Bay State Wind
Restructuring Roundtable
Thomas Brostrøm, President, Ørsted North America
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About Bay State Wind

Orsted + Eversource Energy = Bay State Wind

Global Leadership
20+ year record of success

Proven Expertise
23 successful offshore wind farms totalling 4.4 GW capacity

Record of Success
On-budget and on-time large-scale projects

Transmission Expertise
Premier transmission builder in New England

Massachusetts Roots
Deep-rooted knowledge of the region’s electrical grid

Longstanding Leader
100+ year history of operation in Massachusetts

Global offshore wind expertise meets New England transmission expertise

the Clear Choice for Massachusetts
Our Bid: Delivering the best to Massachusetts

+ Global expertise and innovative technology leadership to make Massachusetts the U.S. hub for offshore wind

+ Utility scale project to offer aggressive pricing and maximize economic benefits

+ Local supply chain investments to revitalize Brayton Point and New Bedford communities

+ $1 billion in direct investments to launch a new American industry, with Massachusetts as the hub
## Bay State Wind: Innovation & Technology Leader

<table>
<thead>
<tr>
<th>Utility-scale projects maximize economies of scale: providing <strong>more power, more efficiently</strong></th>
<th>Large-scale projects <strong>create incentives to draw supply chain/OEMs</strong> and to grow local economy</th>
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Leading on new technology use: first to **deploy 6, 7 and 8MW turbines**

Achieved **63% cost reductions** over the past 6 years in Europe

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**Rapid technological development**  
Wind turbine megawatt power, year of commissioning

<table>
<thead>
<tr>
<th>Power</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>2MW</td>
<td>2003</td>
</tr>
<tr>
<td>3MW</td>
<td>2006</td>
</tr>
<tr>
<td>6MW</td>
<td>2015</td>
</tr>
<tr>
<td>8MW</td>
<td>2017</td>
</tr>
<tr>
<td>10MW</td>
<td>2020</td>
</tr>
<tr>
<td>12MW</td>
<td>2021</td>
</tr>
</tbody>
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Bay State Wind: Leadership in Permitting Approvals

We’re the first:

+ To receive BOEM’s Site Assessment Plan (SAP) approval

+ To deploy FLIDARs and single metocean/current buoy to measure wind speed and wave height

+ In queue to use Brayton Point as interconnection point

+ And, the only to be designated under the Department of Interior’s Fixing America’s Surface Transportation Act (FAST-41)
Bay State Wind: Driving Local Economic Development

+ Global clout to attract manufacturing investments that launches a new American industry, right here in Massachusetts

+ $30 million in lease payments, fees and taxes

+ Create 1,200+ annual jobs directly, and thousands more indirectly

We bring decades of offshore wind project relationships, with track record & impact to attract supply chain.
Bay State Wind: Committed to Massachusetts

+ $17.5 million in low-income energy assistance
Bay State Wind: Environmental Stewardship

Environmental stewardship is our core principle: we believe the world should run on **green energy**

Seamlessly collaborated and coexisted with the **fishing community** and **marine life** for 25+ years

Hired a dedicated **marine biologist** focusing on the North Atlantic Right Whale
Bay State Wind: Transmission Solution

+ Ørsted is the world's most experienced developer of offshore transmission

+ Employing the most powerful AC cables (275 kV) to an offshore wind farm, reducing number of cables with cost & environmental impact reductions

+ Interconnection at Brayton Point: strongest, most robust section of the grid

+ Modular, coordinated transmission for cost-effective, on-schedule development
Bay State Wind: Innovator in Battery Storage

+ **World’s largest** energy storage system paired with wind generation: **55 MW, 110 MWh** storage system

+ Partnering with **NEC Energy Solutions**, a Massachusetts-based energy company

+ **Ensuring power during peak hours:** **$300 million** estimated annual winter price reduction benefits
Why Bay State Wind?

- Global leader in offshore wind + premier transmission builder in New England
- Proven track record of successful projects for more than 25 years
- 800MW utility-scale project keeps costs in check and attracts local investment
- Global innovation and local know-how to make Massachusetts the U.S. hub
- Committed to Massachusetts for the long haul
Thank you

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