# MINUTES
# VIRGINIA OFFSHORE WIND DEVELOPMENT AUTHORITY
# VIRGINIA HOUSING CENTER
# 4224 Cox Road
# GLEN ALLEN, VIRGINIA
# WDNESDAY, JANUARY 28, 2015

## CALL TO ORDER

Chair Bob Matthias called the meeting to order at 10:30 a.m. Members, staff, and guests introduced themselves.

Mr. Matthias announced the VOWDA appointment of John Broderick, President of Old Dominion University, who represents the Commercial Space Flight Authority. He also introduced Paul Kugleman, Jr., Senior Assistant Attorney General--Environmental Section of the Office of the Attorney General, who is serving as VOWDA's legal counsel.

**Members Present:** Joan Bondareff, Mary Doswell, Phillip Green, Deborah Miller, Bob Matthias, Art Moye, Brian Redmond

**Members Absent:** John Broderick, Ronald Rosenberg

**VOWDA Staff Present:** Conrad Spangler, Al Christopher, Lynne Astroth, Barbara Simcoe, Robin Jones, Borna Kazerooni, Evie Christopher, Paul Kugelman

## APPR0VAL OF MINUTES

The Chair called for a motion to approve the September 16, 2014, minutes as presented. The motion to accept the minutes, made by Deborah Miller and seconded by Mary Doswell, passed unanimously.

## OFFSHORE WIND ENERGY DEVELOPMENT AND DEFENSE MISSION COMPATIBILITY ON THE OUTER CONTINENTAL SHELF BRIEFING

*Presenter: Fred Engle, Associate Director for Energy and Mission Compatibility, Office of the Deputy Assistant Secretary of Defense for Readiness*

Mr. Engle briefed VOWDA members about the role of the Department of Defense (DoD) in assessing, monitoring and approving offshore wind construction and operation activities. The Office of the Secretary of Defense Readiness Office is responsible for coordinating and compiling DoD energy mission compatibility assessments, including oil and gas, and wind energy.

DoD supports developing the nation's domestic energy resources and wants to ensure these resources are developed in a way that is compatible with the department's mission. They have completed assessments of the compatibility of offshore wind turbines with existing coastal uses of the Atlantic Coast (Maine to Georgia), which conclude that 75% of the proposed areas for offshore wind development would not interfere with naval uses and identify the exclusion areas.

Norfolk Virginia has the largest concentration of naval forces. Virginia's 2010 wind assessment looked at DoD operating areas, warning areas, and radar line-of-sight ranges. Radar is an issue for wind turbines. When doing a planning assessment, the radar assessment can't be completed since a project's impacts won't be known until BOEM provides the construction and operations plan. If an area falls within the radar line of site, DoD may have to ask for site stipulations. Primary radar is degraded by wind turbines and can be problematic in terms of monitoring national air space. Offshore wind farms potentially will impact the ability of NORAD to conduct its mission.

The OCS lease blocks were assessed by DoD for the Virginia Offshore Wind Task Force. DoD supports the VOWTAP project and continues negotiations with the Commonwealth of Virginia to work out some of the details in the language of Research Lease 2.

See the presentation on the VOWDA website at: http://wind.jmu.edu/ offshore/vowda.

## VIRGINIA OFFSHORE WIND TECHNOLOGY ADVANCEMENT PROJECT UPDATE

*Presenter: Mary Doswell, Dominion Resources Inc.*

Mary Doswell presented an overview of recent VOWTAP accomplishments and activities, 2015 first and second quarter milestones, and major upcoming actions. See the PowerPoint presentation on the VOWDA website at: http://wind.jmu.edu/offshore/vowda

Discussion following the presentation included the State Corporation Commission (SCC) filing process and VOWDA's role in assisting Dominion with getting SCC approval. To help support Dominion's case, VOWDA will identify and provide a list of arguments and interest groups that are supportive of the project and offshore wind development. At the appropriate time, VOWDA will also adopt and submit a formal resolution in support of VOWTAP and SCC action.

## VIRGINIA OFFSHORE WIND (VOW) COALITION UPDATE

Chuck de Cuir, VOW Chairman was unable to attend the meeting and provided members with a written update of recent VOW Coalition activities.

See the VOW Coalition Summary on the VOWDA website at: http://wind.jmu.edu/ offshore/vowda.

## DMME UPDATES

*Presenter: Al Christopher, DMME Division of Energy Director*

Al Christopher presented an update of DMME FY 2015 offshore wind activities. See the presentation on the VOWDA website at: http://wind.jmu.edu/ offshore/vowda.

- Virginia Offshore Wind Port Readiness Study
- Cooperatively funded research projects nominated by DMME and selected by BOEM
    - Collaborative Fisheries Planning for Virginia's Offshore Wind Energy Area
    - Ocean Geophysical Survey Phase II Analyses
- DMME-Dominion Cost-Share Opportunity
- Recovery of Waverider Buoy
- Negotiation of Research Lease 2 Agreement with BOEM
- Basic Offshore Safety and Survival Course

DMME prepared an update of other states' offshore wind activities and will send a copy to members.

## VOWDA WORK PLAN

Staff distributed drafts of the 2015 VOWDA Work Plan, which incorporated the 2014 VOWDA Annual Report recommendations and related tasks, to members for review and input in advance of the meeting. To be more productive and also address FOIA public meeting requirements, two members were assigned as co-leads to each of the four key tasks. Subtasks can be assigned on an ad-hoc basis and members can also reach out to stakeholders to participate/serve as liaisons. Before any task actions are taken, recommendations will be discussed with the full Authority.

Work Plan co-lead assignments were finalized and changes approved as follows. DMME staff will send the revised 2015 Work Plan to members.

1. Leverage Funding: Deborah Miller and Phillip Green. Alternate -- John Broderick
2. Support VOWTAP: Mary Doswell and Ron Rosenberg
    - 2.02 – add "…project's permitting *and filings*…
    - Garner public/stakeholder support for VOWTAP and educate the public on the benefits of offshore wind development: VOWDA will provide input to Dominion to support the development of their arguments in the SCC case and filing. Brian Redmond and Art Moye will compile the list that identifies the talking points/arguments and stakeholders/groups supportive of offshore wind that

they will send to DMME staff to distribute to Dominion and all members for input and discussion at the next VOWDA meeting. DMME staff will compile a list of Virginia policy and legal support of offshore wind.

- DMME will let VOWDA know the appropriate time to adopt and submit their formal comments in support of SCC action and approval of Dominion's filing.

3. Support federal process for development of Commercial Wind Energy Area: Joan Bondareff and Bob Matthias
4. Support state process for development of Commercial Wind Energy Area: Brian Redmond and Art Moye
    - 4.01 – add "other stakeholders, *including the offshore oil and gas industry*…."
5. Administrative: Bob Matthias

## ELECTION OF VOWDA 2015-2017 OFFICERS

Bob Matthias and Joan Bondareff were nominated and re-elected to serve as Chair and Vice Chair respectively.

## PUBLIC COMMENTS

None

## ANNOUNCEMENTS

The next meeting is scheduled for April 23, 2015, 10:30 a.m. in Richmond, location to be announced later. Agenda items for the April meeting will include: VOW Coalition update, VOWTAP update and member discussion of arguments and stakeholders supportive of offshore wind to support Dominion's SCC case and filing, and possible OREC update from a representative of the Maryland Energy Administration. Members can send staff any agenda item suggestions.

## ADJOURNMENT

The meeting adjourned at 1:35 p.m.