



Pocantico Follow-up: Offshore Wind Supply Chain Working Group
Session 1 9.21.11

Meeting Notes

Participants

State Agencies / Organizations

Steve Meyers, NJ DEP
Joe Carpenter, NJ DEP
Jeri Weigand, NJ DEP (Economic Growth and Green Energy)
Greg Watson, MA EEEA
Paul Williamson, ME Wind Industry Initiative
George Hagerman, VA Coastal Energy Research Consortium
Peter Davidson, Empire State Development Corp (NY)

DOE Supply Chain Study Team

Bruce Hamilton, Navigant
Brent Cooper, Ocean and Coastal Consultants, COVI
Michael Ernst, Tetra Tech

Industry

Patrick Fullenkamp, Great Lakes (Global) Wind Network
Joel Whitman, Global Marine Energy

Federal Agencies

Cash Fitzpatrick, DOE
Lindsey [?], NOAA

Presentation Highlights

- I. DOE Research Awards: (see attachment). Cash Fitzpatrick, DOE. Three projects directly related to supply chain: supply chain assessment and gap analysis; vessel optimization and port optimization. DOE is in the process of working with the awardees to finalize scopes of work and contract details; next steps will include determining how these projects will engage with each other and with industry and states, including this this working group. The assessment and gap analysis in particular is targeting key baseline information needed to support regional and state-based supply chain initiatives.

- II. NIST-MEP Wind Supply Chain Training and Development Program; Wind Supply Chain workshops (see attachment). Patrick Fullenkamp, GLWN. The first *Offshore* Wind Supply Chain Workshop under this program is being held in VA on September 26th. States interested in pursuing this opportunity should contact their local Manufacturing Extension Program (MEP).

- III. Mid-Atlantic Regional Supply Chain Concept (see attachment): George Hagerman, VA Tech and Virginia Clean Energy Research Consortium presented a framework for regional supply chain development in the Mid-Atlantic for discussion: included offshore wind build-out estimates based on BOERMRE's Wind Energy Areas; water-based transport of components through the Chesapeake and Delaware Canals, and connection to Great Lakes region industrial infrastructure through the Heartland Corridor.

Discussion Points:

- Atlantic coast states need to identify east coast assets; many prospective participant companies don't know the opportunities. Also need to understand retooling needs and costs (e.g. shift to metric measurements). Communication/coordination with DOE project(s) is an important opportunity.
- Focus should be creating the most efficient, cost-effective supply chain possible
- States should engage with their MEP representatives; provide outreach on offshore opportunity
- Mid-Atlantic scenario discussed is a regional not national framework – operations will likely be at a regional scale, with other structures in the northeast and/or southeast, based on assets and regional market build-out; boundaries of regions are “soft” and strategic partnerships may develop among different clusters around different opportunities; there may be cross-regional or coast-wide synergies.
- There may be opportunities for US offshore wind suppliers to support the robust UK and China offshore wind production goals. Realizing there is a strong preference for local content, are there ways US companies can get engaged in the international market as we prepare for domestic development, by meeting critical needs?
- Jim Lanard's comments: US developers are looking for minimum 25% local content for the first projects. Suggested resources: Pennsylvania's Wind Energy Supply Chain Initiative; Environment Maryland report on offshore wind supply chain opportunities:
<http://www.environmentmaryland.org/uploads/0f/58/0f586e65653ed3b508b83afc04f56fa5/Catching-the-Wind.pdf>

Next Steps:

1. Develop coordination mechanism with DOE supply chain and related project grantees (*DOE/USOWC*)
2. Initiate dialogue with state MEP representatives re: get in the queue for state-based offshore wind supply chain workshops (*state participants*)
3. Complete compilation of US offshore wind supply chain research, reports and initiative summaries (*USOWC will compile – others to recommend resources to include; provide summaries of state-based activities*)
4. Research specific offshore wind supply chain needs, potential opportunities and barriers for US companies in the UK and China markets - (*USOWC*)
5. Engage additional states in this group – other key participants? (*USOWC*)
6. Next call TBD