



**destea**

department of  
economic, small business development,  
tourism and environmental affairs  
FREE STATE PROVINCE

## Environmental Authorisation

**Authorisation register number:** EMB/11(1)/20/10

**Holder of Authorisation:** Renergen Pty Ltd

**Property description:** The new powerline will cross over 5 properties (Mond van Doornrivier 038, Palmietkuil 328, Kalkoenkrans 225, Annex Glen Ross 562 Ptn 1, Annex Glen Ross 562 Ptn 4)

**Listed activity description:** Activity 11(1) of Listing Notice 1 (GNR 983)

**Project description:** Proposed 33KV powerline for TETRA 4 Operational plant



Chief-Directorate:  
Private Bag X 20801  
Bloemfontein  
9300

Environmental Quality & Protection  
Tel +27 (0)51 400 4917  
e-mail: [nkoen@destea.gov.za](mailto:nkoen@destea.gov.za)

[www.edtea.fs.gov.za](http://www.edtea.fs.gov.za)

## Decision

The Department of Economic, Small Business Development, Tourism and Environmental Affairs (DESTEA- 'the Department') is satisfied, on the basis of information available to it and subject to compliance with the conditions of this Environmental Authorisation (EA), that the applicant should be authorised to undertake the activity specified below.

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

## Activity authorised

By virtue of the powers conferred on it by the National Environmental Management Act ('NEMA'), 1998 (Act No. 107 of 1998) and GNR 982 of 8 December 2014 Environmental Impact Assessment Regulations as amended, the Department hereby authorise –

**Renergen Pty Ltd** with the following contact details-

**1 Bompas Road  
Dunkeld  
2196**

**Contact person:** Robert Katzke

**Tel no:** 010 045 6000

**Cell:** 073 251 8255

**E-mail:** robert@renergen.co.za

To undertake the following activity (hereafter referred to as "the activity") indicated in Listing Notice 1 (GNR 983) Activity 11(1) as prescribed in the Basic Assessment Report (BAR).

## Site coordinates:

Start Beatrix substation:

**Latitude (S):**            **Longitude (E):**  
28° 11'23, 97"            26°43'24, 50"



**Chief-Directorate:**  
Private Bag X 20801  
Bloemfontein  
9300

**Environmental Quality & Protection**  
Tel +27 (0)51 400 4917  
Fax +27 (0)51 400 4842  
e-mail: nkoen@detea.fs.gov.za

End at TETRA 4 operation area:

<b>Latitude (S)</b>	<b>Longitude (E)</b>
28°07'38, 16"	26°43'13.21, 56"

## **Project description**

The proposed construction of a new 33KV powerline for TETRA 4 operational plant in Welkom/Virginia, Free State Province.

The granting of this EA is subject to the conditions set out below.

## **Conditions**

### **Scope of Authorisation**

- 1.1 Authorisation of the activity is subject to the conditions contained in this document. These conditions forms part of the EA and are binding on the holder of the Authorisation.
- 1.2 The holder of the Authorisation shall be responsible for ensuring compliance with the conditions by any person acting on his or her behalf, including but not limited to, an agent, sub-contractor, employee or person rendering a service to the holder of the Authorisation.
- 1.3 The authorised activity may only be carried out at the 5 properties namely (Mond van Doornrivier 038, Palmietkuil 328, Kalkoenkrans 225, Annex Glen Ross 562 Ptn 1, Annex Glen Ross 562 Ptn 4) on the exact site co-ordinates as stipulated in the BAR.
- 1.4 Any changes to, or deviations from, the project description set out in this Authorisation must be approved, in writing, by the Department before such changes or deviations commence.
- 1.5 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 which may result in the holder of the Authorisation to apply for further Authorisation in terms of NEMA.

Chief-Directorate:  
Private Bag X 20801  
Bloemfontein  
9300

**Environmental Quality & Protection**  
Tel +27 (0)51 400 4917  
Fax +27 (0)51 400 4842  
e-mail: nkoen@detea.fs.gov.za

**HEAD OF DEPARTMENT**  
Department of Economic,  
Small Business Development,  
& Tourism Environmental Affairs

2021 -02- 02

Private Bag X20801  
Bloemfontein 9300

[www.edtea.fs.gov.za](http://www.edtea.fs.gov.za)



- 1.6 If commencement of the activity does not occur within a period of 3 (three) years from the date of issue, the Authorisation lapses and a new application for an EA must be lodged.
- 1.7 This Authorisation does not negate the holder of the Authorisation, responsibility to comply with any other statutory requirements that may be applicable to the undertaking of this particular activity.

## **Appeal of Authorisation**

- 1.8 The holder of the Authorisation must notify the registered interested and affected parties, of the decision by the Department in writing and within 14 (fourteen) calendar days of the date of this EA,
- 1.9 The notification referred must –
- 1.9.1 specify the date on which the Authorisation was issued;
  - 1.9.2 inform the registered interested and affected party of the appeal procedure provided for in National Appeal Regulations published in Government Gazette No. 38559 of 12 March 2015.
  - 1.9.3 advise the registered interested and affected parties that a copy of the Authorisation will be furnished on request; and
  - 1.9.4 provide the reasons for the decision.
- 1.10 A person affected by the decision who wishes to appeal against the decision must lodge an appeal with the MEC of the Department of Economic, Small Business Development, Tourism and Environmental Affairs (DESTEa). An appeal should be directed to:

**MEC (DESTEa)**

**Private Bag X20801**

**Bloemfontein**

**9300**

**Tel: (051) 400 4714**

**E-mail: molotsit@destea.gov.za**



**An appeal not submitted to the MEC (DESTEa) will not be regarded as valid.**

Chief-Directorate:  
Private Bag X 20801  
Bloemfontein  
9300

Environmental Quality & Protection  
Tel +27 (0)51 400 4917  
Fax +27 (0)51 400 4842  
e-mail: nkoen@detea.fs.gov.za

- 1.11 The applicant shall not commence with the proposed activity once an appeal has been lodged with the office of the MEC.

## **Management of the activity**

- 1.12 The Environmental Management Programme (EMPr) submitted as part of application for an EA is hereby approved.
- 1.13 The provisions of the EMPr included in the BAR are an extension to the conditions of Authorisation, and non-compliance with the conditions of the EMPr would accordingly constitute non-compliance with the conditions of this Authorisation.
- 1.14 Should there be a change of ownership and/or project developer, the Department must be notified within 30 (thirty) days prior to the change itself. Conditions imposed in this EA must be made known to the new owner and/or developer and are binding on the new owner and/or developer.
- 1.15 The recommendations and mitigation measures recorded in the BAR must be adhered to and incorporated as part of the EMPr where applicable.
- 1.16 Any updates or amendments to the EMPr must be submitted to the Department of Economic, Small Business Development, Tourism and Environmental Affairs and must be decided upon within a period of 30 days of the submission.

## **Monitoring**

- 1.17 The applicant must appoint a suitably 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 Authorisation are implemented and to ensure compliance with the provisions of the EMPr.
- 1.18 The ECO shall be appointed before commencement of any construction activity.
- 1.19 The ECO shall keep record of all activities on site, problems identified, transgressions noted and a task schedule of tasks undertaken by the ECO.

Chief-Directorate:  
Private Bag X 20801  
Bloemfontein  
9300

Environmental Quality & Protection  
Tel +27 (0)51 400 4917  
Fax +27 (0)51 400 4842  
e-mail: nkoen@detea.fs.gov.za



- 1.20 The ECO shall remain employed until all rehabilitation measures, as required for implementations due to construction damage are completed and the site is ready for operation.
- 1.21 Records relating to monitoring must be kept on site and made available for inspection to any relevant and competent authority in respect of this activity.
- 1.22 Construction and operation of the activity may be temporarily or permanently stopped for reasons of non-compliance with the conditions of this particular EA as set out in this document or any other subsequent document emanating from the conditions of this EA.

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

- 1.23 The applicant must appoint an independent auditor to conduct an environmental audit to ensure that the conditions, mitigation measures and recommendations stipulated in this EA are complied with. The environmental audit report must –
  - 1.23.1 indicate the date of the audit, the name of the auditor and the outcome of the audit in terms of compliance with the EA conditions as well as the corrective action plan and implementation programme.
  - 1.23.2 be kept on site and be made available for inspection by any relevant and competent authority in respect of this activity.

### **Commencement of the activity**

- 1.24 The authorised activity shall not commence within twenty (20) days of the date of notification of registered Interested and Affected parties of the decision on the EA.
- 1.25 Should you be notified by the MEC of a suspension of the Authorisation pending appeal procedures, you shall not commence with the activity unless authorised by the MEC in writing.



Chief-Directorate:  
Private Bag X 20801  
Bloemfontein  
9300

Environmental Quality & Protection  
Tel +27 (0)51 400 4917  
Fax +27 (0)51 400 4842  
e-mail: nkoen@detea.fs.gov.za

[www.edtea.fs.gov.za](http://www.edtea.fs.gov.za)

## Notification to authorities

- 1.26 Fourteen (14) days prior written notice must be given to the Department that the activity will commence. Commencement for the purposes of this condition includes site preparation. The notice must include a date on which the construction of the activity will commence.

## Operation

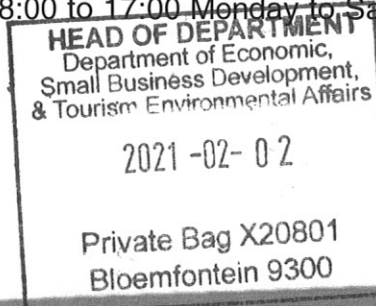
- 1.27 Fourteen (14) days prior written notice must be given to the Department that the activity will commence with the operation.

## Specific conditions

- 1.28 An integrated waste management approach that is based on waste minimisation must be implemented and must incorporate reduction, recycling, re-use and disposal where appropriate. Any solid waste shall 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) as amended.
- 1.29 The removal of rubble and solid waste must be from site on a daily basis to a handling area at the site offices before being disposed of at a registered municipal waste disposal site.
- 1.30 No burning or burying of any waste 'paper' or other items of waste anywhere in the receiving environment.
- 1.31 Mobile ablution/toilet units at the site offices and at the actual construction site with servicing/sanitizing must take place at least once a week and such should be disposed of at an approved Municipal Waste Water Treatment Works only.
- 1.32 Generation of noise will mostly take place during the construction phase and work will only take place during the hours of 08:00 to 17:00 Monday to Saturday with no work on a Sunday.

Chief-Directorate:  
Private Bag X 20801  
Bloemfontein  
9300

Environmental Quality & Protection  
Tel +27 (0)51 400 4917  
Fax +27 (0)51 400 4842  
e-mail: nkoen@detea.fs.gov.za



[www.edtea.fs.gov.za](http://www.edtea.fs.gov.za)

- 1.33 Dust generation will mostly take place during construction and dirt road and access ways must be watered down to prevent the formation of dust and dust settling on vegetation or becoming irritant to humans.
- 1.34 Access must only be via pre-arranged farm gates and specific routes and not via fences either through or over.
- 1.35 Construction and the planning of a construction route must follow the reserves rather than dissection agricultural land causing additional obstructions.
- 1.36 The major part of the powerline must follow the road reserve area before entering the mine land and then follow the fence line within the area.
- 1.37 The area is void of any heritage or cultural aspects. However should any bones or artefacts be uncovered during the excavation of the pylon foundations then South African Heritage Resource Agency (SAHRA) must be notified immediately.
- 1.38 Where the powerline runs within the road reserve, the requirements of the national roads agency SANRAL must be applicable.
- 1.39 The areas as indicated on Figure 24 in the Avifauna and fauna specialist report must be marked with bird deterrent devices.
- 1.40 Default marking devices to be used must include the double loop bird flight diverters and dynamic devices (e.g. the viper live bird flappers).
- 1.41 All road networks must be planned with care to minimise dissection or fragmentation of important avifaunal habitat type, where possible use of existing roads is encouraged.
- 1.42 All the recommendations & mitigation measures stipulated under Avifauna & fauna specialist report must be fully adhered to.
- 1.43 The most important mitigation measure for visual impact is planning and design in such that the transmission line is placed in a manner that the visual intrusion is either avoided or limited as far as possible, therefore this must be adhered to.
- 1.44 It is important that during construction phase the short term visual disturbance must be kept to a minimum and that any such disturbance is adequately rehabilitated such that no long term disturbance remains.
- 1.45 The general mitigation measures are also included as part of the Visual Impact Assessment must be adhered to.

Chief-Directorate:  
Private Bag X 20801  
Bloemfontein  
9300

Environmental Quality & Protection  
Tel +27 (0)51 400 4917  
Fax +27 (0)51 400 4842  
e-mail: nkoen@detea.fs.gov.za

**HEAD OF DEPARTMENT**  
Department of Economic,  
Small Business Development,  
& Tourism Environmental Affairs

2021-02-02

Private Bag X20801  
Bloemfontein 9300

[www.edtea.fs.gov.za](http://www.edtea.fs.gov.za)



- 1.46 As per the Vegetation Assessment option A must be preferred as it keeps to the transformation associated with the mining activities, and it is also the shorter route.
- 1.47 The new sub-station that will be installed at the TETRA 4 operational plant to serve the needs of the plant operation must fully adhere to the NEMA and the 2014 EIA Regulations as amended.

## **General**

- 1.48 A copy of this particular EA must be kept at the property where the activity will be undertaken. The Authorisation must be produced to any authorised official of the Department who requests to see it and must be made available for inspection by any employee or agent of the holder of the Authorisation who works or undertakes work at the property.
- 1.49 Where any of the applicant's contact details change, including the name of the responsible person, the physical or postal address and/or telephonic details, the applicant must notify the Department as soon as the new details become known to the applicant.
- 1.50 The holder of the Authorisation must notify the Department, in writing within 48 (forty eight) hours, if any condition of this Authorisation cannot be or is not adhered to. Any notification in terms of this condition must be accompanied by reasons for the non-compliance.
- 1.51 Non-compliance with a condition of this Authorisation may result in criminal prosecution or other actions provided for in the National Environmental Management Act, 1998 and the regulations.
- 1.52 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 applicant or his successor in title in any instance where operation be temporarily or permanently stopped for reasons of non-compliance by the applicant with the conditions of Authorisation as set out in this document or any other subsequent document emanating from these conditions of the Authorisation.

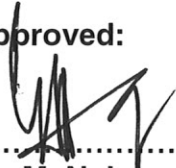
Chief-Directorate:  
Private Bag X 20801  
Bloemfontein  
9300

Environmental Quality & Protection  
Tel +27 (0)51 400 4917  
Fax +27 (0)51 400 4842  
e-mail: nkoen@detea.fs.gov.za



- 1.53 The applicant is responsible for compliance with the provisions for Duty-of-Care and remediation of damage contained in Section 28 and emergency incidents contained in Section 30 of the National Environmental Management Act, (Act no 107) of 1998.
- 1.54 Emergency and reporting of incidents as stipulated in Section 30 of NEMA (Act 107 of 1998) must be followed accordingly.

Approved:

  
.....  
Dr. M. Nokwequ

  
.....  
Date:

**HOD: Department of Economic, Small Business Development, Tourism and Environmental Affairs (DESTEA)**



## **Annexure 1: Reasons for Decision**

### **1. Background**

The applicant, Renergen Pty Ltd, applied for an Authorisation to commence with the activity under Listing Notice 1 (GNR 983), Activity 11(1) of the 2014 EIA Regulations as amended and also as prescribed in the BAR for the proposed construction of a new 33KV powerline for TETRA 4 operational plant in Welkom/Virginia, Free State Province. The applicant appointed Green Environmental Consulting Services to undertake Environmental Impact Assessment process.

### **2. Information considered in making the decision**

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

- a) The information contained in the BAR completed by Green Environmental Consulting Services and the accompanying EMPr.
- b) Mitigation measures as proposed in the BAR and the EMPr.
- c) The objectives and requirements of relevant legislation, policies and guidelines and Section 2 of the National Environmental Management Act, 1998 (Act No. 107 of 1998).
- d) The findings of the site visit were undertaken by Ms. B. Mogorosi from the Department of Economic, Small Business Development, Tourism and Environment Affairs.

### **3. 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. Factors considered in making the decision are the following:

- a) Avifauna & fauna
- b) Visual impact
- c) noise



#### 4. Findings

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

- (a) The areas as indicated on Figure 24 in the Avifauna and fauna specialist report will be marked with bird deterrent devices.
- (b) It is important that during construction phase the short term visual disturbance will be kept to a minimum and that any such disturbance is adequately rehabilitated such that no long term disturbance remains.
- (c) Noise will mostly take place during the construction phase and work will only take place during the hours of 08:00 to 17:00 Monday to Saturday with no work on a Sunday.

In view of the above, the Department is satisfied that, subject to compliance with the conditions contained in the Environmental Authorisation, the proposed activities will not conflict with the general objectives of integrated environmental management laid down in Chapter 5 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) and that any potential detrimental environmental impacts resulting from the proposed activities can be mitigated to acceptable levels, therefore the application is accordingly granted.

