Renewable Energy
AXIS Wind Farms, India

Making positive social, environmental and economic change.

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Generating clean electricity by utilising wind energy in the Anantapur district of Andhra Pradesh in India.

Renewable Energy Project

The main purpose of this project activity is to generate a clean form of electricity through a renewable wind energy source. This project involves installation of 105 MW wind project in Anantapur district of Andhra Pradesh.

Over the 10 years of first crediting period, the project was developed to replace anthropogenic emissions of greenhouse gases (GHG's) estimated to be approximately 198,183 tCO2e per year, thereon displacing 211,554 MWh/year amount of electricity from the generation-mix of power plants connected to the Indian grid, which is mainly dominated by thermal/fossil fuel based power plant.

The scenario existing prior to the implementation of the project activity, is electricity delivered to the grid by the project activity that would have otherwise been generated by the operation of grid-connected power plants.

The Project received all the necessary approvals for development and commissioning for the proposed project from the respective state government and is in compliance to the local laws and regulations.

Verified Carbon Standard
A VERRA STANDARD

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PROJECT KEY FACTS

Type: Wind power

Location: Anantapur district, Andhra Pradeshin state, India

Emissions Reduction: 1,981,830 tonnes of CO_2-e over ten year crediting period of the project

Standard: VCS-VCU

Vintage: 2020

Certification: Verra Verified Carbon Standard

PROJECT OBJECTIVES

- **SOCIAL WELLBEING**
  The project helped to generate employment opportunities during the construction and operation phases. The project activity then lead to development in infrastructure in the region such as development of roads and also promotes business with improved power generation.
- **ECONOMIC WELLBEING**
  The project is a clean technology investment in the region, which would not have been taken place in the absence of the VCS benefits the project activity also helps to reduce the demand supply gap in the state.
- **ENVIRONMENTAL WELLBEING**
  As wind is a renewable source of energy, it reduces the dependence on fossil fuels and conserves natural resources which are on the verge of depletion. Due to its zero emissions the Project activity, it also helps in avoiding significant amount of GHG emissions and specific pollutants like SOx, NOx, and SPM associated with the conventional thermal power generation facilities.
- **TECHNOLOGICAL WELLBEING**
  The successful operation of project activity would lead to promotion of wind based power generation and encourages other entrepreneurs to participate in similar projects.

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