



This wind energy project with 33 wind turbines in the central/western Indian state of Maharashtra generates electricity from renewable energy sources. Besides reducing CO₂ emissions, the project also contributes to improving the quality of life in the region. In total, the project will produce approx. 222,000MWh of electricity annually and feed it into the national grid.

This renewable energy project in the district of Satara, not only helps cover the increasing energy demands of India's growing economy, but also helps reduce the percentage of energy produced with fossil fuels.

The Project:

The 49.5 MW wind energy project in the central/western Indian state of Maharashtra consists of 33 turbines, each with a capacity of 1.5 MW, which generates clean electricity from wind energy and feeds it into the national grid. Without the project, the equivalent amount of electricity would have been generated by power plants that are mainly powered by fossil fuels (e.g. oil, coal, gas). Wind energy emits a fraction of greenhouse gas emissions compared to a conventional power plant and this project also contributes to increasing the proportion of electricity generated from renewable energy in the national electricity mix.

The Benefit:

In addition to the pure climate protection effect, the project contributes to the achievement of the 17 Sustainable Development Goals (SDGs). The SDGs developed by the United Nations consider all three dimensions of sustainable development: economic, social and environmental influences. The project will also create new jobs, which will improve the financial situation of the local population. Another positive side effect is that the greenhouse gas content in the air will be reduced, which will also reduce the risk of acid rain, which further pollutes the soil.



Portfolio

Renewables

Project Standard

Gold Standard[®]

Climate Security & Sustainable Development

Emission Reduction

approx. 73,000 t CO₂e p.a.

Project Status

VER, certified

Project Location

Maharashtra, India

Sustainable Development Goals

