

# JEFFREY'S BAY WIND FARM

20 km west of Jeffrey's Bay, Eastern Cape, South Africa  
(Working in a sensitive fynbos ecosystem)

## PROJECT TYPE: Main civils and road infrastructure for wind farm

CLIENT:  
Mainstream Renewable Power

DATE OF PROJECT:  
November 2012

## PROJECT DESCRIPTION:

Jeffrey's Bay Wind Farm for 60 2.3 MW turbines, and 50km gravel roads, hardstands and foundations to accommodate each turbine.

The work mainly included excavation of cable trenches for 200km cable between turbines and Substation, construction of a new Substation to convert Power to 132Kv to export to Eskom Grid and route Modifications on N2 to accommodate turbine delivery vehicles.

Successful implementation of the Environmental Management Plan, Water Use Licence, Mining Permits for quarries and Threatened and Protected Species Permits in the Sandstone Fynbos and Gamtoos thicket vegetation type.

Early threatened plant species survey and recovery was successful. Examples of such plants include *Syncarpia recurvata*, plants requiring licence for relocation.

Road discipline was imposed on all construction vehicles to prevent trampling of vegetation and species damage.

