

## LOERIESFONTEIN WIND FARM FACT FILE

- Comprises of 61 wind turbines, with a total output of 140MW
- Turbines 2.3MW each
- Situated in the Hantam Municipal Area
- Located 60km north of Loeriesfontein, in the Northern Cape.
- The wind farm spans 3,453 hectares of agricultural land
- The wind farm is connected to the Eskom's Helios substation, approximately 11 km south of the wind farm.
- Construction commenced: 8 September 2015
- Delivery of turbines commenced: 11 April 2016
- Achieved Commercial Operations: 8 December 2017
- Loeriesfontein Wind Farm received Environmental Authorisation: July 2013
- Generate approximately 535,354 MWh/year of clean, renewable energy to the national grid.
- When operating at full capacity, it is expected to supply enough green electricity to power approximately 161,000 South African homes
- The 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 new Gestamp Wind Turbine Tower Factory.
- Loeriesfontein Wind Farm cost estimate: ZAR3.5bn