



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

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DEA Reference: 12/12/20/2370/3/AM1

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PER EMAIL / MAIL

Dear Mr Gordon

AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION ISSUED ON 12 AUGUST 2014 FOR THE 140MW GREAT KAROO WIND FARM (PHASE 3) AND ITS ASSOCIATED INFRASTRUCTURE ON THE FARM KENTUCKY 206 AND PORTION 1 (WELGEMOED) OF THE FARM WOLVENKOP 207 WITHIN THE KAROO HOOGLAND LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE

The Environmental Authorisation (EA) issued for the abovementioned application by this Department on 12 August 2014, your application for amendment of the EA received by this Department on 11 April 2016, the draft report received on 11 April 2016, the comments issued by this Department on 25 April 2016 and the additional information received on 19 May 2016 refer.

Based on a review of the reason for requesting an amendment to the above EA, this Department, in terms of Chapter 5 of the Environmental Impact Assessment Regulations, 2014, has decided to amend the EA dated 12 August 2014 as follows:

Amendment 1: Amendment to the project description of the EA:

Page 08 of the EA:

From:

"The infrastructure associated with this facility includes:

- *Wind turbines (between 2MW and 3.5MW in capacity and with a 120m rotor diameter and a hub height of up to 120m) and associated foundations;*
- *Medium voltage cabling between the turbines, to be laid underground where practical;*
- *Internal access roads to each turbine the substation complex and the ancillary infrastructure;*
- *One on-site substation complex to facilitate stepping up the voltage from medium to high voltage (up to 132kV) to enable the connection of the wind energy facility and the Eskom grid at Eskom's Komsberg Substation*

- A high voltage power line for connection to a double circuit high voltage power line from the Karusa Wind Farm Substation to the Eskom Komsberg Substation;
- Operations and services workshop area / office building for control, maintenance and storage; and
- Temporary infrastructure including a site camp, laydown areas and a batching plant.”

To:

“The infrastructure associated with this facility includes:

- Up to 52 wind turbines (with up to 3.6MW in capacity and with up to 140m rotor diameter and a hub height of up to 120m) and associated foundations;
- Medium voltage cabling between the turbines, to be laid underground where practical;
- Internal access roads to each turbine the substation complex and the ancillary infrastructure;
- One on-site substation complex to facilitate stepping up the voltage from medium to high voltage (up to 132kV) to enable the connection of the wind energy facility and the Eskom grid at Eskom’s Komsberg Substation
- A high voltage power line for connection to a double circuit high voltage power line from the Karusa Wind Farm Substation to the Eskom Komsberg Substation;
- Operations and services workshop area / office building for control, maintenance and storage; and
- Temporary infrastructure including a site camp, laydown areas and a batching plant.

The table on page 08 of the EA:

From:

Component	Description/Dimensions
Location of the site	~ 50 km south of Sutherland in the Northern Cape
Extent of the proposed development footprint	~ 91.8 km ²
SG Codes	» C07200000000020600000 » C07200000000020700001
Substation complex	One (1) 132 kV substation, workshop, control, administration and security facilities.
Power line (number and voltage)	One (1) high voltage overhead power line for connection of the Great Karoo Wind Farm Substation to a (1) double circuit high voltage power line from the Karusa Wind Farm Substation to the Eskom Komsberg Substation.
Access road and width	8 m wide
Export capacity	140 MW
Number of Turbines	57

To:

Component	Description/Dimensions
Location of the site	~ 50 km south of Sutherland in the Northern Cape
Extent of the proposed development footprint	~ 91.8 km ²
SG Codes	» C07200000000020600000 » C07200000000020700001
Substation complex	One (1) 132 kV substation, workshop, control, administration and security facilities.
Power line (number and voltage)	One (1) high voltage overhead power line for connection of the Great Karoo Wind Farm

	Substation to a (1) double circuit high voltage power line from the Karusa Wind Farm Substation to the Eskom Komsberg Substation.
Access road and width	8 m wide
Hub Height	Up to 120m
Rotor Diameter	Up to 140m
Export capacity	140 MW
Number of Turbines	52

The applicant applied to amend the turbine specifications as there was developments in technology since the EA was issued based on the wind monitoring results as well as economic considerations. The applicant applied to increase the rotor diameter as well as reduce the number of turbines.

This proposed amendment letter must be read in conjunction with the EA dated 12 August 2014.

In terms of Regulation 4(2) of the Environmental Impact Assessment Regulations, 2014 (the Regulations), you are instructed to notify all registered interested and affected parties, in writing and within 14 (fourteen) days of the date of the Department's decision in respect of the amendment made as well as the provisions regarding the submission of appeals that are contained in the Regulations.

Your attention is drawn to Chapter 2 of Government Notice No. R.993, which prescribes the appeal procedure to be followed. Kindly include a copy of this document with the letter of notification to interested and affected parties.

An appellant must submit an appeal to the appeal administrator, and a copy of the appeal to the applicant, any registered interested and affected party and any organ of state with interest in the matter within 20 days from the date that the notification of the decision was sent to the applicant by the competent authority.

By post: Private Bag X447,
Pretoria,
0001; or

By hand: Environment House
473 Steve Biko Road,
Arcadia,
Pretoria.

Appeals must be submitted in writing to:

Mr Z Hassam, Director: Appeals and Legal Review, of this Department at the above mentioned addresses. Mr Hassam can also be contacted at:

Tel: (012) 399 9356

Email: Appealsdirector@environment.gov.za

Please note that in terms of Section 43(7) of the National Environmental Management Act, 1998, an appeal under Section 43 of that Act will suspend the environmental authorisation or any provision or condition attached thereto. In the instance where an appeal is lodged, you may not commence with the activity until such time that the appeal is finalised.

For guidance on appeals submitted to the Minister in terms of NEMA and the SEMAs, please find a copy of the guideline on the administration of appeals on the Department's website: (https://www.environment.gov.za/documents/forms#legal_authorisations).

Yours faithfully


Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs
Date: 25/07/2016

cc:	Ms Jo-Anne Thomas	Savannah Environmental (Pty) Ltd	Email: joanne@savannahsa.com
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