



CDM – Executive Board

**SECTION A. General description of small-scale project activity**
**A.1 Title of the small-scale project activity:**

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**Title:** Wind power project in Jaisalmer, Rajasthan by Centaur Mercantile Pvt. Ltd.

**Version:** 06

**Dated:** 16/01/2012

**A.2. Description of the small-scale project activity:**

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The proposed project activity is an initiative by Centaur Mercantile Private Limited (CMPL), a subsidiary of Kanakia Spaces Private Limited which is a well-established player in the construction sector of India, towards clean electricity generation using wind energy resources in the state of Rajasthan. The project proponent is engaged in construction of a number of residential and commercial projects.

The main purpose of the project activity is to generate electrical energy through sustainable means using wind power resources, to utilize the generated output for supply to Ajmer Vidyut Vitran Nigam Limited (AVVNL) and to contribute to climate change mitigation efforts. This renewable energy will partially contribute to the electricity provided by AVVNL.

CMPL (Project Proponent), have installed 8.4 MW (4 units of 2.1 MW Wind Turbine Generators (WTGs) of Suzlon make) wind power project at Sonu site in Jaisalmer district of Rajasthan.

The project will be utilizing wind energy for generating electricity which otherwise would have been generated through alternate fuels (most likely - fossil fuel) based power plants, contributing to reduction in specific emissions (emissions of pollutant/unit of energy generated) including GHG emissions. Being a renewable resource, using wind energy to generate electricity contributes to resource conservation. The project proponent has developed this project keeping in consideration of the funding available under the Clean Development Mechanism (CDM) of the United Nations Framework Convention on Climate Change. This is because the project activity qualifies as a CDM project as it would reduce the power consumption from the electricity grid thereby helping in significant reduction of GHG emissions. The project activity is also responsible for sustainable economic growth and conservation of environment through use of wind as a renewable source.

**Sustainable development criteria**

CMPL believes that the project activity has the potential to shape the economic, environmental and social life of the people in the region and will make a positive contribution in the sustainable development of the region. The project activity will have a beneficial effect on rural areas and employment in the region. Government of India has stipulated the following indicators for sustainable development in the interim approval guidelines for CDM projects.

- *Social Wellbeing*
- *Economic Prosperity*
- *Environmental Well-being*
- *Technological Up-gradation*



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***Social Well-being***

- ▶ The project activity contributes towards local socio-economic development around its area of operation through provision of employment opportunities (direct and indirect) for local population.

***Economic Prosperity***

- ▶ The project activity will directly contribute in saving of the precious natural resources and also aid in the reduction of pollution.
- ▶ By providing employment opportunities, this project activity leads to development in the local economy.

***Environmental Well-being***

- ▶ The project activity will not result in generation of any pollutant to the air (CO<sub>2</sub>, NO<sub>x</sub>, SO<sub>x</sub> etc.) or water or land pollution, since it is a clean source of power generation, utilizing the wind energy. Thus the project activity will be generating power without having any adverse impact on the environment.

***Technological Up-gradation***

- ▶ The project activity involves the installation of WTGs. This project will therefore motivate other proponents in the surrounding area to put up high-efficiency WTGs.

Thus it is ensured that the project activity meets all the criteria for Sustainable development.