



DONGXINYING WIND POWER CHINA

**Replacing coal power generation with
renewable energy in China**



In China, air pollution is having a serious impact on the environment, economy and health of its people. These issues are chiefly caused by reliance on energy sourced from burning fossil fuels. This wind power project helps stimulate the transition towards renewable energy sources, thereby contributing to China's sustainable development.

The Context

Located in Hebei, one of China's most heavily industrialised and polluted provinces, this wind power project supports reduction of greenhouse gas pollutants and heavy dependence on fossil fuels. It helps will help reduce greenhouse gas emissions generated from the high-growth, coal-dominated power generation in North China Power Grid.

The Project

Through the installment of 133 wind turbines with a total power capacity of almost 200 MW, this wind farm generates over 405,685 MWh of clean, renewable electricity per year. By reducing dependence on coal-dominated power sources, 427,936 tonnes of greenhouse gas emissions are prevented from entering the atmosphere annually.

The Benefits

Aside from supplying clean electricity, the project contributes to the sustainable development of the local community by providing job opportunities during project operation, and to improving people's health prospects through reducing air pollutants. Furthermore, the project utilises domestic made, state-of-the-art wind turbines to promote the wind turbine manufacturing industries.

Improving air quality and people's health through reducing coal consumption



**405,685
MWh**

renewable electricity generated annually



**Technological
Development**

in the form of domestic made state-of-the-art wind turbines



**32,600+
homes**

provided with clean electricity



**427,936
tCO₂e**

average GHG emissions reduced annually

For more information on the UN Sustainable Development Goals, please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Official name: Hebei Guyuan County Dongxinying 199.5 MW Wind Power Project

Markit Registry link: https://mer.markit.com/br-reg/public/project.jsp?project_id=1000000000000779 | **Project ID:** 1000000000000779

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