

Mexico – Wind Power

Overview: Wind power plant generating renewable energy.

The project consists of an array of wind turbines, with a combined generating capacity of 83MW, with associated infrastructure for connection to the Integrated Mexican National Grid. It is located in the Southern state of Oaxaca near the Pacific coast. The project was commissioned in January 2007.



Benefits: Emissions reductions and sustainable development

This Project delivers reductions in greenhouse gas emissions by reducing the utilisation of existing oil, coal and gas-fired generation facilities, and hence reducing their carbon dioxide emissions. These emission reductions were quantified using the CDM methodology ACM002 version 6, and amount to over 0.625 tonnes of CO₂ equivalent for each megawatt of electricity delivered to the grid (net of internal consumption at the site).

The increasing share of local renewable resources provides diversity in the overall generation mix, and reduces import dependency of the fossil-fuel weighted electricity sector in Mexico. The project provides local employment, including 15-20 operational staff and associated contractors

Project carbon credits

During the verification period for the calendar year 2011, greenhouse gas reductions by this project totalled 63,296 tonnes of CO₂ equivalent. Carbon credits were verified to the UNFCCC criteria by ICONTEC Internacional in May 2012 (Certificate available upon request) and the carbon credits were registered under the United Nations Clean Development Mechanism (CDM) programme.