



30 June 2023

Department of Forestry, Fisheries  
& the Environment (DFFE)  
Private Bag X 447  
Pretoria  
0001

Dear Mr Malaza,

**RE: FINAL MOTIVATION REPORT FOR THE AMENDMENT OF ENVIRONMENTAL AUTHORISATION ISSUED ON 28 MAY 2012 FOR THE CONSTRUCTION OF RICHTERSVELD WIND FARM LOCATED APPROXIMATELY 30KM SOUTH-EAST OF ALEXANDER BAY AND 55KM NORTH OF PORT NOLLOTH, RICHTERSVELD LOCAL MUNICIPALITY, NAMAKWA DISTRICT MUNICIPALITY, NORTHERN CAPE PROVINCE**

Kindly find the Final Motivation Report for the proposed Richtersveld Wind Farm project with Reference Number: 12/12/20/1967/AM5. Your comments letter dated 26 June 2023 refer.

We have made sure to address your comments in our final motivation report, although it is worthwhile noting that the proposed amendments reduce the disturbance footprint area of the turbines by almost 4ha in total. The proposed amendments are for the following technical aspects:

Technical aspect	Approved	Proposed
Number of turbines	70	32
Power output per turbine	2MW – 3 MW	5 MW - 7 MW
Total project power output	210 MW	224 MW
Hub height	100 m	130 m
Rotor diameter	117 m	175 m
Vertical disturbance area	752,592m <sup>2</sup>	769,790m <sup>2</sup> (2.9% increase)
Turbine disturbance footprint (per turbine)	400m <sup>2</sup>	362m <sup>2</sup>
Total turbine disturbance footprint (all turbines)	28,000m <sup>2</sup>	11,584m <sup>2</sup>
Laydown area (per turbine)	2,500m <sup>2</sup>	3,300m <sup>2</sup>
Laydown area (all turbines)	175,000m <sup>2</sup>	105,600m <sup>2</sup>
Access roads	12m	Road reserve of 5m – 12m Internal roads during construction of 12m wide Internal roads during operation 4m – 6m
BESS	N/A	125 MW



It is also significant to note that the appointed Heritage consultant concluded in his 2022 Heritage Statement, based on previous assessments that were undertaken during 2011 and 2013 respectively, that: *“the proposed layout as it stands will not result in any significant change to the conclusions of the impact assessment that was previously undertaken. The reduction in the number of turbines and associated service roads, and the avoidance of areas containing significant archaeological sites from development is a positive outcome that has reduced the chances of impact on heritage sites.”*

Furthermore, it was confirmed by Ms Natasha Higgitt from SAHRA that the proposed project’s SAHRIS Case ID 1959 was logged and active. However, SAHRA employs the previous author of the case submitted on SAHRIS, and he is therefore prevented from further submission of documents. We are currently engaging with Ms Higgitt in this regard and will forward any comments from them as soon as we receive same.

We thank you for your time and effort with this application. Please do not hesitate to contact the writer should you require any additional information.

Yours faithfully

**Nelius Scheepers**



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