

CHINA: DATANG JILIN WIND POWER PROJECT

Kyoto Mechanism:	Clean Development Mechanism
Project Category (UNFCCC):	Energy (renewable/non-renewable sources)
Location:	Taonan, Provinz Jilin, China
Emission Reductions purchased:	612,000 t CO _{2e}



The Jilin-Taoan windpower project is located 30 km out of the city of Taoan, in the north eastern province of Jilin. This wind park will consist of 58 turbines with a installed capacity of 850 kW each. The wind park will cover an area of about 50 km² with a total installed capacity of 49.3 MW.

On the basis of wind data of the area with an average wind speed of 6.95m/s the project is estimated to generate 103,216 MWh of electricity per year.

The wind park will be connected to the nearest power transformer station via a 37 km transmission line

The generated electricity will be fed into the Chinese North-eastern Network. The project will generate app. 620,000 tons of CO_{2e} emission reductions from 2006 to 2012.

The project will create at least 30 new jobs in the region. The project owner will support the local agricultural department with 1 Mill. Yuan (app. EUR 100,000) to ensure an optimal utilization of the grassland on which the wind park is situated. The wells and pumps installed during the construction phase will remain for irrigation purposes. The local population will receive the electricity to run the pumps, free of charge from the wind park.

An Austrian project developer assisted the project owner during the CDM project development and utilisation of the emission reductions.



The project was registered by UNFCCC Executive Board on December 2nd, 2006 (<http://cdm.unfccc.int/Projects/DB/DNV-CUK1158906995.23/view.html>)