METROWIND VAN STADENS WIND FARM

NERSA PUBLIC HEARING

2 March 2012

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Outline

• Project Background
• EIA Process
• Site Selection
  – Energy Mapping
  – Environmental Constraints
  – CAA – Radar
  – NMBM – Constraints
  – Site – Constraints
• Other Approvals
• Grid Connection
• Economic Development
• Socio Economic Development
• Other Project Benefits
• Closing
PROJECT BACKGROUND
Extensive EIA Process

- March 2009 – SRK Appointed as Independent Environmental Practitioner
- **16th March 2009** – EIA advertised EP Herald and Die Burger, Onsite Posters, Presented to NMBM Corporate EIA Task Team (CETT), Prepared Draft Scoping Report,
- **1st June 2009** – Public Hearing for Scoping Study to IAP’s
- **4th June 2009** – Public Hearing for Scoping Study to IAP’s
- **10th July 2009** – Aviation Safety Focus Group Meeting
- **31st July 2009** – Submit FSR to DEA
- **27th October 2009** – DEA approved Plan of Study for EIA
- **10th May 2010** – DEIR submitted to DEA and Distributed to public venues for review by IAP’s and Exec Summary sent to all IAP’s.
- **27th May 2010** – Public Meeting to present findings of DEIR
- DEIR presented to CETT.
- **29th July 2010** – FEIR submitted to DEA
- **28th March 2011** – DEA Approval (RoD) for 10 Turbines and 23 MW
- **9th September 2011** – Application for Amendment, 9 Turbines and 27 MW
- **September 2011** – Application for Amendment advertised in Local News Papers
- **13th October 2011** – DEA Approval of Amendment for 9 Turbines 27MW
- **18th October 2011** – NMBM assigned RoD to MetroWind
- **10th November 2011** – Approval of assignment granted by DEA
Site Selection – 1 Wind Mapping
2 – Environmental Constraints
3 – CAA Radar
4 – NMBM Constraints
5 – Site Constraints
Approvals

• CAA
• Heritage
• National Roads
• District Roads
• Land Lease Agreement
• Grid Connection Agreement
• REIPP Preferred Bidder Status
MOD of EA
Grid Connection
Economic Development

• 175 SA Jobs during construction, 130 Black
• 13 Permanent, 9 from local community
• Proudly South African – 100% SA Owned
• 30% OMIGSA
• 25% Spilled Water Renewable
• 20% BRE
• 20% AfriCoast SA
• 5% BEE Community Trust
• Committed 1% Equity to SED & ED
Socio-Economic Development

- Awarded the highest score in round one of REBID for SED and ED.
- Extensive consultation & engaged NMBM, Educational Leaders, Ward Councillors, Community Leaders and NGO’s have identified sustainable projects in some of the following areas:
  - Agriculture and food security
  - Energy security
  - Water
  - Sanitation
  - Conservation and Education
  - Health Care for socio-economic development programmes around the Wind Farm
- Will Benefit the Following Communities:
  - Blue Horizon Bay;
  - Van Stadens;
  - Fitches Corner; and
  - Shamrock local Communities.
Other Project Benefits

- > 80 000 MWh of “green” electricity
- Offsetting > 72 000 tons of CO2 emissions every year.
- Grid security
- Reduced grid losses from long transmission lines
- NMBM go green campaign
- R 550m investment into local economy
Conclusions

- NERSA received 8 Objections 6 identical, 1 precis.
- Bulk of objections on environmental grounds and were addressed in Specialist reports in FEIR and amendment.
- Objections were speculative and unsupported vs Expert Opinion backed by specialist studies
- Application for generation licence ito Electricity Act 4 of 2006
- Section 14(1)(s) of act provides that NERSA may make any licence subject to compliance with health, safety and environmental regulation
- Application meets all terms and conditions required for NERSA to grant generation licence