



CREATING OPPORTUNITIES THROUGH CLEAN ENERGY

Perdekraal East Fact Sheet

Where is the wind farm	Located 80km northeast of Ceres, in the Witzenberg local Municipality, in the Western Cape.
No of turbines	48
Total output	110MW
Size of area	3 055 hectares
Environmental authorisation	The original EAs were issued in December 2012.
Distance from Eskom connection	Approximately 9km
Renewable energy	368.8 GWh/year of clean renewable energy per year
How many homes will it power?	Approximately 111 000 homes
Carbon emissions avoided	Approximately 410 000 tonnes
Wind Farm Construction	Construction - South Africa Mainstream Renewable Power Developments
Wind Farm Operations and Management	Mainstream Asset Management South Africa
Investment	ZAR 3,1 billion
Wind Farm Construction Partners	The Perdekraal East Wind Farm forms part of the South African Government's Renewable Energy Independent Power Producer Procurement Programme and was constructed by an experienced team, comprising of Siemens, Concor and Conco Consortium.
Ownership	Mainstream & Actis (Lekela), Old Mutual, H1, AREP, Community Trust
Wind Turbines	Siemens Wind Power – SWT2.3-108
Wind Turbine Towers	Manufactured by GRI in Atlantis.
Height of turbine towers	115m
Length of blades	53m
Turbine Tip Height	168m
Economic Development	2.8% of the wind farm's revenue will be spent on socio economic development and 0.2% on enterprise development, over a 20-year period, from the time of operations.
2.5 % Owned by local community trust	Perdekraal East Community Trust
Local Community Benefits	Employment opportunities, skills development, socio economic development and enterprise development, are just some of the ways that local communities, situated within the communities of Ceres, Nduli, Bella Vista and Prince Alfred Hamlet are to benefit during the wind farm's 20 year's operational period.
Construction Completed	October 2020