



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

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DEA Reference: 14/12/16/3/3/2/1018/AM2

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Mr Eugene Marais  
South Africa Mainstream Renewable Power Developments (Pty) Ltd  
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PER MAIL / E-MAIL

Dear Mr Marais

### AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION ISSUED ON 29 MARCH 2018 FOR THE CONSTRUCTION OF THE 235MW IXHA BOOM WIND FARM SITUATED NEAR LOERIESFONTEIN, HANTAM LOCAL MUNICIPALITY WITHIN THE NAMAKWA DISTRICT MUNICIPALITY IN THE NORTHERN CAPE PROVINCE

The Environmental Authorisation (EA) issued for the above-mentioned application by this Department on 29 March 2018, your application for amendment of the EA received by this Department on 12 August 2019, the draft report received on 27 September 2019, the comments issued by this Department on 18 October 2019 and the final report received on 11 November 2019, refers.

Based on a review of the reason for requesting an amendment to the above-mentioned EA, this Department, in terms of Chapter 5 of the Environmental Impact Assessment (EIA) Regulations, 2014 as amended, has decided to amend the EA dated 29 March 2018, as follows:

#### 1. Amendment to turbine dimensions on page 7 of the EA dated 29 March 2018

**From:**

Hub height from ground level	Up to 160m
Rotor diameter	Up to 160m

**To:**

Hub height from ground level	Up to 200m
Rotor diameter	Up to 200m

#### 2. Amendment to turbine numbers on page 7 and 15 of the EA dated 29 March 2018

**From:**

Up to 47 turbines

**To:**

Up to 37 turbines

3. **Amendment to curtailment programme in Condition 43 on page 16 of the EA (as amended on page 2 of the EA Amendment dated 13 May 2019)**

**From:**

Should robust and scientifically defensible data gathered during the operational study phase reveal higher bat mortalities than currently anticipated, the mitigations in Table 1 should be applied to the turbines identified as causing the highest impacts. Such curtailment specified in Table 1 will have to be at a maximum of Level 5 which requires ninety degree feathering of blades below mitigation cut in conditions.

Table 1: The periods and weather conditions for implementation when needed, as outlined above

<b>Specific conditions of mitigation implementation</b>	
Peak activity (times to implement curtailment/ mitigation)	Met Mast (80m): 15 – 25 January over the time of sunset – 01:00
Environmental conditions in which to implement curtailment/ mitigation	Met Mast (80m): Wind speed below 7m/s <i>and</i> Temperature above 18°C
Peak activity (times to implement curtailment/ mitigation)	Met Mast (80m): 25 August – 30 November over the time of sunset – 00:00
Environmental conditions in which to implement curtailment/ mitigation	Met Mast (80m): Wind speed below 8m/s (non-normalised data used) <i>and</i> Temperature above 14°C

**To:**

Should the total output of the wind farm exceed 200MW, the curtailment programme indicated in the table below must be applied at the onset of the wind development facility.

<b>Terms of mitigation implementation</b>	
Peak activity (times to implement curtailment/ mitigation)	Met Mast (10m): 15 – 25 January from the time of sunset to 04:00
Environmental conditions in which to implement curtailment/ mitigation	Met Mast (10m): Wind speed below 8.5m/s <i>and</i> Temperature above 20°C
Peak activity (times to implement curtailment/ mitigation)	Met Mast (80m): 15 – 25 January over the time of sunset – 01:00
Environmental conditions in which to implement curtailment/ mitigation	Met Mast (80m): Wind speed below 7m/s <i>and</i> Temperature above 18°C
Peak activity (times to implement curtailment/ mitigation)	Met Mast (10m): 15 February – 31 March over the time of sunset – 04:00
Environmental conditions in which to implement curtailment/ mitigation -	Met Mast (10m): Wind speed below 8.0m/s <i>and</i>

	Temperature above 16.0°C
Peak activity (times to implement curtailment/ mitigation)	Met Mast (10m): 10 April – 10 June over the time of sunset – 04:00
Environmental conditions in which to implement curtailment/ mitigation	Met Mast (10m): Wind speed below 6m/s <i>and</i> Temperature above 17°C
Peak activity (times to implement curtailment/ mitigation)	Met Mast (10m): 25 August – 30 November over the time of sunset – 03:00
Environmental conditions in which to implement curtailment/ mitigation	Met Mast (10m): Wind speed below 8m/s <i>and</i> Temperature above 14°C
Peak activity (times to implement curtailment/ mitigation)	Met Mast (80m): 25 August – 30 November over the time of sunset – 00:00
Environmental conditions in which to implement curtailment/ mitigation	Met Mast (80m): Wind speed below 8m/s <i>and</i> Temperature above 13°C

4. **Amendment (administrative error) to the name of the contact person of the EA (as amended on page 3 of the EA Amendment dated 13 May 2019)**

**From:**

Mr Eugene Marias

**To:**

Mr Eugene Marais

5. **Amendment (administrative errors) to the name of the holder of the EA dated 29 March 2018 and on the EA Amendment dated 13 May 2019**

**From:**

South African Mainstream Renewable Power Developments (Pty) Ltd.

**To:**

South Africa Mainstream Renewable Power Developments (Pty) Ltd.

6. **Amendment to the DEA Reference number (page 1 of the amendment of the EA dated 13 May 2019)**

**From:**

14/12/16/3/3/2/1018/AM1

**To:**

14/12/16/3/3/2/1018/AM1

**General**

This amendment letter must be read in conjunction with the EA dated on 29 March 2018, as amended.

In terms of the Promotion of Administrative Justice Act, 2000 (Act No 3 of 2000), you are entitled to the right to fair, lawful and reasonable administrative action; and to written reasons for administrative action that affects you negatively. Further your attention is drawn to the provisions of the Protection of Personal Information Act, 2013 (Act no. 4 of 2013) which stipulate that the Department should conduct itself in a responsible manner when collecting, processing, storing and sharing an individual or another entity's personal information by holding the Department accountable should the Department abuse or compromise your personal information in any way.

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

Your attention is drawn to Chapter 2 of National Environmental Management Act, 1998 (Act No. 107 of 1998) National Appeal Regulations published under Government Notice R993 in Government Gazette No. 38303 dated 08 December 2014 (National Appeal Regulations, 2014), which prescribes the appeal procedure to be followed. Kindly include a copy of this document (National Appeal Regulations, 2014) with the letter of notification to interested and affected parties in this matter.

Should any person wish to lodge an appeal against this decision, he/she must submit the 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 registered interested and affected parties by the applicant; or the date that the notification of the decision was sent to the applicant by the Department, whichever is applicable.

**Appeals must be submitted in writing in the prescribed form to:**

The Director: Appeals and Legal Review of this Department at the below mentioned addresses.

By email: [appeals@environment.gov.za](mailto:appeals@environment.gov.za)

By hand: Environment House

473 Steve Biko,  
Arcadia,  
Pretoria,  
0083; or

By post: Private Bag X447,  
Pretoria,  
0001;

Please note that in terms of Section 43(7) of the National Environmental Management Act, Act No. 107 of 1998, as amended, the lodging of an appeal 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.

To obtain the prescribed appeal form and for guidance on the submission of appeals, please visit the Department's website at [https://www.environment.gov.za/documents/forms#legal\\_authorisations](https://www.environment.gov.za/documents/forms#legal_authorisations) or request a copy of the documents at [appeals@environment.gov.za](mailto:appeals@environment.gov.za).

Yours faithfully



**Mr Sabelo Malaza**  
**Chief Director: Integrated Environmental Authorisations**  
**Department of Environmental Affairs**

Date: 09/03/2020

CC:	Mr Stephan Jacobs	SiVest SA (Pty) Ltd	Email: <a href="mailto:stephanj@sivest.co.za">stephanj@sivest.co.za</a>
	Mr Thulani Mthombeni	NC DENC	Email: <a href="mailto:tmthombeni@ncpg.gov.za">tmthombeni@ncpg.gov.za</a>

