

SECTION A. General description of small-scale project activity
A.1 Title of the small-scale project activity:
8.4 MW Wind Power Project in Rajasthan, India

Version: 05

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

Malaxmi Wind Power (MWP) is a sole proprietorship of Mr. Y. Harish Chandra Prasad has installed four wind turbine generators for renewable energy generation.

The project activity is located in Mokla, Sonu and Serava villages of Jaisalmer, Rajasthan, where four wind turbine generators (WTG) have been erected to generate clean energy. The WTGs are having an installed capacity of 2100 kW each, with a total installed capacity of 8.4 MW. The generated power will be sold to the Jodhpur Vidyut Vitaran Nigam Limited which is connected to the NEWNE Grid of India.

The location numbers of the WTGs are MK 98, MK 99, MK 113 and MK 114.

Purpose of the Project Activity:

The objective of the project activity is to generate clean energy from renewable wind energy source and supply it to the grid to meet the increasing demand of electricity. In the absence of the project activity, equivalent quantum of electricity would have been generated in the grid connected dominantly fossil fuel based power plants. Thus the project activity helps in mitigation of global warming through reduction in Greenhouse Gas emissions.

Pre-project Scenario:

The project is a Greenfield power generation project where no renewable power had been generated prior to the project activity.

Contribution of the project activity to sustainable development:

Ministry of Environment and Forests, Government of India has suggested social well being, economic well being, environmental well being and technological well being as the four indicators for sustainable development in the host country approval eligibility criteria for Clean Development Mechanism (CDM) projects¹.

The project contributes to the general well being of the region and is in line with the sustainable development policies of Government of India, as described below:

Social well being:

The project activity has generated direct and indirect employment opportunities in the local area for erection of the wind turbines and also in transportation of equipments.

¹ http://www.cdmindia.in/approval_process.php

CDM – Executive Board

Economic well being:

The demonstration of the project activity at a commercial level will encourage future investments to utilize the wind energy potential of the state and utilize the same to generate power. Enhanced employment and business opportunities resulting from the project activity will also help in improving the local economic structure.

Environmental well being:

The project activity is a cleaner means for power generation which avoids fossil fuel based thermal power generation. Therefore it positively contributes towards the reduction in demand for India's carbon intensive energy resources thereby conserving the non-renewable natural resources like coal, gas, oil. By substituting and hence decreasing the need for fossil fuel based power generation in the grid, the project activity will reduce GHG emissions from the country's electricity sector. Moreover wind power projects produce no end products in the form of solid and liquid wastes. Power generation from renewable energy sources in the project activity creates global as well as local environmental benefits.

Technological well being:

The project activity is an energy diversification measure where renewable energy is harnessed for generation of power in order to meet the increasing energy demand of the state. The associated technology for power generation does not have any associated GHG emission. These turbines deploy the advanced technology for generation as well as for grid interaction. Hence, the project would utilize environmentally safe and sound technologies in wind power sector. Further the project demonstrates harnessing wind potential and encourages others for setting up more such projects in future.

Thus, from the above discussion it is evident that the project activity satisfies the Sustainable Development criteria of the host country. The project activity was awarded host country approval on 27/04/2011.

A.3. Project participants:

Name of Party involved (*) ((host) indicates a host Party)	Private and/or public entity(ies) project participants (as applicable)	Kindly indicate if the Party involved wishes to be considered as a project participant (Yes/No)
India (host)	Malaxmi Wind Power (Private entity)	No

Malaxmi Wind Power is the sole owner of project activity power plants and generated CERs.

A.4. Technical description of the small-scale project activity:**A.4.1. Location of the small-scale project activity:****A.4.1.1. Host Party(ies):**

India

A.4.1.2. Region/State/Province etc.:

State: Rajasthan