



HARNESSING THE WIND TO POWER REGIONAL CHINA

Clean, green energy and sustainable
development in China's Guangdong province



The Guangdong Guanshan project site is located on repurposed land that was previously a closed landfill. Not only providing a low emissions energy source, the project has also boosted the regional economy through employment opportunities and infrastructure upgrades.

The Context

Electricity in the Guangdong region has traditionally been supplied by fossil fuel-fired power plants. With its growing population, China's increasing electricity use means the release of more pollutants and fossil fuels into the atmosphere; a cycle of unsustainability.

The Project

The 25-turbine wind power project has a total installed capacity of 49.6 MW, feeding an 100,866 MWh into the local China Southern Power Grid on average annually.

The Benefits

Beyond replacing some of the carbon emissions produced by fossil fuel-fired power plants with clean, renewable energy, the Guangdong Guanshan project is boosting the developing Chinese wind power industry as well as stimulating the regional economy. It has also provided employment opportunities during the construction and assembly stages, and provided 24 permanent positions.

Harnessing the natural power of wind to provide energy to homes in remote Chinese communities.



**100,886
MWh**

generated on average annually, providing sustainable clean energy to the grid



**24
jobs**

created permanently for the operation and maintenance of the project



**90,124
tCO₂e**

on average annually by providing an alternative to the burning of fossil fuels

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

Official name: Guangdong Guanshan Wind Power Project | **UNFCCC/markit/VCS link:** <https://www.emaccount.com/app/public/dataroom/098E7248> | **UNFCCC/markit/VCS ID:** 3626