


WIND POWER PLANT, CHINA



PROJECT TYPE:	RENEWABLE ENERGY
PROJECT NAME:	Hebei Yuxian Second Phase 49.5MW Wind Power Project
REGION:	The Hebei Yuxian Wind Power Project is located within Yuxian county, Zhangjiakou City, Hebei Province, Peoples Republic of China.
PROJECT DESCRIPTION:	<p>This project is a large-scale wind farm designed to convert the potential energy of wind into electricity. The project has contributed towards sustainable development by not only supplying renewable energy to the grid, but also contributing to the sustainable development of the local community by means of employment opportunities.</p> <p>The installed capacity of the project activity is 49.5MW, consisting of 33 sets of wind turbines with a capacity of 1,500kW. The average annual power delivered to the national grid by the project is 112,170 MWh.</p> <p>The project reduces GHG emissions by replacing the electricity generated by fossil fuel fired</p>

	<p>power plants of the North China Grid (NCPG).</p> <p>The project displaces electricity that would be provided to the grid by more GHG-intensive means. This type of project activity fits the “Renewable Energy Supply” category, this category is defined as “Generation and Delivery of Energy Services” from “non-fossil” and “non-depletable” energy sources.</p> <p>This project will be avoiding fossil fuel fired power plants and the dependency on fossil fuel consumption.</p> <p>There is no consumption of fossil fuels and hence no greenhouse gas emissions.</p>
FURTHER INFORMATION:	<p><i>No Net Harm</i></p> <p>Wind Power is a ‘green’ technology, the impact caused by the wind power plant on the surrounding ecosystem, local residents, water supply and the atmosphere is very little, and verification has taken place that the project has <i>No Net Harm</i>.</p> <p><i>Social</i></p> <p>The Hebei Yuxian wind power project receives strong support from the local community. The local community believes the project has promoted local economic development.</p> <p>Communication with local stakeholders has been carried out periodically during the project. No negative comments have been received regarding the project.</p>
STANDARD:	<p>Verra -Verified Carbon Standard</p> 
VINTAGE:	2016 - 2018
CREDITING PERIOD:	20 years
EMISSION REDUCTIONS:	So far the project has achieved net GHG emission reductions of 635,607 tonnes CO ₂ -e. On average the project aims to achieve the avoidance of 111,243 tCO ₂ -e annually.



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