

Project 3029

# Wind Power in Maharashtra

India

Selected by Carbon Neutral Britain, Project 3029 - Wind Power in Maharashtra - produces renewable electric power from 17, 1500kW capacity wind electric generators (WEGs), in a region where fossil fuels would have otherwise been burnt for energy. This project involves the construction, commissioning, and safe operation of a wind farm in the Indian state of Maharashtra, supplying the state electricity grid, which forms a part of the Western Regional Electricity Grid of India.



 **SUSTAINABLE  
DEVELOPMENT  
GOALS**

**9** INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



**7** AFFORDABLE AND  
CLEAN ENERGY



**8** DECENT WORK AND  
ECONOMIC GROWTH



**13** CLIMATE ACTION



Carbon Neutral Britain Project 3029 - Wind Power in Maharashtra - is a 20 year project to install and operate 17 wind turbines in the Western region of India. The Project displaces non-renewable fossil fuel based electricity generation that would have otherwise been utilised within the region. The Project thereby leads to a reduction in the emission of GHGs associated with fossil fuel based electricity generation and enables sustainable economic and environmental development. The electricity generation from the project activity will contribute to Green House Gas (GHG) reductions calculated to be 48,590 tCO<sub>2</sub>e (tonnes of carbon dioxide equivalent) per year.

In addition to providing clean energy, the significant secondary benefits of the project are to provide Social, Environmental, Economic, and Technical benefits within the region.

At the local level, the project activity has led to the creation of an estimated 900 skilled and unskilled jobs throughout the construction and ongoing operation and maintenance of the project, along with secondary contracts and job opportunities in the development of the local road network and facilities. The technical benefits, with an increased interest in wind energy projects will further push R&D efforts by technology providers to develop more efficient and better machinery, encouraging further investment in the sector.



# Carbon Neutral Britain™



Credits Issued from one or more of the International Carbon Offsetting standards:



## AAA

Rated Carbon Credit Project

**This Project is a Verified Carbon Offsetting Project, selected by Carbon Neutral Britain™, which has undertaken Independent Project Validation and Assurance on quality, outcomes, and performance**

As the UK's Leading Carbon Offsetting provider - Carbon Neutral Britain has completed industry leading Independent Project Validation and Assurance for this project, and all projects are supported via the Climate Fund™ portfolio.

Following our mission to provide the Best Value, Biggest Impact, Most Transparency, and Upmost Quality and Assurance of projects supported, validation ensures all projects have a real and lasting impact on Climate Change. This is achieved via three layers of assessment.

**First** - this, and all projects utilised must be audited and approved via the United Nations CER, Verra, or Gold Standard Mechanisms. As the three largest, and most regulated carbon offsetting standards in the world - this ensures the measurements, and tonnes of CO<sub>2</sub>e offset are accurate, and verified by these third parties (with public audits available for each project).

**Second** - Carbon Neutral Britain selects projects based on the 'secondary' benefits, such as helping to provide education, employment, clean water, energy, or have a positive impact on the local wildlife and ecology (for nature-based projects). Carbon Neutral Britain ensures all projects align with United Nations Sustainable Development Goals - which are listed within this project pack.

**Third** - all projects are Independently Validated, completing due diligence on the audits completed via the applicable corporate standard.

Above and beyond the requirements of the United Nations CER, Verra, and Gold Standard Mechanisms, Validation Independently Assesses each project, and only AAA Rated Carbon Credit Projects are utilised within the offsetting portfolio's provided by Carbon Neutral Britain. An AAA Project Rating is achieved via the successful completion of the 6 steps below.

1

AUDIT REVIEW - ENHANCED ADDITIONALITY ASSESSMENT

In addition to the additionality assessment completed via the applicable mechanism, enhanced additionality assessments are completed for each project supported.

Enhanced assessment provides further assurance that the offsetting project can only occur as a result of climate finance.

2

AUDIT REVIEW - UNFCCC CRITERIA FOR PROJECT QUALITY

In addition to the audit completed via the applicable mechanism, each project is assessed alongside the IPCC criteria for offsetting project development.

In addition, each project is reviewed alongside the UNFCCC criteria for carbon offset project quality.

3

PROJECT CATEGORY RESTRICTION

Complete assurance over emissions avoidance or capture are required for the highest rating credit.

As a result, projects are selected from a filtered list of project categories, to ensure no REDD or REDD+ (Reducing emissions from deforestation and forest degradation) projects are utilised.

4

SATELLITE, AI AND REMOTE SENSING REVIEW

Independent validation of project development and outcomes are reviewed via satellite, AI, and/or remote sensing - where applicable.

Tree planting and reforestation sites can be remotely tracked and reviewed (alongside surrounding areas), to ensure optimal carbon capture has occurred.

5

DURABILITY AND PERMANENCE ASSESSMENT

Permanence of each project is evaluated to ensure emissions avoidance or capture last for 100 years or more.

Durability is also assessed for direct air capture and enhanced weathering projects, where permanence can be assured for hundreds of years via technological solutions.

6

CONTINUOUS PROJECT MONITORING

The highest credit rating requires continuous monitoring of each project to ensure it will deliver the expected emissions reductions over time.

In addition, continuous monitoring ensures issues and deviations of emissions reporting are addressed throughout the crediting period.