

## Karnataka Wind Farm, India

 Project ID: **5799**

 Offset Standard: **Gold Standard**

# Gold Standard®



### CORSIA-eligible grid-connected electricity generation by an Indian wind farm

Karnataka Wind Farm consists of 30 wind turbine generators with a total capacity of 60MW, which is exported to the Indian electricity grid. This directly displaces an equivalent amount of electricity which would have otherwise been generated from a national energy mix dominated by coal and gas. It has a retroactive crediting start date of 25 January 2017, lasting seven years to 24 January 2024.

During the construction of the wind farm, great care was taken to minimise environmental impact. Fine particulate pollution was managed with the implementation of vehicular speed limits to reduce dust agitation, and spraying of water over activity areas and equipment. Soil erosion was mitigated with the use of dedicated parking areas, restriction of construction traffic to existing roads, and limitation of activities to dry months to prevent disruption of the soil structure during heavy rainfall. After construction was complete, the project area was revegetated where necessary.

To avoid attracting birds or bats which would be at risk of colliding with equipment, during the siting process it was ensured that there were no natural bodies of water nearby. None of the turbines or transmission lines are in areas of conservation importance, but nonetheless the transmission lines are fitted with reflectors to increase visibility for wildlife.

#### Benefits

- 30MW of installed power
- More than 42 fulltime work positions for local people have been created
- 898,870 tCO<sub>2</sub> reduced over seven years
- Distribution of furniture and classroom supplies to schools
- Establishment of health camp in the village of Gurumitkal



### Project area and developers

Karnataka Wind Farm was installed and operated by Orange Mamatkheda Wind Private Limited.

It is located in the villages of Chapetla, Himalpur, Kamalanagar, Chanderki, in the Yadgir district, in the state of Karnataka, India.

CORSIA Eligible

Crediting period: Jan 25, 2017 — Jan 24, 2024

