

**Philippine Wind Stakeholders Meeting – Summary of Discussions
October 11, 2012, ADB Headquarters.**

The following are the agreements and some highlights from the meeting:

1. On Use of Wind Data (Source, Permission)

- a. A clearer definition of “Long term reference data” is needed, given that private developers’ assistance is being sought in obtaining wind data.

2. Measurement locations (Site Selection)

- a. ADB requested stakeholders, particularly the developers to share data to help narrow the down the areas where measurements should be undertaken.
- b. It was proposed that measurement location sites be in areas with a high wind regime and where there is a clustering of wind service contracts. Conversely, there was also a suggestion that areas not covered by existing service contracts be considered so that these sites will become attractive to future/new investors.

3. Institution for managing long-term wind data & roles of the different stakeholders

- a. Department of Energy (DOE) welcomes assistance in maintaining the data, particularly from educational institutions.
- b. Partnering with an educational institution will also provide an opportunity for the Philippine Government to support/invest in education for renewable energy
- c. Wind Energy Development Association of the Philippines (WEDAP) will be happy to assist with data management, but it was highlighted that there is really a need to train more Filipinos to carry out wind resource assessment.
- d. A small committee of approximately five people (apart from DOE personnel) will be formed to discuss and provide input on potential educational/other institutions/”hybrid option” that will be tapped for assistance in managing the long-term wind data. This committee will provide their input to the DOE and the DOE will forward this to higher government levels.

4. Implementation Issues and Concerns

- a. Development Bank of the Philippines (DBP) representative agreed with the need for reliable wind data, which is important for them when evaluating renewable energy projects. They often need to hire independent consultants to validate data. Transaction costs may thus also be reduced by the collection of quality long-term data.
- b. Energy Regulatory Commission (ERC)’s efforts are now geared towards finalizing the guidelines for implementation of the Feed-in-Tariff (FiT).
- c. United States Agency for International Development (USAID) is promoting donor collaboration. They have several current initiatives and trainings related to the ADB QLW Technical Assistance, and they also plan to establish a geospatial toolkit (web-based platform) that will include renewable energy data and other economic indicators. They are looking forward to collaboration with ADB.
- d. Energy Development Corporation (EDC) is developing some wind projects in Ilocos Norte and is open to sharing data with the Project. EDC already provided National Grid Corporation of the Philippines (NGCP) with wind data.
- e. Philippine Electricity Market Corporation (PEMC) is more concerned with development of Renewable Energy market. They are geared towards developing rules and coordinating with the DOE.

- f. Manila Electric Company (MERALCO) is now preparing their distribution systems to accommodate renewable energy, especially variable renewable energy such as solar and wind.
- g. As a government-owned corporation, Philippine National Oil Company (PNOC)'s main task is not to compete with private sector. If there is a gap, that's where they can come in. They can work with ADB in conducting studies and in public-private partnerships.
- h. Apart from the University of the Philippines, which is interested in establishing a Renewable Energy Institute, it was mentioned that Ateneo de Manila University might also be aggressive in supporting QLW's data management activities.
- i. It was suggested that QLW concentrate on Wind Energy Roadmap activities, since this also covers the data management institute. Apparently, Department of Trade and Industry (DTI) agrees on the importance of pushing for the roadmap so that DTI and DOE can work together in addressing relevant issues.
- j. The National Renewable Energy Board (NREB) is mandated to monitor the National Renewable Energy Plan (NREP). Their activities will also go towards improving the wind energy roadmap.
- k. Alternergy helped NREB develop the financial model that was used for the FiT. They suggested that standard templates should be prepared for the use of developers. This will also ease transaction costs.
- l. Representatives of Northern Luzon UPC Asia Corporation mentioned wanting higher installation targets for wind and solar energy.
- m. It was agreed that better long-term data lowers uncertainty and lowers the risk premium for projects.
- n. Representative of UP National Engineering Center (NEC)'s Energy Engineering Program mentioned studies that have yielded meteorological projections for possible strong wind potential in unexpected areas. Their work to set up the UP Center for Renewable Energy Technologies was highlighted.
- o. NGCP mentioned that there needs to be a "point institution" to ensure sustainability of the long-term wind data management initiative. If an educational institution is tapped, what will happen after the students involved graduate? There is need to ensure that the information is passed on.

5. Next Month's Agenda

- a. Visit to ADB's solar rooftop (mini-tour)
- b. Wind Energy Roadmap
- c. CWET training in India (attended by NGCP's Rommel Reyes)
- d. Progress update on the Final FiT eligibility guidelines,

A copy of the presentation can be viewed and downloaded at:
<http://i-windenergy.com/QLW-Philippines-Stakeholder-12-10-2012>

Further information on the Quantum Leap in Wind Technical Assistance in the Philippines can be found at: <http://i-windenergy.com/QLW-Philippines>

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