



# forestry, fisheries & the environment

Department:  
Forestry, Fisheries and the Environment  
REPUBLIC OF SOUTH AFRICA

Private Bag X 447· PRETORIA ·0001· Environment House ·473 Steve Biko Road, Arcadia· PRETORIA

**DFFE Reference:** 14/12/16/3/3/1/2555

**Enquiries:** Miss Zamalanga Langa

**Telephone:** (012) 399 9389 **E-mail:** [zlanga@dfffe.gov.za](mailto:zlanga@dfffe.gov.za)

Mr William George Price  
Enel Green Power South Africa (Pty) Ltd  
PO Box 651286  
**BENMORE**  
2010

Telephone Number: (010) 344 0220

Email Address: [Shaun.taylor@enel.com](mailto:Shaun.taylor@enel.com) / [nthabiseng.mosehle@enel.com](mailto:nthabiseng.mosehle@enel.com)

## PER EMAIL / MAIL

Dear Mr Price

**APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, ACT NO. 107 OF 1998, AS AMENDED: FOR THE PROPOSED KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) AND ASSOCIATED INFRASTRUCTURE, ON FARM DE HOOP 202, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE.**

With reference to the above application, please be advised that the Department has decided to grant authorisation. The Environmental Authorisation (EA) and reasons for the decision are attached herewith.

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 fourteen (14) days of the date of the decision as well as the provisions regarding the submission of appeals that are contained in the Regulations.

In terms of the Promotion of Administrative Justice Act, 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, 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.

Your attention is drawn to Chapter 2 of National Environmental Management Act, 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@dffe.gov.za](mailto:appeals@dffe.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@dffe.gov.za](mailto:appeals@dffe.gov.za)

Yours faithfully



**Ms Milicent Solomons**  
**Acting Chief Director: Integrated Environmental Authorisations**  
**Department of Forestry, Fisheries and the Environment**  
Date: 02/09/2022.

cc:	Ms Jo-Anne Thomas	Savannah Environmental (Pty) Ltd	Email: <a href="mailto:joanne@savannahsa.com">joanne@savannahsa.com</a>
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## forestry, fisheries & the environment

Department:  
Forestry, Fisheries and the Environment  
REPUBLIC OF SOUTH AFRICA

# Environmental Authorisation

In terms of Regulation 25 of the Environmental Impact Assessment Regulations, 2014, as amended

Karusa Battery Energy Storage System (BESS) and associated infrastructure, on Farm De Hoop 202,  
near Sutherland, Northern Cape Province

### Namakwa District Municipality

<b>Authorisation register number:</b>	<i>14/12/16/3/3/1/2555</i>
<b>Last amended:</b>	<i>First issue</i>
<b>Holder of authorisation:</b>	<i>Enel Green Power South Africa (Pty) Ltd</i>
<b>Location of activity:</b>	<i>Farm De Hoop, 202, Ward 3 of Karoo Hoogland Local Municipality</i>

This authorisation does not negate the holder of the authorisation's responsibility to comply with any other statutory requirements that may be applicable to the undertaking of the activity.

## Decision

The Department is satisfied, on the basis of information available to it and subject to compliance with the conditions of this Environmental Authorisation, that the applicant should be authorised to undertake the activities specified below.

Non-compliance with a condition of this Environmental Authorisation may result in criminal prosecution or other actions provided for in the National Environmental Management Act, Act No. 107 of 1998, as amended and the EIA Regulations, 2014, as amended.

Details regarding the basis on which the Department reached this decision are set out in Annexure 1.

## Activities authorised

By virtue of the powers conferred on it by the National Environmental Management Act, Act No. 107 of 1998, as amended and the Environmental Impact Assessment Regulations, 2014, as amended, the Department hereby authorises –

### **ENEL GREEN POWER SOUTH AFRICA (PTY) LTD**

(hereafter referred to as the **holder of the authorisation**)

with the following contact details –

Mr William George Price

Enel Green Power South Africa (Pty) Ltd

PO Box 651286

**BENMORE**

2010

Telephone Number: (010) 344 0220

Cellphone : (082) 466 6247 / 076 674 8101

Email Address: [Shaun.taylor@enel.com](mailto:Shaun.taylor@enel.com) / [nthabiseng.mosehle@enel.com](mailto:nthabiseng.mosehle@enel.com)

to undertake the following activities (hereafter referred to as "the activity") indicated in Listing Notice (ln) 1 and Listing Notice 3 of the EIA Regulations, 2014 as amended:

Activity number	Activity description
<p><u>LN 1, Item 11:</u>  <i>The development of facilities or infrastructure for the transmission and distribution of electricity –                      (i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts.</i></p>	<p>Associated infrastructure as part of the Karusa BESS development will include a powerline with a capacity of 132kV outside of urban areas.</p>
<p><u>LN 1, Item 14:</u>  <i>The development and related operation of facilities or infrastructure, for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a combined capacity of 80 cubic metres or more but not exceeding 500 cubic metres.</i></p>	<p>The proposed BESS may contain electrolyte solutions considered to be a dangerous good. Although the BESS itself is not considered to be a facility for the storage of dangerous goods (rather, the function of the BESS is to store energy), the total volume of electrolyte solution used in the BESS may exceed 80m<sup>3</sup> but will be less than 500m<sup>3</sup>.</p> <p>No stand-alone facilities for the storage of dangerous goods external to the BESS will be developed.</p>
<p><u>LN 1, Item 24:</u>  <i>The development of a road                      (ii) with a reserve wider than 13.5 meters, or where no reserve exists where the road is wider than 8 metres.</i></p>	<p>Access roads to the BESS branching off to the existing roads will be up to 10m in width and approximately 70m long). Internal roads will be up to 8m wide.</p>
<p><u>LN 1, Item 27:</u>  <i>The clearance of an area of 1 hectare or more, but less than 20 hectares of indigenous vegetation.</i></p>	<p>Up to 6 ha of indigenous vegetation will be cleared to accommodate the development of the BESS and associated facilities (such as laydown area, access road and MV cabling,</p>

	<p>MV/HV substation and HV cabling to connect the BESS to the Hidden Valley substation).</p>
<p><u>LN 1, Item 28:</u>                  Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 01 April 1998 and where such development:                  (ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare.</p>	<p>The site could potentially be zoned under agriculture and therefore may be a need to apply for re-zoning.</p>
<p><u>LN 3, Item 04:</u>  <i>The development of a road wider than 4 metres with a reserve less than 13,5 metres.</i>                  g. Northern Cape                  ii. Outside urban areas:                  (ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p>	<p>Access roads to the BESS (10m in width, approximately 70m long) branching off of the existing roads, and internal roads (up to 8m wide) to be located within the total BESS footprint area. It is anticipated that the road to the BESS will branch off from the authorised Karusa Wind Energy Facility access roads. The project area is located within CBA1.</p>
<p><u>Listing Notice 3, Item 10:</u>  <i>The development and related operation of facilities or infrastructure, for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a combined capacity of 30 cubic metres or more but not exceeding 80 cubic meters.</i>                  g. Northern Cape                  iii. Outside urban areas:                  (ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.</p>	<p>The proposed BESS may contain electrolyte solutions considered to be a dangerous good. Although the BESS itself is not considered to be a facility for the storage of dangerous goods (rather, the function of the BESS is to store energy), the total volume of electrolyte solution used in the BESS within the CBA area may exceed 30m<sup>3</sup> but will be less than 80m<sup>3</sup>.</p> <p>No stand-alone facilities for the storage of dangerous goods external to the BESS will be developed.</p>

<p><u>Listing Notice 3, Item 12:</u>  <i>The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan.</i>                  g. Northern Cape                  ii. Within critical biodiversity areas identified in bioregional plans;</p>	<p>Up to 6ha of vegetation will be cleared to accommodate the development of the BESS and associated facilities (including but not limited to access and internal roads and MV cabling, MV/HV substation and HV cabling to connect the BESS to the Hidden Valley substation etc.). The site is located within a Critical Biodiversity Area as indicated in the Northern Cape CBA/ESA map (Northern Cape Provincial Biodiversity Sector Plan).</p>
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as described in the Basic Assessment Report (BAR) dated July 2022

**Farm Name:**

Portion 0 Farm De Hoop 202

**SG 21 Codes:**

C	0	7	2	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0
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**BESS Co-ordinates**

Co-ordinates	Latitude	Longitude
P1	32° 49'3.85"S	20°38'3.31"E
P2	32°49'6.57"S	20°38'9.07" E
P3	32°49'9.18"S	20°38'7.06"E
P4	32°49'12.26"S	20°38'6.49"E
P5	32°49'11.38"S	20°37'55.80"E
P6	32°49'6.96"S	20°37'55.70"E
P7	32°49'6.41"S	20°38'1.10"E

**Powerline Co-ordinates**

Co-ordinates LILO	Latitude	Longitude
Start	32°49'4.05"S	20°38'3.01"E
Middle	32°48'48.34"S	20°37'39.48"E
End	32°48'37.11"S	20°37'21.83"E

**Substation Co-ordinates**

Co-ordinates	Latitude	Longitude
BESS Step Up MV-HV Substation	32°49'5.32"S	20°38'3.35"E

- for the Karusa battery energy storage system (BESS) and associated infrastructure, on Farm De Hoop 202, near Sutherland, northern cape province hereafter referred to as "the property".

The project will consist of the following infrastructure:

- A BESS with a capacity of up to 2 000 MWh inside containers with a footprint of up to 6ha in extent and a maximum height of 3m. Both lithium-ion and Redox-flow technology are being considered for the project, depending on which is most feasible at the time of implementation.
- Access roads to the BESS (10m in width approximately 70m long) branching off to the existing roads, and internal roads (up to 8m wide) to be located within the total BESS footprint area.
- 33kV MV cabling between the BESS and the MV/HV substation and up to 132kV HV cabling to the HV substation.
- Fencing around the BESS for increased security measures.
- Up to 132kV overhead or underground power line to be connected to the existing Hidden Valley Substation.
- Temporary laydown area to be located within the BESS footprint.
- Firebreak to be located within the BESS footprint.
- A Substation with a maximum height of - HV bus-bar up to 10 m max and an HV Building up to 4 m max.

Technical details of proposed project will include:

Infrastructure	Footprint, dimensions and details
Technology	Lithium-Ion or Redox-flow technology
BESS footprint	Up to 6ha in total extent, including foundation and containerised battery system and an MV/HV substation
Capacity	Capacity of up to 2 000MWh



Access road to the BESS	This will branch off from the existing roads and will be 10m wide and approximately 70m long, with internal roads of up to 8m wide within the BESS footprint
Medium Voltage Cabling	33kV MV cabling between the BESS and the MV/HV substation
High Voltage Cabling	Up to 132kV HV cabling to the HV substation
Underground cabling depth	Maximum of 1.5 – 1.8m
Length of power line	Up to 1.6km
Height of power line towers	Up to 40m maximum
Substation height	HV bus-bar up to 10m max – HV Building up to 4m max
Fencing	Fencing around the entire footprint of the BESS will be installed for access restriction and security measures.
Laydown Area	Up to 10. 000 sqm (1 ha) to be located within the 6ha BESS footprint
Power line Corridor	The corridor will be 100 m wide in total (50 m either side of the centre line)
Buffer around the substation	A 200 m buffer is proposed around the Hidden Valley substation
Buffer around the BESS site	A 200 m buffer is proposed around the BESS site

## Conditions of this Environmental Authorisation

### Scope of authorisation

1. The preferred alternative (Alternative 1), for the construction and operation of a Battery Energy Storage System (BESS) and associated grid infrastructure in the proximity of the Karusa Wind Energy Facility (WEF) 45km south of the town of Sutherland along the R354 and 47km northwest of the town of Laingsburg along the R323 in the Northern Cape Province is approved as per the geographic coordinates cited in the table of co-ordinates above.
2. Authorisation of the activity is subject to the conditions contained in this Environmental Authorisation, which form part of the Environmental Authorisation and are binding on the holder of the authorisation.
3. The holder of the authorisation is responsible for ensuring compliance with the conditions contained in this Environmental Authorisation. This includes any person acting on the holder's behalf, including but not limited to, an agent, servant, contractor, sub-contractor, employee, consultant or person rendering a service to the holder of the authorisation.

4. The activities authorised may only be carried out at the property as described above.
5. Any changes to, or deviations from, the project description set out in this Environmental Authorisation must be approved, in writing, by the Department before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the authorisation to apply for further Environmental Authorisation in terms of the regulations.
6. The holder of an Environmental Authorisation must apply for an amendment of the Environmental Authorisation with the Competent Authority for any alienation, transfer or change of ownership rights in the property on which the activity is to take place.
7. This activity must commence within a period of ten (10) years from the date of issue of this Environmental Authorisation. If commencement of the activity does not occur within that period, the authorisation lapses and a new application for Environmental Authorisation must be made in order for the activity to be undertaken.
8. Construction must be completed within five (05) years of the commencement of the activity on site

#### **Notification of authorisation and right to appeal**

9. The holder of the authorisation must notify every registered interested and affected party, in writing and within 14 (fourteen) calendar days of the date of this Environmental Authorisation, of the decision to authorise the activity.
10. The notification referred to must –
  - 10.1. specify the date on which the authorisation was issued;
  - 10.2. inform the interested and affected party of the appeal procedure provided for in the National Appeal Regulations, 2014;
  - 10.3. advise the interested and affected party that a copy of the authorisation will be furnished on request;  
and
  - 10.4. give the reasons of the Competent Authority for the decision.

#### **Commencement of the activity**

11. The authorised activity shall not commence until the period for the submission of appeals has lapsed as per the National Appeal Regulations, 2014, and no appeal has been lodged against the decision. In terms of Section 43(7), an appeal under Section 43 of the National Environmental Management Act, Act No. 107 of 1998, as amended 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 has been finalised.

### **Management of the activity**

12. The site layout plans as attached as Appendix M of the BAR dated July 2022 is approved.
13. The Environmental Management Programme (EMPr) submitted as part of the BAR dated July 2022 is approved and must be implemented and adhered to.
14. The EMPr must be implemented and strictly enforced during all phases of the project. It shall be seen as a dynamic document and shall be included in all contract documentation for all phases of the development when approved.
15. Changes to the approved EMPr must be submitted in accordance to the EIA Regulations applicable at the time.
16. The Department reserves the right to amend the approved EMPr should any impacts that were not anticipated or covered in the FBAR be discovered.

### **Frequency and process of updating the EMPr**

17. The EMPr must be updated where the findings of the environmental audit reports, contemplated in Condition 24 below, indicate insufficient mitigation of environmental impacts associated with the undertaking of the activity, or insufficient levels of compliance with the environmental authorisation or EMPr.
18. The updated EMPr must contain recommendations to rectify the shortcomings identified in the environmental audit report.
19. The updated EMPr must be submitted to the Department for approval together with the environmental audit report, as per Regulation 34 of the EIA Regulations, 2014 as amended. The updated EMPr must have been subjected to a public participation process, which process has been agreed to by the Department, prior to submission of the updated EMPr to the Department for approval.
20. In assessing whether to grant approval of an EMPr which has been updated as a result of an audit, the Department will consider the processes prescribed in Regulation 35 of the EIA Regulations, 2014 as amended. Prior to approving an amended EMPr, the Department may request such amendments to the EMPr as it deems appropriate to ensure that the EMPr sufficiently provides for avoidance, management and mitigation of environmental impacts associated with the undertaking of the activity.

21. The holder of the authorisation must apply for an amendment of an EMPr, if such amendment is required before an audit is required. The amendment process is prescribed in Regulation 37 of the EIA Regulations, 2014, as amended. The holder of the authorisation must request comments on the proposed amendments to the impact management outcomes of the EMPr or amendments to the closure objectives of the closure plan from potentially interested and affected parties, including the competent authority, by using any of the methods provided for in the Act for a period of at least 30 days.

## **Monitoring**

22. The holder of the authorisation must appoint an experienced Environmental Control Officer (ECO) for the construction phase of the development that will have the responsibility to ensure that the mitigation/rehabilitation measures and recommendations referred to in this environmental authorisation are implemented and to ensure compliance with the provisions of the approved EMPr.
- 22.1. The ECO must be appointed before commencement of any authorised activities.
- 22.2. Once appointed, the name and contact details of the ECO must be submitted to the *Director: Compliance Monitoring* of the Department.
- 22.3. The ECO must keep record of all activities on site, problems identified, transgressions noted and a task schedule of tasks undertaken by the ECO.
- 22.4. The ECO must remain employed until all rehabilitation measures, as required for implementation due to construction damage, are completed and the site is ready for operation.

## **Recording and reporting to the Department**

23. All documentation e.g. audit/monitoring/compliance reports and notifications, required to be submitted to the Department in terms of this environmental authorisation, must be submitted to the *Director: Compliance Monitoring* of the Department.
24. The holder of the environmental authorisation must, for the period during which the environmental authorisation and EMPr remain valid, ensure that project compliance with the conditions of the environmental authorisation and the EMPr are audited, and that the audit reports are submitted to the *Director: Compliance Monitoring* of the Department.
25. The frequency of auditing and of submission of the environmental audit reports must be as per the frequency indicated in the EMPr, taking into account the processes for such auditing as prescribed in Regulation 34 of the EIA Regulations, 2014 as amended.

26. The holder of the authorisation must, in addition, submit environmental audit reports to the Department within 30 days of completion of the construction phase (i.e. within 30 days of site handover) and a final environmental audit report within 30 days of completion of rehabilitation activities.
27. The environmental audit reports must be compiled in accordance with Appendix 7 of the EIA Regulations, 2014 as amended and must indicate the date of the audit, the name of the auditor and the outcome of the audit in terms of compliance with the environmental authorisation conditions as well as the requirements of the approved EMPr.
28. Records relating to monitoring and auditing must be kept on site and made available for inspection to any relevant and competent authority in respect of this development.

#### **Notification to authorities**

29. A written notification of commencement must be given to the Department no later than fourteen (14) days prior to the commencement of the activity. Commencement for the purposes of this condition includes site preparation. The notice must include a date on which it is anticipated that the activity will commence, as well as a reference number.

#### **Operation of the activity**

30. A written notification of operation must be given to the Department no later than fourteen (14) days prior to the commencement of the activity operational phase.

#### **Site closure and decommissioning**

31. Should the activity ever cease or become redundant, the holder of the authorisation must undertake the required actions as prescribed by legislation at the time and comply with all relevant legal requirements administered by any relevant and Competent Authority at that time.

#### **Specific conditions**

32. No activities will be allowed to encroach into a water resource without a water use authorisation being in place from the Department of Water and Sanitation.
33. No exotic plants may be used for rehabilitation purposes. Only indigenous plants of the area may be utilised.

34. Should any archaeological sites, artefacts, paleontological fossils or graves be exposed during construction work, work in the immediate vicinity of the find must be stopped, SAHRA must be informed, and the services of an accredited heritage professional obtained for an assessment of the heritage resources must be made.
35. Construction must include design measures that allow surface and subsurface movement of water along drainage lines so as not to impede natural surface and subsurface flows. Drainage measures must promote the dissipation of storm water run-off.
36. An integrated waste management approach must be implemented that is based on waste minimisation and must incorporate reduction, recycling, re-use and disposal where appropriate. Any solid waste must be disposed of at a landfill licensed in terms of Section 20 (b) of the National Environment Management Waste Act, 2008 (Act No.59 of 2008).
37. The holder of Environmental Authorisation must prevent the occurrence of nuisance conditions or health hazards.
38. No effluent must be discharged into any storm water drain or furrow, whether by commission or by omission.

#### **General**

39. A copy of this Environmental Authorisation, the audit and compliance monitoring reports, and the approved EMPr, must be made available for inspection and copying-
  - 39.1. at the site of the authorised activity;
  - 39.2. to anyone on request; and
  - 39.3. where the holder of the Environmental Authorisation has a website, on such publicly accessible website.
40. National government, provincial government, local authorities or committees appointed in terms of the conditions of this authorisation or any other public authority shall not be held responsible for any damages or losses suffered by the holder of the authorisation or his/her successor in title in any instance where construction or operation subsequent to construction be temporarily or permanently stopped for reasons of non-compliance by the holder of the authorisation with the conditions of authorisation as set out in this document or any other subsequent document emanating from these conditions of authorisation.

Date of Environmental Authorisation: 09/09/2022.

Millicent Solomons

**Ms Millicent Solomons**

**Acting Chief Director: Integrated Environmental Authorisations**

**Department of Forestry, Fisheries and the Environment**

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## Annexure 1: Reasons for Decision

### 1. Information considered in making the decision

In reaching its decision, the Department took, *inter alia*, the following into consideration -

- a) The listed activities as applied for in the application form received on 23 May 2022.
- b) The information contained in the BAR dated July 2022.
- c) The recommendations made by the EAP in the BAR dated July 2022.
- d) Mitigation measures as proposed in the BAR and the EMPr.
- e) The information contained in the specialist studies contained within the appendices of the BAR dated July 2022 and as appears below:

### Key factors considered in making the decision

All information presented to the Department was taken into account in the Department's consideration of the application. A summary of the issues which, in the Department's view, were of the most significance is set out below.

- a) The findings of all the specialist studies conducted and their recommended mitigation measures.
- b) This project will assist in supporting the local and national electricity supply through its contribution to the National Eskom Grid as a result of the support provided in extending the operational period of the wind farm. The project will also assist in minor local job creation which will help achieve IDP objectives and boost revenue returns for the local and regional economy.
- c) The BAR dated July 2022 identified all legislation and guidelines that have been considered in the preparation of the BAR.
- d) The methodology used in assessing the potential impacts identified in the BAR dated July 2022 and the specialist studies have been adequately indicated.
- e) A sufficient public participation process was undertaken and the applicant has satisfied the minimum requirements as prescribed in the EIA Regulations, 2014 as amended for public involvement.

### 2. Findings

After consideration of the information and factors listed above, the Department made the following findings -

- a) The identification and assessment of impacts are detailed in the BAR dated July 2022 and sufficient assessment of the key identified issues and impacts have been completed.

- b) The procedure followed for impact assessment is adequate for the decision-making process.
- c) The information contained in the BAR dated July 2022 is deemed to be accurate and credible.
- d) The proposed mitigation of impacts identified and assessed adequately curtails the identified impacts.
- e) EMPr measures for the pre-construction, construction and rehabilitation phases of the development were proposed and included in the BAR and will be implemented to manage the identified environmental impacts during the construction phase.

In view of the above, the Department is satisfied that, subject to compliance with the conditions contained in the environmental authorisation, the authorised activities will not conflict with the general objectives of integrated environmental management laid down in Chapter 5 of the National Environmental Management Act, 1998 and that any potentially detrimental environmental impacts resulting from the authorised activities can be mitigated to acceptable levels. The environmental authorisation is accordingly granted.





## forestry, fisheries & the environment

Department:  
Forestry, Fisheries and the Environment  
REPUBLIC OF SOUTH AFRICA

Private Bag X447 PRETORIA 0001 Environment House · 473 Steve Biko Road, Arcadia· PRETORIA  
Tel:(+27 12) 398 9000  
Enquiries: Devnagie Bendeman Telephone: 012 399 9337 E-mail: [vbendeman@ddfe.gov.za](mailto:vbendeman@ddfe.gov.za)

Ms. Milicent Solomons  
Director: Prioritized Infrastructure Projects

Dear Mrs Solomons

### APPOINTMENT AS ACTING CHIEF DIRECTOR: INTEGRATED ENVIRONMENTAL AUTHORIZATIONS FOR THE PERIOD OF 25 APRIL 2022 UNTIL 31 OCTOBER 2022

I hereby inform you that I have decided to appoint you as the Acting Chief Director: Integrated Environmental Authorizations for the period of 25 April to 31 October 2022 whilst Mr Sabelo Mafaza is fulfilling his temporary reassignment function at the Forestry Branch.

All the correspondence and other documents that are usually signed by the Chief Director: Integrated Environmental Authorizations must be signed under Acting Chief Director: Integrated Environmental Authorizations during the above-mentioned period.

Your appointment in the above acting position remains subject to the provisions of the Public Service Act, 1994 (Proclamation No. 103 of 1994), as amended, the Government Employees Pension Fund Act, 1996 (Proclamation No. 21 of 1996), the regulations promulgated under these Acts and relevant circulars.

In the execution of your duties and the exercising of the powers delegated to you, you will furthermore be subjected to the provisions of the Public Finance Management Act, compliance with the Promotion of Access to Information Act, Promotion of Administrative Justice Act, the Minimum Information Security Standard, Departmental Policies and other applicable legislations with the Republic of South Africa. You are therefore advised to make yourself familiar with the provisions of these legislations and policies and the amendments thereof. (Copies of Departmental policies can be obtained from the Human Resource Office).

Please accept my heartfelt gratitude for all your assistance on behalf of the department.

Yours sincerely

Ms Devnagie Bendeman  
Deputy Director-General: RCSM (Regulatory Compliance and  
Sector Monitoring)

Date 20 April 2022

#### ACKNOWLEDGEMENT

I ACCEPT / ~~DO NOT ACCEPT~~  
appointment as Acting Chief  
Director: Integrated Environmental  
Authorizations

Signed:

Date: 20/04/2022