



MYTRAH WIND POWER INDIA

Providing clean, renewable energy and a range of benefits to communities in India

This wind energy project in the Indian states of Tamil Nadu, Karnataka and Andhra Pradesh tackles climate change by providing a renewable source of electricity for India's Southern Grid. The project also benefits surrounding villages – providing employment, training health workers, empowering young women, and investing in the provision of clean water and local art workshops.



The Context

A transition away from fossil fuels towards a clean energy alternative is an important development for India's rapidly expanding economy. Wind farms utilise prevailing winds to create clean, renewable energy, while also providing important infrastructural, economic and social benefits for more remote communities.

The Project

This project generates electricity using wind potential and converts it into kinetic energy, to an installed capacity of 233.1 MW. This clean electricity is then exported to the regional grid system, supplementing energy demands with an alternative to coal-fired electricity.

The Benefits

Beyond benefiting the environment, this project also supports the wellbeing of communities via a range of side activities and projects. This includes gainful employment for local workers, training for health volunteers servicing local slums and a community store to distribute donated items to disadvantaged community members. Two community camps, run by Mytrah Energy and UNICEF, empower young women by educating them on their rights, creative abilities and skills in healthcare, while a safe water project provides clean water, sanitation education and improved latrine services.

As part of the project activities, the Kala Mytrah initiative educates young women to bring about equal gender rights and community participation



100
health volunteers

trained in enhancing preventative healthcare in slum populations



500
girls

educated on gender rights, health and soft skills through the Kala Mytrah initiative



12,000
people

benefiting from seven safe drinking water plants across three states



488,388
MWh

of electricity supplied to India's Southern Grid on average each year, displacing fossil fuel-generated energy



150
permanent jobs

created, plus 210 seasonal jobs, boosting local economies



479,448
tCO₂e

on average annually, by a decreased reliance on fossil fuels

For more information on the UN Sustainable Development Goals, please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Official name: Wind Based Power Generation by Mytrah Energy (India) Limited | **UNFCCC/markit/VCS link:** http://www.vcsprojectdatabase.org/#/project_details/1521id=103000000001929
UNFCCC/markit/VCS ID: 1521