



## Standards and Technical Collaboration

**Summary:** This is a collaborative effort between DOI and DOE to provide a comprehensive framework of standards for the design, fabrication, and installation of offshore renewable energy projects in U.S. waters. The specific goals of this collaborative effort are to develop technical standards for offshore wind and MHK technologies on the Outer Continental Shelf, and to identify best management practices for the suite of offshore wind and MHK technologies.

There are two major efforts currently underway in support of this initiative:

- 1) Collaboration with the American Wind Energy Association (AWEA) on their “Large Wind Turbine Standards ‘Road-Mapping’ Workgroup”: This Workgroup is focused on developing a guidance document on relevant standards for the design, fabrication, installation, and operation of large wind turbines in the U.S., including both land-based and offshore wind turbines. So far there have been two meetings, one held on 27-28 Oct 2009 near Boulder, CO, and one held on 27 May 2010 in Dallas, TX. The next meeting is scheduled for 5 Oct 2010 in Atlantic City, NJ.
- 2) Collaboration with the National Academy of Science’s Marine Board to conduct an “Offshore Wind Energy Workshop” and then complete a follow-on study and report: The Marine Board convened the workshop on 25-26 March 2010; and has held two public meetings so far to obtain input for the follow-on study, one on 28-29 June 2010 and one on 10 August 2010. It is unclear whether there will be another public meeting before the Marine Board completes their study and issues their final report, which is due to DOI in February 2011.

**Targeted Stakeholders:** Participation on the AWEA Workgroup is open to anyone and the workgroup currently includes government and industry reps, plus reps from academia. The Marine Board’s “Offshore Wind Energy Workshop” was open to the public and was attended by federal and state government reps, industry reps, as well as reps from academia. The Marine Board’s follow-on study is being conducted by a 9-member study committee, and they have held public meetings on 28-29 April 2010 and 10 August 2010 as mentioned above.

**Status/Next Steps:** DOI and DOE staff has been actively involved with both of the efforts discussed above. The AWEA Workgroup will continue to meet as subgroups on a monthly basis, and hold more formal in-person meetings several times a year. Their goal is to produce a draft guidance document by the end of 2010, then circulate the draft document for review and finalize this guidance document by the end of 2011. The Marine Board is under contract with BOEM to complete their follow-on study and provide a final report to DOI by February 2011.

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