



## OYSTER BAY WINDFARM

Eastern Cape, South Africa



### Project Facts

#### Product

CFA Piles

#### Market

Power Generation - Wind

#### Client

Enel Green Power

#### Main Contractor

Power Construction

#### Achievements

- Project completed on time
- Professional teamwork

- **About the project**

In 2020 Power Construction subcontracted Franki for foundation piling on 4 No. Wind Turbine Bases (96 piles in total) at the Oyster Bay Wind Farm Project, which is situated along the South Coast of South Africa.

- **Challenges**

Deep CFA piles of up to 24m had to be catered for and Franki provided this in the form of the BG28 piling rig in CFA mode.

Full length steel cages that were very slender and prone to buckling, requiring additional rebar to stiffen it, for lifting and placing into the pile.

Another challenge that we managed very well was the Covid 19 lockdown and subsequent regulations to return to work.

Severe weather conditions in the form of wind and rain.

- **The solution**

The design was provided by the client and required integrity testing, cross-hole sonic logging and pile compression/tension tests. The works was completed successfully and passed all necessary tests. Good communication and teamwork between Franki personnel and Power Construction resulted in a successful project.