Solar Power Project Bhadla

Rajasthan, India

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The aim of the project activity is to generate electricity from renewable energy sources (solar energy) and to sell the electricity generated to the state power grid.

The project generates electricity from solar energy. The electricity generated is fed into the regional electricity grid, which falls under the jurisdiction of the Indian electricity grid.

The project activity replaces the anthropogenic emissions of greenhouse gases, which are estimated at around 694,471 tCO2e per year and thus replaces 733 MWh of electricity per year from the generation mix of power plants that are usually operated with fossil fuels (coal). The solar power plant is connected to the INDIAN GRID.

Social benefit:
The project helps to create employment opportunities during the construction and operation phases. The project activity will contribute to the development of the infrastructure in the region.

Economic output:
The project is an investment in clean technologies in the region that would not have been made without the income from the emission allowances. The project activity will also help bridge the gap between supply and demand for clean energy. The project activity will generate electricity with no emissions. Solar-based power generation that helps reduce greenhouse gas emissions and specific pollutants such as SOx, NOx and SPM.

Technological development:
The successful operation of the project activity promotes solar-based power generation and results in other entrepreneurs being encouraged to participate in similar projects.

Environmental compatibility:
Solar is a renewable energy source, reduces dependence on fossil fuels and conserves natural resources that are on the verge of depletion. Due to the zero emissions, the project activity also helps to avoid significant amounts of greenhouse gas emissions.

Project type:	Solar
Project number:	158
Certifier:	LGAI Technological Center,
Standard:	

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