Outer Continental Shelf Wind Energy
Leasing in the New York Bight

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Outer Continental Shelf (OCS) Energy

“The Outer Continental Shelf (OCS) is a **vital national resource** reserve held by the Federal Government for the public, which should be made available for **expeditious and orderly development**, subject to **environmental safeguards**, in a manner which is consistent with the maintenance of competition and other national needs.”

*Outer Continental Shelf Lands Act (OCSLA) | Sec 3(3)*

“... may grant a lease [for] energy from **sources other than oil and gas** ... in a manner that provides for safety and protection of the environment.”

*Energy Policy Act of 2005 | Sec. 388*
Office of Renewable Energy Programs

Leasing
- 12 active commercial wind energy leases in the Atlantic
- Upcoming lease sales in MA and NY Bight

Site Assessment Plans (SAP)
- 7 approved (MA, RI, VA, MD, MA, NJ, NY)

Construction and Operations Plans (COP)
- 2 processing (Vineyard Wind & Deepwater Wind South Fork)

Planning activities continue off California, North Carolina and the New York Bight
Renewable Energy Process: From Call to Operation

[ Planning & Analysis ]
- Initiate Leasing Process (RFI/Call)
- Area Identification: Wind Energy Areas
- NEPA/Environmental Reviews
- Publish Leasing Notices
- Pre-survey Meetings/Plan

[ Leasing ]
- Lease Granted
- Submit SAP
- BOEM Reviews & Approves SAP
- Submit COP (with Project Design Envelope – optional)
- BOEM Approves COP

[ Site Assessment ]
- Site Assessment & Surveys (maximum timeframe)

[ Construction & Operations ]
- BOEM Environmental & Technical Reviews
- Installation
- Submit Design & Installation Plans
Renewable Energy Process: From Call to Auction

- **Call for Information and Nominations**
  - Potential Task Force Meetings/Webinars
  - Call

- **Area Identification**
  - Wind Energy Areas
  - Public Comment: 45 days
  - Area Identification: ~1/2

- **Leasing Document Development**
  - Environmental Assessment Process & Public Involvement: 60 days
  - Proposed Sale Notice
  - Final Sale Notice

- **Auction**
  - Late 2019

Timeline:
- Early 2019
- Summer 2019
- Late 2019
- Early 2020
What is a Wind Energy Area?

- A portion of the OCS identified by BOEM for NEPA analysis (Environmental Assessment)
- The basis for a Lease Area
Response to the Call

Comment period closed **July 30, 2018**

- 132 comments received
  - General public, federal, state and local agencies, fishing industry, industry groups, developers, eNGOs, universities

- Eight nominations received from qualified companies
Factors for Wind Energy Area Consideration

- Developer Nominations
- Recreational & Commercial Fishing
- Visual
- Marine Protected Species
- Avian Species

- Cables
- Radar
- Wind Resource
- Vessel Navigation
- Department of Defense
- Cost of Development
New York Bight
DRAFT Wind Energy Areas

Primary Recommendation:
• 315,268 acres
• ~3.8 GW

Primary & Secondary Recommendation:
• 793,862 acres
• ~9.6 GW
Fairways North Winnowing

- Developer Nominations
- Visual & Historic Properties
- Marine Protected Species
- Cables
- Recreational & Commercial Fishing
- Vessel Navigation
Fairways North
Winnowing

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Fairways North Winnowing

- Developer Nominations
- Visual & Historic Properties
- Marine Protected Species
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- Recreational & Commercial Fishing
- Vessel Navigation

Acres 13,166
Energy Potential 160 MW

Acres 25,976
Energy Potential 315 MW
Fairways South Winnowing

- Developer Nominations
- Visual & Historic Properties
- Cables
- Marine Protected Species
- Recreational & Commercial Fishing
- Vessel Navigation
Fairways South Winnowing

- Developer Nominations
- Visual & Historic Properties
- Cables
- Marine Protected Species
- **Recreational & Commercial Fishing**
- Vessel Navigation
Fairways South Winnowing

- Developer Nominations
- Visual & Historic Properties
- Cables
- Marine Protected Species
- Recreational & Commercial Fishing
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Fairways South Winnowing

- Developer Nominations
- Visual & Historic Properties
- Cables
- Marine Protected Species
- Recreational & Commercial Fishing
- Vessel Navigation

Acres 14,589
Energy Potential 177 MW

Acres 9,525
Energy Potential 112 MW

New York Bight Call Area
Hudson North Winnowing

- Developer Nominations
- Recreational & Commercial Fishing
- Cables
- Vessel Navigation
Hudson North Winnowing

- Developer Nominations
- Recreational & Commercial Fishing
- Cables
- Vessel Navigation
Hudson North Winnowing

- Developer Nominations
- Recreational & Commercial Fishing
- Cables
- Vessel Navigation
Hudson South Winnowing

- Developer Nominations
- Recreational & Commercial Fishing
- Cables
- Vessel Navigation
- Department of Defense
Hudson South Winnowing

- Developer Nominations
- Recreational & Commercial Fishing
- Cables
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Hudson South Winnowing

- Developer Nominations
- Recreational & Commercial Fishing
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<table>
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<tr>
<th>Acres</th>
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<tr>
<td>393,194</td>
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<tr>
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The Road Ahead

- **Early 2019** – Announcement of **FINAL** Wind Energy Areas
- **Summer 2019** – Proposed Sale Notice
- **Late 2019** – Final Sale Notice
- **Early 2020** – Lease Sale
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