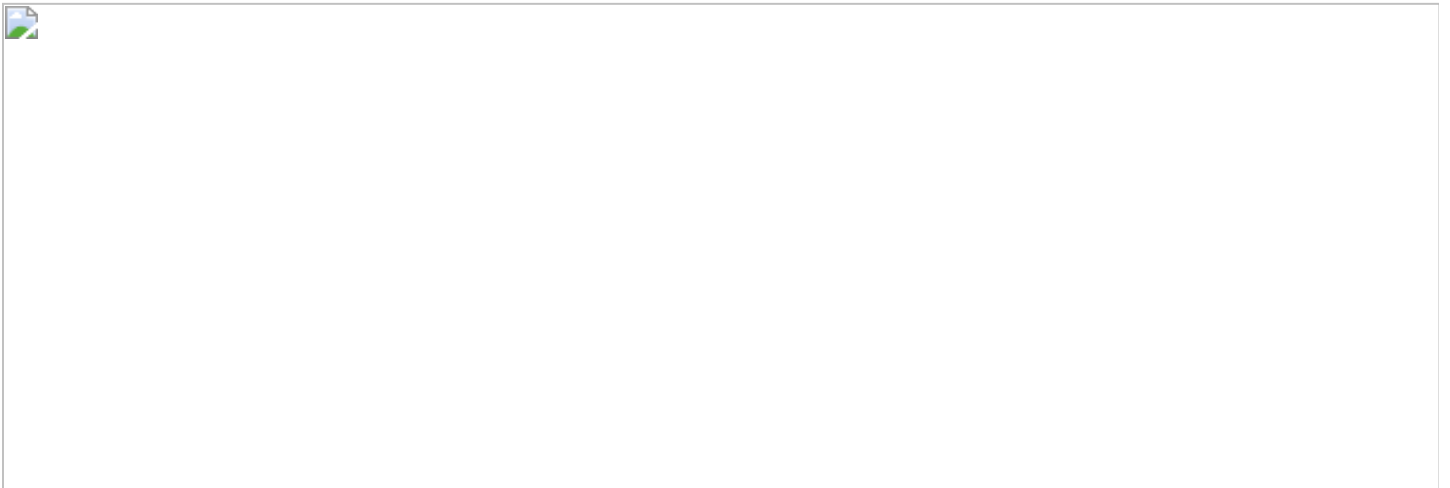


The Garob Wind Farm, South Africa

In operation



The plant

The Garob Wind Farm

The Garob wind farm, which is located near the remote **Northern Cape** town of Copperton in the Siyathemba Local Municipality, is able to generate 573 GWh every year, potentially preventing the annual emission of approximately 600,000 tons of CO₂ into the atmosphere. The facility, which has an operational capacity of 140 MW generated by 46 turbines, is situated in an area that is fast becoming a **renewable energy hub** in South Africa due to its growing number of solar and wind farms.



Technology

Wind



Status

In operation



Operating capacity

140 MW



Energy production

537 GWh per year



CO₂ emissions avoided

600,000 metric tons per year



Energy needs met

74,583 households each year