

# Gansu Jinchang Magang

*Clean energy from windpower, China*

The bundled Gansu Jinchang Magang and Huangmaopo wind power project is located in Jinchang City, Gansu Province, PR China, and is operated by Three Gorges New Energy Jinchang Wind Power Co., Ltd. financed and operated.

The project consists of two sub-projects: Jinchuan Magang 49.5 MW wind power project is located north of the Jinchuan district in the city of Jinchang. The purpose of the Magang project is to install 33 sets of 1.5 MW wind turbines to produce clean and renewable electricity with zero emissions. The total installed capacity of the Magang project is 49.5 MW. It is estimated that the amount of net electricity generated by the Magang Project when fully operational is approximately 102.8687 GWh per year. The Magang project activity will achieve an average reduction in greenhouse gas emissions (GHG) of 88,137 tCO<sub>2</sub>e per year.

The 49.5 MW Yongchang Huangmaopo wind power project, the second project is located in Yongchang County, Jinchang City. The purpose of the Huangmaopo project is to install 24 sets of 2 MW wind turbines and 1 set of 1.5 MW wind turbines to produce clean and renewable electricity with zero emissions.

The total installed capacity of the Huangmaopo project is 49.5 MW. It is estimated that the amount of net electricity generated by the Huangmaopo Project when fully operational is approximately 101.3816 GWh per year. Through the project activity of Huangmaopo, an average reduction in greenhouse gas emissions (GHG) of 86,863 tCO<sub>2</sub>e per year is achieved. The total installed capacity of the bundled project is 99 MW and the annual net electricity generation is 204,2503 GWh.

Before the bundled project activity was carried out, the electricity was supplied by operating grid-connected power plants and adding new generation sources within the Northwest China Electricity Network (NWPG), which corresponds to the baseline scenario. The bundled project activity is a project for renewable energies in which an average annual reduction in greenhouse gas emissions (GHG) of 175,000 tCO<sub>2</sub>e per year and a total of 1,225,007 tCO<sub>2</sub>e for the first crediting period compared to the generation of electricity from fossil fuels, is avoided.

Project type:	Renewables - Wind
Project number:	182
Certifierer:	Applus + LGAI Shanghai
Standard:	

