The Jeffreys Bay Wind Farm is one of the largest wind farms in South Africa, spanning 3 700 hectares on which 60 wind turbines have been erected. The project reached its commercial operation date mid-2014, having begun construction in December 2012. It is connected to a 132 kilo Volt (kV) Eskom distribution line and generates approximately 450 600 megawatt hours (MWh) per year, supplying enough clean renewable electrical energy to power more than 100 000 average South African households.

With demand for electricity continuing to grow in South Africa, the introduction of this clean energy will have far reaching benefits for the country’s power sector, economy and people.

**PROJECT DESCRIPTION**

Jeffreys Bay Wind Farm is located between the towns of Jeffreys Bay and Humansdorp, in the Kouga Municipality, in the Eastern Cape. It is one of the first projects arising from the South African Government’s Renewable Energy Independent Power Producer Procurement Programme (REIPPPP). The project has a 20-year Power Purchase Agreement with Eskom as well as an Implementation Agreement with the Government of South Africa.

**COMMUNITY TRUST**

Six percent of the Jeffreys Bay Wind Farm is owned by the Amandla Omoya Trust. This ownership level is significantly higher than the government’s minimum threshold of 2.5% local ownership.

The loan will be repaid through the shareholder dividends generated by the project and thereafter the Trust will use its share of the dividends to benefit the local community within the Jeffreys Bay, Humansdorp, Hankey and Patensie areas.

**BENEFITS TO THE LOCAL COMMUNITY**

The local communities in the vicinity of the Jeffreys Bay Wind Farm benefit from Enterprise Development and Socio Economic Development Contributions; Community Trust ownership; as well as Employment and Procurement opportunities.

**ECONOMIC DEVELOPMENT PROGRAMMES**

A percentage of revenues is spent on socio economic and enterprise development programmes. Enterprise Development includes initiatives to assist and accelerate the sustainability of local enterprises. Socio Economic Development initiatives promote access to the economy for all people.
Electricity produced from wind is clean and renewable. Wind generation reduces the country’s reliance on coal fired generation, which emits CO2 and other damaging gases into the environment. As wind energy does not consume water during the generation process it also helps preserve scarce water resources.

Jeffreys Bay Wind Farm received a full Environmental Authorisation from the Department of Environmental Affairs, with no appeals in 2011.

- **Expected Electricity Production** | 460,000 MWh per year
- **Power for average South African Homes** | 100,000 average households each year
- **Annual CO2 emissions avoided** | 420,000 Tonnes
- **Project Lifetime CO2 emissions avoided** | 8,400,000 Tonnes
- **Water savings** | 590,000,000 Litres per year

### Electricity Generation

#### For a Cleaner Environment

**Globeleq** is an experienced developer, owner and operator of independent power projects in Africa. Since the company was founded in 2002, it has participated in over 7,800 GW of generation capacity and invested US$1bn of equity across 37 power projects in 24 countries. Globeleq currently owns, operates and invests in 1,237 MW of electricity generation in Africa, with another 2,000 MW in development. Globeleq is a power industry leader and is committed to providing safe, reliable and cost effective power to the grid, significantly contributing to the social and economic growth in the region.

**Old Mutual Life Assurance Company (South Africa) Ltd ("OMLACSA")**

**Thebe Investment Corporation**

**Usizo Engineering**

**Amandla Omoya Trust**

**Enzani Molene Holdings**

**Operations Management Company**

**Amandla Omoya Trust**

**Operations & Maintenance Contractor**

**Siemens**

www.jeffreysbaywindfarm.co.za