

NOUPOORT WIND FARM FACT FILE - 80MW

Noupoort Wind Farm began Commercial Operation in July 2016

- Located within the Umsobomvu Municipal; area in the Northern Cape
- Project is located 10km east of the town of Noupoort.
- Comprises 35 Wind Turbines
- 80MW total output
- Turbines 2.3 MW each
- Construction commenced May 2015
- Delivery of turbines commenced April 2016
- COD July 2016
- Noupoort Wind Farm cost an estimated ZAR1.9 billion
- Land: An agreement with three landowners for a total of 7,472 hectares.
- Environmental Authorisation was received on 29th October, 2012
- Located just 11 km from the Eskom132kV overhead line looping into the 132kV line between Newgate and Ludlow substations.
- Mainstream Renewable Power SA managed the Project Construction Process and manages Operations.
- The turbines were supplied by world-leading manufacturer 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, in Atlantis and transported via road to Northern Cape.
- Generates approximately 304,800 MWh/year of clean, renewable energy to the national grid.
- When operating at full capacity, it supplies enough green electricity to power approximately 91 835 South African homes and avoid approximately 300,000 tonnes of carbon emissions each year when compared to traditional fossil fuel power plants.