

KHOBAB WIND FARM FACT FILE:

- Comprises of 61 wind turbines - with a total output of 140MW
- Turbines 2.3 MW each
- Situated in the Hantam Municipal Area
- Located 60km north of Loeriesfontein in the Northern Cape.
- Construction commenced: September 2015
- Delivery of turbines commenced: March 2016
- Achieved Commercial Operations: 8 December
- The wind farm spans 3,200 hectares of agricultural land
- The wind farm connects to the Eskom's Helios substation approximately 8 km south of the wind farm
- The wind farm positively impacts the country's economy and people.
- Khobab Wind Farm received Environmental Authorisation: October 2012
- The wind farm generates approximately 563,500 MWh/year of clean, renewable energy to the national grid.
- When operating at full capacity, it supplies enough green electricity to power approximately 170,000 South African homes
- Khobab Wind Farm avoids approximately 550,000 tonnes of carbon emissions each year when compared to traditional fossil fuel power plants.
- Mainstream Renewable Power SA managed the Project Construction Process and manages Operations
- The turbines were supplied by Siemens Wind Power
- Civil and electrical works were completed by a consortium; Murray and Roberts Construction and Consolidated Power Projects
- The 99m turbine towers were manufactured at the Gestamp Wind Turbine Tower Factory.
- Khobab Wind Farm cost an estimate: ZAR3.5bn
- The total number of kilometres of road constructed on site was 33km