical Service Platform
Federal Review Process

• Draft EIS issued in November 2004 by US Army Corps of Engineers

• Federal Energy Policy Act gave lead role to Minerals Management Service

• MMS review process under development
Issues Identified in Public Review Process (a partial list)

• Visual Impacts
• Fisheries
• Habitat
• Sand movement
• Conflicting Uses
• “Industrialization” of Nantucket Sound
• Avian impacts
• Navigation impacts
• Economic benefits/detriments
• Effects on tourism
• Oil spills
• Location of state/federal boundary
Federal Consistency Review

• What are the effects on the coastal zone?

• Are these effects related to enforceable policies?
• Visual impacts

• Habitat / Fisheries impacts

• Sediment transport

• Alternatives Analysis
## Direct Impacts to Seafloor

<table>
<thead>
<tr>
<th></th>
<th>State Waters</th>
<th>Federal Waters</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WTG &amp; ESP</strong></td>
<td>0</td>
<td>480 acres</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.2 acres permanent</td>
</tr>
<tr>
<td><strong>Inner-array cables</strong></td>
<td>0</td>
<td>685 acres</td>
</tr>
<tr>
<td><strong>Transmission cables</strong></td>
<td>115 acres</td>
<td>100 acres</td>
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</tbody>
</table>
Analysis of Alternative Sites
Looking ahead…