

**MINUTES  
VIRGINIA OFFSHORE WIND DEVELOPMENT AUTHORITY  
TWIN HICKORY AREA LIBRARY  
GLEN ALLEN, VIRGINIA**

**THURSDAY, SEPTEMBER 13, 2012  
10:00 A.M.**

**CALL TO ORDER**

Vice Chair Joan Bondareff called the meeting to order. She introduced Sarah Surber with the Office of the Attorney General, who replaces Kerri Nicholas as counsel to VOWDA.

**Members Present:** Joan Bondareff, Mary Doswell, Brian Redmond, Lisa Johnson, Bob Matthias, John Jester, Ron Ritter

**Members Absent:** Art Moye

**Staff:** Cathie France, DMME Deputy Director for Energy Policy; Al Christopher, DMME Energy Division Director, Sarah Surber, Assistant Attorney General; George Hagerman, Virginia Tech Advanced Research Institute; Rick Thomas, Timmons Group

**Guests:** PJM Interconnection: Matthew G. LaRocque, Manager-Regulatory and Legislative Affairs; Steven R. Herling, Vice President of Planning. VOW Coalition: Guy Chapman, Vice Chairman. VA Economic Development Partnership: Jerry Giles, Director of Finance & Managing Director—Technology, Energy and Corporate Services

**APPROVAL OF MINUTES**

The Vice Chair called for a motion to approve the June 26, 2012, minutes as presented. The motion to accept the minutes passed unanimously.

**INITIAL MODELING—IMPACTS OF OFFSHORE WIND TRANSMISSION**

**Presenter: Steven R. Herling, PJM Interconnection**

Steve Herling, who oversees PJM's Planning Division, provided an overview of the company and PJM's offshore wind integration studies. Under their Regional Transmission Expansion Planning (RTEP) process, PJM addresses long term reliability of service to its customers across 13 states and the District of Columbia. PJM is proposing changes to this process, which includes consideration of public policy requirements and objectives.

Their RTEP process addresses Renewable Portfolio Standards.

- 2010 RTEP Report – conceptual offshore wind study that evaluated the reliability and market efficiency impact of offshore wind
- 2011 RTEP Report – studies of multiple Renewable Portfolio Standard scenarios
- 2012 RTEP Analysis – initial modeling and analyses focused on validating the ability of the production cost simulation tools to model a system similar to the AWC project including offshore wind resources interconnected via HVDC.
- Next Steps – update modeling consistent with 2012 assumptions and consider states' request requirements. PJM is also engaged in a joint study with North Carolina Transmission Planning Collaborative. PJM will not dictate to states how to meet their energy needs.

A copy of the slide presentation is available on the VOWDA web site, <http://wind.jmu.edu/offshore/vowda/index.html>.

## **AWEA OCTOBER 2012 CONFERENCE AND EXHIBITION UPDATE**

**Presenter: Jerry Giles, VEDP**

Jerry Giles provided an update on the AWEA Conference in Virginia Beach, October 9-11.

- The general session will begin at 2 p.m. on October 9<sup>th</sup> and they're waiting on confirmation that Lt. Governor Bolling will give the keynote address.
- The Virginia Dinner on October 10<sup>th</sup> will be held at the Hilton Hotel. The lead host for the dinner hasn't yet been confirmed. In past years, this forum has been used to make a Virginia announcement. While there is no scheduled announcement at this time, there is a possibility BOEM will announce the Virginia lease sale before the conference.
- Cathie France, with input from others, prepared a working draft of Virginia's offshore wind brochure, which will present common messaging that showcases Virginia's value and assets. It will be ready in time for the conference.
- VOWDA members were reminded to stop by the VEDP and VOW booths to visit and talk with conference participants.
- Joan Bondareff announced that she is a poster presenter at this year's conference.

## **VOW COALITION UPDATE**

**Presenter: Guy Chapman, VOW Vice Chairman**

VOW is proposing a public-private match for offshore data collection similar to an ongoing New Jersey program. Guy Chapman reported that VOW staff met with Deputy Secretary of Commerce and Trade Carrie Roth and Cathie France to present VOW's funding proposal to work together with the state to lower barriers to jump start Virginia's offshore wind development. No decision will be made until the end of this year. VOW may need VOWDA's support to get their proposal included as a new item in the Governor's budget.

## **VOWDA ACTION WORK PLAN UPDATES**

### Virginia Offshore Wind Brochure

Members reviewed the working draft of the Virginia offshore wind brochure and provided comments to Cathie France who will incorporate the suggestions and finalize the brochure.

### VOWDA Annual Report

The VOWDA Annual Report is due October 15, 2012. Cathie France asked members to identify what they want to include in this year's report. Some suggestions included:

- Outcome of Governor's budget - \$500,000 funds for offshore wind development
- Virginia Call
- Upcoming Lease Sale
- Summary of VOWDA comments to federal government and Congress on various issues, broken down individually
- Major presentations / information presented to VOWDA
- Report recommendations:
  - VOW budget request to the Governor. [Guy Chapman will provide members a copy of VOW's recommendations.]
  - Other policy recommendations, i.e., continue to monitor PJM process.

Cathie will draft the report for members' review. Members will meet on October 11<sup>th</sup> for final review and approval of the report.

## **DoD FEDERAL INSTALLATIONS – GOALS AND IMPACT ON OFFSHORE WIND**

Federal installations are subject to comply with armed forces directives to add on-base renewable energy generation. In return for private investment, these installation partnerships offer land, a stable/reliable load, and a willingness to enter into a long-term customer relationship, but little or no money. While DoD has a lot of land for these installations, there are security and access right issues to consider. Al Christopher said staff is working on getting a potential speaker to give an overview of this initiative at a future VOWDA meeting.

Joan Bondareff reported that she attended the recent Clean Energy States Alliance webinar, led by Mark Sinclair, on the OWAP Report on Aggregated Procurement of offshore wind energy. The report demonstrates how the purchase of significant amounts of offshore wind energy by a buyers network, in combination with low-cost financing and extension of key federal tax credits, could substantially lower its costs in the near-term. The information about the webinar was forwarded to members earlier this month.

## **BOEM ROW COMMENTS REQUEST**

Comments to BOEM on its draft Form 0009 for application of Right-of-Way Grant of Submerged Lands on the Outer Continental Shelf to Support Renewable Energy development are due by September 28<sup>th</sup>. Form 0009 would be used to issue OCS ROW grants in order to streamline the process and increase efficiency and consistency for applicants.

## **FINAL VCERC SCIENCE AND REGULATORY REPORTS AND WEBSITE FEEDBACK**

The report on Virginia offshore wind advanced technology demonstration site development is almost complete. It has the most up-to-date Virginia coastal data and will be of interest to potential developers. Two JMU posters will be presented at the AWEA conference next month, which summarize this project work completed under the DMME contract. In addition, JMU will set up a large screen at the AWEA conference to demonstrate the Wind, Weather and Energy Viewer. This information will be forwarded to members.

The new JMU Virginia Offshore Wind web site went live last month and a link (<http://wind.jmu.edu/offshore/>) was sent to members. Feedback and suggestions would be welcome. New content (reports, presentations) will be added regularly to the VOWDA web page.

## **GEOLOGICAL SURVEY**

On September 12<sup>th</sup> DMME issued the RFP to conduct a geological survey of the Virginia Wind Energy Area on the Outer Continental Shelf. The survey will inform activities proposed in DMME offshore wind energy research lease applications and accelerate commercial leasing and development of the Virginia WEA and offshore energy industry supply chain. It is funded by \$300,000 in general funds in the Executive Budget and \$300,000 in matching funds from the U.S. Bureau of Ocean Energy Management.

## **DOE RFI**

George Hagerman briefed VOWDA on a new Request for Information from the U.S. Department of Energy that probably will inform an eventual federal funding opportunity for a national Reference Facility for Offshore Renewable Energy (RFORE). He pointed out that Virginia had significant assets and programs that could make a federally owned and operated Chesapeake Light Tower an attractive choice for such a facility.

## **NEXT MEETING DATE**

A breakfast meeting will be scheduled for Thursday, October 11<sup>th</sup>, in Virginia Beach to coincide with the AWEA conference, to review and approve the final draft of the VOWDA Annual Report.

## **ANNOUNCEMENTS**

Bob Matthias will provide members a link to the audio recording of the National Wildlife Foundation's September 13<sup>th</sup> conference regarding its report in support of pursuing wind energy – "The Turning Point for Atlantic Offshore Wind". The NWF's report states that research shows offshore wind can be developed in a manner that will protect wildlife and calls for state and federal leadership to build on growing momentum for a new clean energy source for the U.S.

## **VOWDA ELECTION OF OFFICERS**

Bob Matthias and Joan Bondareff were elected chair and vice chair respectively, for a two-year term in accordance with Sections 2 and 9 of the VOWDA By-Laws.

## **PUBLIC COMMENTS**

There were no comments received.

## **ADJOURNMENT**

The meeting adjourned at 1:00 p.m.