Overview of Commercial Renewable Energy Lease Activities Offshore New York

Luke Feinberg, Project Coordinator
Leasing in the New York Region

- Eight leases
- Three unsolicited lease requests
OCS Renewable Energy Authorization Process

**Planning & Analysis**
- 2 Years
- Intergovernmental Task Force
- Request for Information (RFI) / Call for Information & Nominations (Call)
- Area Identification
- Environmental Reviews

**Leasing**
- 1-2 Years
- Publish Leasing Notices
- Conduct Auction
- Issue Lease(s)

**Site Assessment**
- 5 Years
- Site Characterization
- Site Assessment Plan (SAP)

**Construction & Operations**
- 2 Years (+25)
- Construction and Operations Plan (COP)
- Facility Design Report (FDR) and Fabrication & Installation Report (FIR)
- Decommissioning
Renewable Energy Process: Leasing to Operations

- Initiate Leasing Process (RFI/Call)
  - Area Identification: Wind Energy Areas
  - Publish Leasing Notices

- Lease Granted
  - Pre-survey Meetings/Plan

- Submit SAP
  - Site Assessment & Surveys (maximum timeframe)

- BOEM Deems COP Complete & Sufficient
  - BOEM Environmental & Technical Reviews

- BOEM Approves COP
  - Installation

- NEPA/Environmental Reviews
- Auction
- BOEM Reviews & Approves SAP
- Submit COP
- Submit Design & Installation Plans
**September 2011:** New York Power Authority (NYPA) submitted an unsolicited lease request

**January 2013:** BOEM issued a Request for Interest to assess competitive interest in the lease area

**May 2014:** BOEM published Call for Information & Nominations

**August 2016:** Proposed Sale Notice

**October 2016:** Final Sale Notice
- Incorporated 10% bidding credit for government authorities
- Removal of a portion of the area due to comments received
- Included a limited opportunity to revoke

**December 2016:** Auction
December 15-16, 2016:

• Ascending clock auction conducted online

• Participating bidders:
Each round 20 min
End of each round, BOEM provides next round’s asking price, number of bidders
**Live Bid** – a bid at the full asking price
**Exit Bid** – a bid higher than the previous round's asking price but less than the current round's asking price
www.boem.gov/Bid-Summary-ATLW-6/
New York Wind Energy Area | Auction Action

<table>
<thead>
<tr>
<th>Round</th>
<th>Bidder Name</th>
<th>Bid Type</th>
<th>Asking Price</th>
<th>Bid Credit</th>
<th>Cash Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>Avangrid Renewables, LLC</td>
<td>Live</td>
<td>$15,969,725</td>
<td>$15,969,725</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DONG Energy Wind Power (U.S.) Inc.</td>
<td>Exit</td>
<td>$15,010,051</td>
<td>$15,010,051</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Innogy US Renewable Projects LLC</td>
<td>Live</td>
<td>$15,969,725</td>
<td>$1,596,973</td>
<td>$14,372,752</td>
</tr>
<tr>
<td></td>
<td>New York State Energy Research and Development Authority</td>
<td>Live</td>
<td>$15,969,725</td>
<td></td>
<td>$15,969,725</td>
</tr>
<tr>
<td></td>
<td>Statoil Wind US LLC</td>
<td>Live</td>
<td>$15,969,725</td>
<td></td>
<td>$15,969,725</td>
</tr>
<tr>
<td></td>
<td>wpd offshore Alpha LLC</td>
<td>Live</td>
<td>$15,969,725</td>
<td></td>
<td>$15,969,725</td>
</tr>
</tbody>
</table>

- **Live Bid** – a bid at the full asking price
- **Exit Bid** – a bid higher than the previous round's asking price but less than the current round's asking price

- [www.boem.gov/Bid-Summary-ATLW-6/](http://www.boem.gov/Bid-Summary-ATLW-6/)
New York Wind Energy Area | Auction Action

- **Live Bid** – a bid at the full asking price
- **Exit Bid** – a bid higher than the previous round's asking price but less than the current round's asking price
- [www.boem.gov/Bid-Summary-ATLW-6/](http://www.boem.gov/Bid-Summary-ATLW-6/)
### New York Wind Energy Area | Auction Action

<table>
<thead>
<tr>
<th>Round</th>
<th>Bidder Name</th>
<th>Bid Type</th>
<th>Asking Price</th>
<th>Bid Credit</th>
<th>Cash Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>Avangrid Renewables, LLC</td>
<td>Exit</td>
<td>$31,999,999</td>
<td></td>
<td>$31,999,999</td>
</tr>
<tr>
<td></td>
<td>DONG Energy Wind Power (U.S.) Inc.</td>
<td>Exit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Innogy US Renewable Projects LLC</td>
<td>Exit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>New York State Energy Research and Development Authority</td>
<td>Live</td>
<td>$33,469,725</td>
<td>$3,346,973</td>
<td>$30,122,752</td>
</tr>
<tr>
<td></td>
<td>Statoil Wind US LLC</td>
<td>Live</td>
<td>$33,469,725</td>
<td></td>
<td>$33,469,725</td>
</tr>
<tr>
<td></td>
<td>wpd offshore Alpha LLC</td>
<td>Live</td>
<td>$33,469,725</td>
<td></td>
<td>$33,469,725</td>
</tr>
</tbody>
</table>

- **Live Bid** – a bid at the full asking price
- **Exit Bid** – a bid higher than the previous round's asking price but less than the current round's asking price
- [www.boem.gov/Bid-Summary-ATLW-6/](http://www.boem.gov/Bid-Summary-ATLW-6/)
New York Wind Energy Area | Auction Action

<table>
<thead>
<tr>
<th>Round</th>
<th>Bidder Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>Avangrid Renewables, LLC</td>
</tr>
<tr>
<td></td>
<td>DONG Energy Wind Power (U.S.) Inc.</td>
</tr>
<tr>
<td></td>
<td>Innogy US Renewable Projects LLC</td>
</tr>
<tr>
<td></td>
<td>New York State Energy Research and Development Authority</td>
</tr>
<tr>
<td></td>
<td>Statoil Wind US LLC</td>
</tr>
<tr>
<td></td>
<td>wpd offshore Alpha LLC</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bid Type</th>
<th>Asking Price</th>
<th>Bid Credit</th>
<th>Cash Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exit</td>
<td>$40,000,042</td>
<td>$4,000,004</td>
<td>$36,000,038</td>
</tr>
<tr>
<td>Live</td>
<td>$42,469,725</td>
<td></td>
<td>$42,469,725</td>
</tr>
</tbody>
</table>

- **Statoil deemed Provisional Winner with a bid of $42,469,725**
- **Live Bid** – a bid at the full asking price
- **Exit Bid** – a bid higher than the previous round's asking price but less than the current round's asking price
- [www.boem.gov/Bid-Summary-ATLW-6/](http://www.boem.gov/Bid-Summary-ATLW-6/)
Statoil Wind US LLC

OCS-A 0512 (79,350 acres)

• Lease executed **March 15, 2017**

• SAP due **April 1, 2018**
Deepwater Wind New England LLC

OCS-A 0486 (97,498 acres)

- 90 MW South Fork project; expecting a COP by \textit{end of 2018}

- Long Island Power Authority approved a power purchase agreement for South Fork \textit{January 25, 2017}
Ocean Wind

OCS-A 0498 (160,480 acres)

- SAP surveys completed in **Summer 2017**
- Reconnaissance level surveys in support of a COP in **Fall 2017**
- SAP submitted to BOEM on **September 25, 2017**
US Wind Inc.

OCS-A 0499 (188,353 acres)

• Lease effective date
  March 1, 2016

• Preliminary term extended to
  March 1, 2018
Bay State Wind

OCS-A 0500 (187,523 acres)

• Cable route and site geophysical surveys, **Summer 2017**

• SAP approved **June 29, 2017**, meteorological buoys deployed
Vineyard Wind

OCS-A 0501 (166,886 acres)

- SAP submitted to BOEM *March 31, 2017*
- Cable Route Reconnaissance Geological Survey, *Summer, 2017*
Unsolicited Lease Request | New York

• On **December 30, 2016**, PNE Wind USA, Inc., submitted an unsolicited lease request for 40,920 acres

• BOEM is evaluating the request with the Path Forward effort
Unsolicited Lease Requests | Massachusetts

- Two overlapping request received – competitive interest
- PSN in development, targeted **End of 2017**
- Determination of NEPA Adequacy
- Lease Sale Target of **Summer 2018**
Questions?

Luke Feinberg
luke.feinberg@boem.gov
(703) 787-1705