Oyster Bay Wind Farm

NERSA PUBLIC HEARING

2015
The Oyster Bay Wind Farm is located in the Eastern Cape Province ~90 km west of Port Elizabeth, 15km south-west of Humansdorp and 6km inland from Oyster Bay.

The Project site is located on gently rolling agricultural land extending approximately 3km north to south and 6km east to west.

The Site Layout shows the anticipated positions of the wind turbines and site infrastructure (the internal electrical cabling will be underground and will follow the internal road routes).
Installed Capacity: 141.9MW
Contracted Capacity: 140MW
Wind Turbine Generator: Vestas V117 3.3MW
Hub height: 91.5m
Number of WTGs: 43
Voltage Connection Level: 132kV
Grid integration: Connection to Kouga substation via approx 5km of self-build double circuit OHL and 23km of Eskom OHL string to Melkhout substation
Scheduled COD: October 2017 (as per bid submission)
Turbine Supplier: Vestas Southern Africa (Pty) Ltd
Civil Contractor: Power Construction (Pty) Ltd
Electrical Contractor: Consolidated Power Projects (Pty) Ltd
O&M Contractor: Vestas Southern Africa (Pty) Ltd
PROJECT PROGRESS & SOUTH AFRICA VALUE

Studies and Permits
- Developed since 2010 with permits in excess of REIPPPP requirements
- Wind studies since 2011 give increased certainty of resource
- Permitting to be finalised prior to FC in Q1 2016

Stakeholders and consultations
- Comprehensive and lengthy engagement with local stakeholders since 2010
- Official consultations: CNA, EIA, S53, Rezoning, CDM
- Meetings: Ward & Municipal Council, Farmers Association, ANC, focus groups

Objections
- 2012 EA objection from St Francis Bay Kromme Trust – cumulative impact
- Engagement with SFKT, BLSA & ECPTA led to regional biodiversity/avifaunal studies and formation of the Greater Kromme Stewardship Association with 6 local wind farms & SFKT

Value for Money
- Class 1 wind site; average wind speed >9m/s, low turbulence
- EGP commercial acumen & contracting experience
- High performance modern Vestas technology
- Low cost, clean, renewable electricity

10/09/2015
The Sponsor Company Overview – ENEL GREEN POWER RSA (Pty) Ltd

- Views for long term presence / complex business plan in South Africa
- Already more than 70 people working in the Johannesburg headquarters
- Awarded over 1200 MW in the REIPPPP Programme of the Department of Energy, accounting for an investment of approximately 18 bn ZAR.
- Experienced investor
- Subsidiary of Enel Green Power S.p.A. which in turn is subsidiary of Enel S.p.A.
Enel Green Power
Global footprint in renewable energy

Total capacity by technology
9,626 MW

Total production by technology
31.8 TWh

North America
2.1 GW in operation
0.4 GW under construction
5.1 GW pipeline

Europe
5.8 GW in operation
0.1 GW under construction
4.0 GW pipeline

Latin America
1.7 GW in operation
1.0 GW under construction
12.4 GW pipeline

Africa
10 MW in operation
0.5 GW under construction
4.5 GW pipeline
Of which:
0.7 GW awarded in 2015

1. As of December 31st, 2014
Enel's global presence

USA and Canada
- Capacity: 2.1 GW

Central America
- Capacity: 0.8 GW

Colombia
- 1° in generation (21%)
- 1° in distribution (22%)
- Capacity: 3.0 GW
- 2.8 M customers

Peru
- 1° in generation (22%)
- 2° in distribution (31%)
- Capacity: 1.9 GW
- 1.3 M customers

Chile
- 1° in generation (27%)
- 1° in distribution (33%)
- Capacity: 6.8 GW (of which 0.5 GW)
- 1.7 M customers

Uruguay
- Capacity under construction

Italy
- 1° in generation (27%)
- 1° in distribution (85%)
- Capacity: 36.8 GW (of which 3.1 GW)
- 30.7 M customers power-gas
- Upstream gas activities

Romania
- 2° in distribution (36%)
- Capacity: 0.5 GW
- 2.7 M customers

Slovakia
- 30,7 M customers power-gas
- Upstream gas activities

Russia
- Presence in generation (5%)
- Capacity: 9.1 GW
- Presence in retail

Iberia
- 1° in generation (24%)
- 1° in distribution (42%)
- Capacity: 23.5 GW (of which 1.8 GW)
- 12.5 M customers power-gas

Rest of Europe
- Presence in generation
- 0.7 GW (of which 0.3 GW)
- Presence in retail

Brazil
- Presence in generation (1%) and distribution (7%)
- Capacity: 1.3 GW (of which 0.4 GW)
- 6.4 M customers

Argentina
- 1° in generation (11%)
- 2° in distribution (17%)
- Capacity: 4.4 GW
- 2.5 M customers

Chile
- 1° in generation (27%)
- 1° in distribution (33%)
- Capacity: 6.8 GW (of which 0.5 GW)
- 1.7 M customers

Indonesia
- Trading activities

Africa
- ~0.1 GW (of which 10 MW)
- Upstream gas activities

Global diversified player in more than 30 countries

1. As of 31st December 2014
2. Among private operators

10/09/2015
Khana is a South African renewable energy investment company:

- successful track record in the sector
- strong BEE transactional and economic development capabilities
- competitive advantage as preferred local equity empowerment partner to international utilities
- 100% South African company and a level III B-BBEE contributor
- assist utilities to comply with the local black ownership requirements of the REIPPPP

A broad-based black shareholder base which exceeds the local empowerment shareholding criteria stipulated by the Department of Energy:

- Black ownership 51% (Black women 28%, Broad Based Ownership 14.5%, Black new entrants 5.1%).
- 5.1% of Khana is owned by a broad-based beneficiary trust aligned with national social objectives focused on uplifting beneficiaries who are most vulnerable through initiatives targeted at women and children

Founders shared vision is to grow a 100% local, black controlled and managed business, to become the leading and meaningful South African participant in the REIPPPP

Khana is a strategic partnership of Gamiro Investment Group (51%) and Red Cap Consult (49%).
PPA signing - Expected 1st Quarter 2016

Commercial Operation – October 2017 (as per bid submission)
ECONOMIC DEVELOPMENT - JOB CREATION & BLACK OWNERSHIP

JOB CREATION

Construction – 591 jobs for South African Citizens:
548 Black Citizens, 256 local,
Operation - 83 Permanent jobs for South African Citizens:
52 Black Citizens, 17 local.

EMPOWEREMENT

25.3% Equity held by Black South Africans,
10% of which is a Broad Based Black Community Trust.
THANK YOU FOR YOUR ATTENTION