

**QLW IMPLEMENTATION MISSION AND RENEWABLE ENERGY INTERNATIONAL
WORKSHOP IN ULAANBAATAR, MONGOLIA
OCTOBER 1-5, 2012**



First Salkhit wind turbine

Representatives of the QLW Project Team visited Ulaanbaatar, Mongolia from October 1-5, 2012 to carry out the following activities:

- Technical Assistance and Training for the Energy Regulatory Commission (ERC)
- Guidance on vision and the role of wind for the Ministry of Energy
- Discussions on how to collaborate with the Mongolian Wind Energy Association (MWEA)
- Resource Assessment with the National Renewable Energy Center (NREC)
- National Wind Energy Stakeholder dialogue on how to develop the wind energy roadmap
- Sharing of QLW Mongolia consultant Mr. Erdenebaatar's experiences in the Center for Wind Energy & Technology (CWET) training in India
- Site Visit to Salkhit Windfarm

Based on the team's findings, the following "next steps" have been identified for QLW in Mongolia:

- ERC requested a financial model for levelized cost of energy (LCOE) for heat from a Combined Heat and Power (CHP) plant. QLW will discuss and work with the ADB East Asia Department (EARD) to provide the required model, as appropriate by Dec 2012.
- QLW will provide the National Transmission Company and National Dispatching Center with tools and training on (i) conducting a grid interconnection study before a project is licensed; (ii) determining the ability of the grid to absorb wind energy; (iii) enhancing grid connection standards; and, (iv) approving interconnections based on switchgear and substation design, and quality of power over the next year.
- QLW will provide NREC with sample wind energy roadmaps by the end of October.
- Over the coming months, MWEA and NREC will request technical assistance in various areas, such as: (i) improving the renewable energy law; (ii) filling in gaps in implementation of the renewable energy law; (iii) wind project siting guidelines, etc.

- By the end of November 2012, QLW team will narrow down NREC's original list of proposed locations for long-term reference wind measurement to just 3 to 4 sites.
- By December 2012, the need for a high-level analysis of grid's supply/demand balance with and without wind energy will be discussed with EARD.