

# BUNDLED WIND POWER, INDIA



PROJECT TYPE:	RENEWABLE ENERGY
PROJECT NAME:	Chakala Wind-Based Power Generation Project
REGION:	This project is located at Nandurbar, Maharashtra State, India.
PROJECT DESCRIPTION:	<p>This greenfield project generates power using renewable energy source (wind energy) and sells the power generated to the state grid. It replaces the use of diesel generators by meeting the power demand during shortage periods.</p> <p><b>There is no consumption of any fossil fuel and hence no greenhouse gas emissions.</b></p> <p>The total installed capacity of the project involves operating 26 machines each</p>

	with a rated capacity 1.5 MW. It is a group project being part of Mytrah Energy (India) Limited.
<b>CO-BENEFITS:</b>	<p><i>Social well-being:</i></p> <p>The project helps in generating employment opportunities during the construction and operation phases. The project activity will lead to development in infrastructure in the region such as development of roads and may promote business with improved power generation.</p> <p>Project developers will use at a minimum 2% of the revenues accrued from the sale of carbon credits on an annual basis for community related activities. These include providing assistance for development of public amenities in the surrounding areas such as water distribution/sanitation facilities/building of schools and hospitals and free distribution of educational books and school uniforms, annual eye camps health checks for villagers.</p> <p><i>Economic well-being:</i></p> <p>The project is a clean technology investment in the region, which would not have taken place in the absence of the VCS benefits. The project activity will also help to reduce the demand supply gap in the state. The project will generate power using zero emissions wind based power generation which helps to reduce GHG emissions and specific pollutants like SO<sub>x</sub>, NO<sub>x</sub>, and SPM associated with the conventional thermal power generation facilities.</p> <p><i>Environmental well-being:</i></p> <p>Wind being a renewable source of energy, reduces the dependence on fossil fuels and conserves natural resources which are on the verge of depletion. Due to its zero emission the Project activity avoids a significant amount of GHG emissions.</p> <p><i>Technological well-being:</i></p> <p>The successful operation of the project activity should lead to promotion of wind based power generation and would encourage other entrepreneurs to participate in similar projects.</p>
<b>CSR VISION</b>	<p>Mytrah's vision is 'to be the catalysts of positive change in society' and their mission is 'to contribute towards improving the quality of life of (their) neighborhood communities and society at large' following a participatory development-oriented approach.</p> <p>Their CSR activities encompass social, economic and environmental aspects that are interlaced with stakeholders' engagements.</p>
<b>STANDARD:</b>	<p>Verra - Verified Carbon Standard Project 1197</p> 
<b>VINTAGE:</b>	2014-15
<b>ANNUAL EMISSION REDUCTIONS:</b>	74,307 tCO <sub>2</sub> -e per year (average)