Virginia Offshore Wind Coalition

“An Evolution Revolution”

16 September 2014
Who is?

A Brief History

The “NEW VOW”

What’s next?
Who is the Virginia Offshore Wind Coalition (VOW)?
Who is the Virginia Offshore Wind Coalition (VOW)?

Other affiliated, related, or associated entities
VOW Bylaw Objectives - 2009

- Develop Hampton Roads as a vigorous and important logistical hub of the offshore wind supply chain.
- Promote industry and employment opportunities throughout the commonwealth in connection with supply chain and assembly hub in Hampton Roads.
- Cultivate a home market of wind projects off of the Virginia shore.
A Brief History

Before it all became “En Vogue”

2009

Creation of the Virginia Offshore Wind Coalition (VOW) – an industry group comprised of developers, supply chain companies, localities, and utilities. A legislative agenda is developed for bills carried to successful passage in the General Assembly.

The MMS (Mineral Management Service)/Virginia Taskforce constituted to start the offshore wind leasing process in federal waters off of Virginia, including coordination between federal, state, and local governments, tribes and military. This provides the forum to engage the Department of Defense on possible conflicting uses of the offshore waters.
A Brief History

Before it all became “En Vogue”

2010

General Assembly passes legislation, which is the main piece in the VOW Legislative Agenda. The creation of the Virginia Offshore Wind Development Authority was a lobbying initiative funded by VOW.
Before it all became “En Vogue”

General Assembly passes legislation, with lobbying funded by VOW, which allows for offshore renewable energy credits (ORECs) toward Renewable

MMS/Virginia Taskforce meeting unveils vetted lease blocks, which have been provisionally approved by DOD. DOD representative, Lt. Col. Wash, USAF, is asked to consider more lease blocks, and agrees.

James Madison University hosts a three–day wind symposium. During breakout meetings, an alliance of stakeholders forms to develop the framework for a Virginia–based advanced technology demonstration project VOW participates –SAIC, Dominion, Fugro.
Virginia Supply Chain Companies

- Industrial Controls - 14 Establishments/1,387 Employees
- Motors and Generators - 16 Establishments/1,805 Employees
- Turbines-Transformers - 25 Establishments/1,995 Employees
- Marine Construction - 40 Establishments/475 Employees
- Shipbuilding & Repair - 40 Establishments/31,250 Employees
- Fabricated Structural Metal - 77 Establishments/2,160 Employees

Total Establishments: 212
Total Employment: 39,072

Potential Off-Shore Wind Energy Supply Chain Companies in Virginia

Sources: VEDP 2010, ESRI 2009, VEC 2010, QCEW 2010
© 2010 VEDP [Wind_Energy_Supply_Chain]
A Brief History

Before it all became “En Vogue”

Commonwealth of Virginia, along with approximately 40 Virginia stakeholders to offshore wind, submits a coordinated response to the DOE RFI regarding recommendations for a technology demonstration center.

VCERC and VOW respond to the Atlantic Fleet Training and Testing scoping meetings looking to encourage the Navy to include areas within the study that might pertain to offshore wind farms and that the information be made available as it moves forward with its EIS processes for offshore wind.

United Kingdom Trade & Investment (UKTI) asks VOW to provide a supply chain member for a November Supply Chain Trade Mission to Scotland. VOW is represented on the trade mission.
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2011

Norfolk Nauticus – Secretary Chu and Secretary Salazar announce that the lease blocks have been reserved for development. In addition the announcement indicates that the permitting time frames have gone down from 7–9 years to 5 years.

Meeting with the Secretary of the Navy – Members of VOW meet with the Secretary of the Navy regarding offshore with and future cutbacks in the military budget.

Virginia Pilots Association – VOW leads discussions with the Pilots Association regarding concerns about the offshore sites.
A Brief History

**VOW** and other representatives from the maritime community meet with BOEM to discuss site selection and potential adverse affects to commercial shipping.

**VOW** coordinates with ODU for the Virginia Offshore Supply Chain Workshop.

**2012**

**VOW** further cements its relationship with **DMME & VEDP**. Coordination with VOWDA regarding the results of an offshore wind survey. Specifically, *Investment, Policy, and the states perspective*. It is put forward that VOW pursue an stronger education role for the General Assembly.
A Brief History

VOW Coordination with DMME as to budget funding of $500,000. Funds to be provided to VA Tech and their continuing research and development, to support the funding opportunities for DOE, and to provide matching funds to the federal government for developers and geotech.

VOW Bid Book – an ongoing effort to put forward a document that will include the assets and services available in the region has been finalized.

Dominion wins offshore lease – A great deal of credit goes to the deconflicting of issues with the auction area.

VOW meets with Secretary Cheng and Commerce and Trade educating folks on offshore wind, the funding and where funding should focus.
A Brief History

2013

VOW hosts trade mission to Northern Europe – Several representatives from insurance and finance companies and the Virginia Economic Development Partnership from Berlin. Fugro representatives from France, specializing in offshore wind energy.

Further to tour manufacturing and fabrication facilities in Antwerp and Hoboken.

This was followed by meetings in Bremerhaven with members of BLG Logistics, Bremerhaven Economic Development, the German Government and several ancillary interest and industries, a tour of the Bremerhaven Port Facility, specifically dedicated to offshore wind energy.
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VOW hosts trade mission to Northern Europe –

This included test turbine facilities on land. The final day included a meeting with a German installation company and discussions as to the various possibilities involved regarding design, vessels, manning, installation, environmental, and overall efficiency.

The overriding message was that all participants were interested in assisting Hampton Roads in any way they could, from learning curves, to technology, from applied science learning facilities, to workforce development.

VOW extends invitations to many of the participants to join us in Hampton Roads. BLG Logistics visits in January 2014.
A Brief History

2014

VOW representatives are involved in 21 legislative meetings on eight separate days in Richmond during the General Assembly.

VOW is the lead presenter to the Hampton Roads Caucus on 20 December 2014.

Dominion Virginia Power has been awarded an additional $47 million from the United States Department of Energy (DOE) to help fund the construction of a 12-megawatt demonstration project, consisting of two 6-megawatt offshore wind turbines.

VOW Restructures Bylaws and membership models.

VOW & VSRA establish a strategic cooperation agreement.
The NEW VOW

The Evolution

2009 – 2010 – Establishment and efforts to engage regulatory stakeholder and industry in order to establish offshore wind industry in Virginia.

2011 – 2012 – Working with the various stakeholders in order to ensure that the offshore wind area is deconflicted.

2013 – 2014 – Engage and enhance the relationships with European offshore wind entities and focus on the education and participation of the “boots on the ground” Virginia entities within the supply chain.
The NEW VOW

The new membership model to reflect the engagement of the “boots on the ground” Virginia entities within the supply chain.

Stakeholder – Automatic Board of Directors Seat

Association Members – One representative Board of Directors Seat.

Non-Association Industry Members – One representative Board of Directors Seat.

Academia, Not for Profit, Interested Individual – One representative Board of Directors Seat.
VOW – VSRA
Strategic Cooperation Agreement

The parties to this Agreement desire to join in a strategic alliance under which each party will support and promote the mission of the other, with the goal of increasing the awareness of both the Coalition and the VSRA.
What’s next?
What’s next?

Industry Day
What's next?

Reverse Trade Missions
Virginia Offshore Wind Coalition

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