

CHINA: JIANGSU RUDONG HUANGANG DONGLING WIND POWER PROJECT

Kyoto Mechanism:	Clean Development Mechanism
Project Category (UNFCCC):	ACM0002 „Consolidated baseline methodology for grid-connected electricity from renewable sources“
Location:	Rudong District, Jiangsu Province
Emission Reductions purchased:	340,970 t CO _{2e}



The proposed project is a grid connected renewable energy project locating in Rudong County, Jiangsu Province. The project proposes to install 67 sets of 1500 kW wind turbines, for a total installed capacity of 100.5 MW. On the basis of available wind data, with an average wind speed of 7 m/s, the project is estimated to generate 228.44 GWh per year.

The generated electricity is fed into the East Chinese Power grid. The proposed project will annually generate 199,062 tonnes of CO_{2e} emission reductions by replacing electricity generated by fossil fuel fired power plant.

Due to lack of fossil fuels and hydropower resources, large amounts of coal and oil need to be imported. The implementation of the proposed project will be helpful to meet the energy demand, therefore, contribute to local development.

The project will create 235 new jobs during the construction stage and another 35 new jobs during the operating stage.