



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: 14/12/16/3/3/1/2570

Enquiries: Mr Lunga Dlova

Telephone: (012) 399 8524 **E-mail:** ldlova@dfffe.gov.za

Ms Mercia Grimbeek
ENERTRAG South Africa Pty (Ltd)
Suite 104, Albion Springs
183 Main Road
Rondebosch
CAPE TOWN
South Africa
7700

Telephone Number: 021 207 2185
Cellphone Number: 078 299 3515
Email Address: Mercia.Grimbeek@enertrag.com

PER EMAIL / MAIL

Dear Ms Grimbeek

APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, ACT NO. 107 OF 1998, AS AMENDED: FOR THE DEVELOPMENT OF JESSA Z GRID CONNECTION AND ASSOCIATED INFRASTRUCTURE NEAR BEAUFORT WEST WITHIN THE BEAUFORT WEST LOCAL MUNICIPALITY, CENTRAL KAROO DISTRICT MUNICIPALITY IN THE WESTERN 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 14 (fourteen) 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;

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 or request a copy of the documents at appeals@dffe.gov.za.

Yours faithfully



Mr Vusi Skosana
Acting Chief Director: Integrated Environmental Authorisations
Department of Forestry, Fisheries and the Environment
Date: *26 September 2022*

cc:	Stuart Heather-Clark	SLR Consulting (South Africa) (Pty) Ltd	Email: shclark@slrconsulting.com
	Adri.La Meyer	Western Cape Department of Environmental Affairs and Development Planning (WC DEADP)	Email: Adri.LaMeyer@westerncape.gov.za
	Denwin van Turha	Beaufort West Local Municipality	Email: denwint@beaufortwestmun.co.za



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

The development of Jessa Z grid connection and associated infrastructure near Beaufort West within the Beaufort West Local Municipality in the Western Cape Province

Central Karoo District Municipality

Authorisation register number:	14/12/16/3/3/1/2570
Last amended:	First issue
Holder of authorisation:	ENERTRAG South Africa Pty (Ltd)
Location of activity:	Remaining Extent / Portion 0 of Beaufort West Road 432; Portion 10 of Farm of Weltevreden No. 170; Portion 0, 1, 5, 6, 7 of Farm Boeteka 319 in Ward 6 within the Beaufort West Local Municipality, Central Karoo District Municipality in the Western Cape Province.

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 –

ENERTRAG SOUTH AFRICA (PTY) LTD

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

with the following contact details –

Ms Mercia Grimbeek
ENERTRAG South Africa Pty (Ltd)
Suite 104, Albion Springs
183 Main Road
Rondebosch
CAPE TOWN
South Africa
7700

Telephone Number: 021 207 2185
Cellphone Number: 078 299 3515
Email Address: Mercia.Grimbeek@enertrag.com

to undertake the following activities (hereafter referred to as “the activity”) indicated in Listing Notice 1, Listing Notice 2 and Listing Notice 3 of the EIA Regulations, 2014 as amended:

Activity number	Activity description
<p><u>Listing Notice 1, Item 11:</u> <i>The development of facilities or infrastructure for the transmission and distribution of electricity – outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts.</i></p>	<p>The proposed site is zoned as Agricultural land which falls outside of an urban area. The proposed project includes the following infrastructure:</p> <ul style="list-style-type: none"> • 132kV WEF connecting power lines, (either single or double circuit) connecting each of the proposed ‘Jessa Cluster’ WEF projects; • 132kV transmission line from each proposed Jessa WEF substation to the Droërivier MTS (or proposed potential supporting grid line infrastructure area i.e., Droërivier MTS expansion/upgrade area);and • A switching station located near the substation in the O&M Complex from which the 132kV powerline will connect, to the Droërivier MTS. • The potential upgrades to the Droërivier Main Transmission Substation (MTS) (within the current footprint), or, if required, an of the MTS
<p><u>Listing Notice 1, Item 12 (ii)(a)(c):</u> <i>The development of – (ii) infrastructure or structures with a physical footprint of 100 square metres or more, where such development occurs (a) within a watercourse; and (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse.</i></p>	<p>The proposed project will require the placement of linear infrastructure (i.e., internal access roads, underground cables, and internal overhead power lines) with a combined physical footprint of more than 100m². The proposed site consists of drainage lines and watercourses which will be traversed or be within 30m of some of the linear infrastructure.</p>
<p><u>Listing Notice 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</i></p>	<p>Temporary storage facilities will be placed on site for the storage of fuel and powder cement for use during the construction phase. It is anticipated that the stored dangerous goods will exceed the combined capacity of 80m³, however, will not exceed 500m³.</p>

<p><i>with a combined capacity of 80 cubic meters or more but not exceeding 500 cubic meters.</i></p>	
<p><u>Listing Notice 1, Item 19:</u> <i>The infilling or depositing of any material of more than 10 cubic meters into, or the dredging, excavation, removal or moving of soil, sand shells, shell grit, pebbles or rock of more than 10 cubic meters from a watercourse</i></p>	<p>Wetlands and drainage lines are scattered along the proposed powerline corridor. Existing tracks and roads will be used as far as possible to minimise any new impacts on these systems, but some access tracks will have to cross watercourses to ensure access to the powerline. The proposed project will therefore likely require the removal of soil in excess of 10m³ from a watercourse as a result of:</p> <ul style="list-style-type: none"> • The construction of internal roads, and/or upgrades to existing roads; • Laying of underground cables within the project area; and • Laying of infrastructure for the upgrading or expansion of the Droërivier MTS.
<p><u>Listing Notice 1, Item 27(ii):</u> <i>The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for—</i> <i>i) the undertaking of a linear activity;</i> <i>(ii) maintenance purposes undertaken in accordance with a maintenance management plan.</i></p>	<p>The construction of the proposed switching station and Droërivier MTS upgrade or expansion will require ground and vegetation clearance in excess of 1 hectare (ha) of indigenous vegetation, but less than 20 ha.</p>
<p><u>Listing Notice 1, Item 28(ii):</u> <i>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,</i> <i>(ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare.</i></p>	<p>The project site is currently used for agricultural purposes. The proposed project (including the switching station and Droërivier MTS expansion) is considered to be a commercial/industrial development and will have a footprint that exceeds 1 ha.</p>

<p><u>Listing Notice 1, Item 47:</u> <i>The expansion of facilities or infrastructure for the transmission and distribution of electricity where the expanded capacity will exceed 275 kilovolts and the development footprint will increase.</i></p>	<p>The existing Droërivier MTS will likely be expanded (by 20ha adjacent to the Droërivier MTS for supporting grid line infrastructure) to allow for additional capacity of more than 275 kV.</p>
<p><u>Listing Notice 1, Item 48:</u> <i>The expansion of (i) infrastructure or structures where the physical footprint is expanded by 100 square metre or more, (a) within a watercourse and (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse.</i></p>	<p>The proposed projects will likely require the upgrading of existing roads within the project area, where such upgrades may take place within watercourses and/or within 32 metres (m) from the edge of these watercourses. The total footprint of the upgrades to be undertaken on the existing roads will be in excess of 100m². The Droërivier MTS will also likely be expanded by an area of up to 20ha within 32m of a watercourse.</p>
<p><u>Listing Notice 1, Item 56 (i) (ii):</u> <i>The widening of a road by more than 6 metres, or the lengthening of a road by more than 1 kilometre (i) where the existing reserve is wider than 13,5 metres; or (ii) where no road reserve exists, where the existing road is wider than 8 metres.</i></p>	<p>The existing internal roads at the three (3) access points from the N12 will be widened to accommodate large trucks accessing the project site. It is expected that the roads will be widened by more than 6 metres.</p>
<p><u>Listing Notice 3, Item 4 (i) (ii) (aa):</u> <i>The development of a road wider than 4 metres with a reserve less than 13,5 metres in the (i) Western Cape (ii) within areas outside urban areas and within (aa) areas containing indigenous vegetation.</i></p>	<p>The proposed project involves the development of a road (a service/jeep track) of about 4m in width. The service track will be established during the construction phase to enable the construction of the pylons. Existing roads will however be used as far as possible. The project site is located outside urban areas, while most of the site constitutes indigenous vegetation in the Western Cape Province. In addition, Critical Biodiversity Areas (CBAs) can be found within parts of the project site. The proposed project roads are expected to traverse parts of the CBAs.</p>
<p><u>Listing Notice 3, Item 12(i) (ii):</u> <i>The clearance of an area of 300 square metres or more of indigenous vegetation in the (i)</i></p>	<p>The expansion of the Droërivier MTS will require the clearance of more than 300m² of indigenous vegetation as the expansion will encompass an area of up to 20ha. The</p>

<p><i>Western Cape (ii) within critical biodiversity areas identified in bioregional plans.</i></p>	<p>project site is located within the Western Cape Province and the expansion part of the project site is classified as a Critical Biodiversity Area (CBAs).</p>
<p><u>Listing Notice 3, Item 14 (a) (c) (i) (i) (ff):</u> <i>The development of infrastructure or structures with (ii) infrastructure or structures with a physical footprint of 10 square metres or more where such development occurs (a) within a watercourse; and (c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse in the (i) Western Cape (i) outside urban areas within (ff) critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.</i></p>	<p>The development of the switching station, internal maintenance roads and power lines will have a physical footprint in excess of 10m² and will be located within the Western Cape Province, outside urban areas. In addition, wetlands and drainage lines are scattered along the proposed powerline corridor and MTS expansion area. Furthermore, and some are located within CBAs found within the project site in certain places.</p>
<p><u>Listing Notice 3, Item 18 (i) (ii) (aa):</u> <i>The widening of a road by more than 4 metres and the lengthening of a road by more than 1 kilometre in the (i) Western Cape (ii) all areas outside urban areas (aa) areas containing indigenous vegetation.</i></p>	<p>The existing internal access roads at the three (3) access points from the N12 will likely be widened by more than 4m to accommodate the movement of heavy vehicles and cable trenching activities.</p> <p>The widening of the roads will take place within the Western Cape Province, outside urban areas, and will require the clearance of indigenous vegetation.</p>

as described in the Basic Assessment Report (BAR) dated August 2022 at:

SG 21 Code

C	0	0	9	0	0	0	0	0	0	0	0	0	4	3	2	0	0	0	0	0
C	0	0	9	0	0	0	0	0	0	0	0	0	1	7	0	0	0	0	1	0
C	0	0	9	0	0	0	0	0	0	0	0	0	3	1	9	0	0	0	0	0
C	0	0	9	0	0	0	0	0	0	0	0	0	3	1	9	0	0	0	0	1
C	0	0	9	0	0	0	0	0	0	0	0	0	3	1	9	0	0	0	0	5

05

C	0	0	9	0	0	0	0	0	0	0	0	0	3	1	9	0	0	0	0	6
C	0	0	9	0	0	0	0	0	0	0	0	0	3	1	9	0	0	0	0	7

Switching Station within O&M Complex		Latitude	Longitude
Centre point coordinates		S32° 29' 21.363"	E22° 28' 30.090"
MTS Expansion Area Development Footprint		S 32°24'32.68"	E 22°32'9.79"E
		S 32°24'44.72"	E 22°32'15.94"
		S 32°24'50.78"	E 22°31'39.70"
		S 32°24'34.34"	E 22°31'44.18"
Powerline Co-ordinates -		Latitude	Longitude
Powerline Corridor Alternative 1 (Preferred)	Start	S32° 29' 21.363"	E22° 28' 30.090"
	Middle	S32° 27' 30.414"	E22° 32' 2.197"
	End	S32° 24' 20.718"	E22° 31' 54.456"

- for the development of Jessa Z grid connection and associated infrastructure near Beaufort West within the Beaufort West Local Municipality, Central Karoo District Municipality in the Western Cape Province, hereafter referred to as "the property".

The proposed project requires several key components to facilitate the distribution and transmission of electricity which includes the following:

- 132kV power lines, (either single or double circuit) connecting each of the proposed 'Jessa Cluster' WEF projects (part of separate respective projects) to each other via their respective substations (132kV WEF connecting power lines);
- 132kV transmission line from each proposed Jessa WEF substation to the Droërvier MTS (or proposed potential supporting grid line infrastructure area - i.e., Droërvier MTS expansion/upgrade area);
- A switching station located near the substation in the O&M Complex from which the 132kV powerline will connect, to the Droërvier MTS (note the collector substation portion makes part of the Jessa Z WEF application, REF: 14/12/16/3/3/1/2496);
- Temporary maintenance roads / jeep tracks; and
- Potential upgrades to the Droërvier MTS within its current footprint (if required); or its expansion by 20 ha area adjacent to the Droërvier MTS for supporting grid line infrastructure MTS (i.e., possible expansion/upgrade of the MTS).

Conditions of this Environmental Authorisation

Scope of authorisation

1. The development of Jessa Z grid connection and associated infrastructure near Beaufort West within the Beaufort West Local Municipality, Central Karoo District Municipality in the Western Cape Province is approved as per the geographic coordinates cited in the table 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.
9. Commencement with one activity listed in terms of this Environmental Authorisation constitutes commencement of all authorised activities.

Notification of authorisation and right to appeal

10. 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.
11. The notification referred to must –
 - 11.1. specify the date on which the authorisation was issued;
 - 11.2. inform the interested and affected party of the appeal procedure provided for in the National Appeal Regulations, 2014;
 - 11.3. advise the interested and affected party that a copy of the authorisation will be furnished on request; and
 - 11.4. give the reasons of the Competent Authority for the decision.

Commencement of the activity

12. 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

13. The site layout plans as attached as Appendix 4 (Jessa Z Grid) of the BAR dated August 2022 is approved.
14. The Generic EMPs submitted as part of BAR dated August 2022 are approved and must be implemented and adhered to.
15. The Generic EMPs 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.
16. Changes to the approved Generic EMPs must be submitted in accordance to the EIA Regulations applicable at the time.
17. The Department reserves the right to amend the approved Generic EMPs should any impacts that were not anticipated or covered in the BAR be discovered.

Frequency and process of updating the EMPr

18. The EMPr must be updated where the findings of the environmental audit reports, contemplated in Condition 25 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.
19. The updated EMPr must contain recommendations to rectify the shortcomings identified in the environmental audit report.
20. 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.
21. 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.
22. 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

23. 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.
 - 23.1. The ECO must be appointed before commencement of any authorised activities.
 - 23.2. Once appointed, the name and contact details of the ECO must be submitted to the *Director: Compliance Monitoring* of the Department.

- 23.3. The ECO must keep record of all activities on site, problems identified, transgressions noted and a task schedule of tasks undertaken by the ECO.
- 23.4. 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

24. 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.
25. 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.
26. 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.
27. 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.
28. 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.
29. 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

30. 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

31. 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

32. 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

33. The footprint of the development must be limited to the areas required for actual construction works and operational activities.
34. Areas outside of the footprint, including sensitive areas and buffer areas, must be clearly demarcated (using fencing and appropriate signage) before construction commences and must be regarded as "no-go" areas.
35. No pylons must be placed within the delineated watercourses and the riparian habitat; however, the pylons may span these features.
36. A pre-construction walk down of the final alignment must be completed by an archaeologist to inform the micro-siting of the pylon placement.
37. An integrated waste management approach must be implemented that is based on waste minimisation and must incorporate reduction, recycling and re-use options where appropriate. Where solid waste is disposed of, such disposal shall only occur at a landfill licensed in terms of section 20(b) of the National Environment Management Waste Act, 2008 (Act 59 of 2008).
38. 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, the Heritage Western Cape must be informed, and the services of an accredited heritage professional obtained for an assessment of the heritage resources.

VJ

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: 26 September 2022



Mr Vusi Skosana

**Acting Chief Director: Integrated Environmental Authorisations
Department of Forestry, Fisheries and the Environment**

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 20 June 2022.
- b) The information contained in the BAR dated August 2022.
- c) The comments received from Breedde Gouritz Catchment, Western Cape Department of Environmental Affairs and Development Planning (WC DEA&DP), South African Heritage Resources Agency (SAHRA), Heritage Western Cape, CapeNature, Western Cape Department of Transport and Public Works and interested and affected parties as included in the BAR dated August 2022.
- d) Mitigation measures as proposed in the BAR and the Generic EMPs.
- e) The information contained in the specialist studies contained within the appendices of the BAR dated August 2022 as appears below:

Title	Prepared by	Date
Terrestrial Ecology Impact Assessment and Faunal and Aquatic Assessment	Bio Assets CC	21 February 2022 and March 2022, respectively
Terrestrial Plant Species Compliance Statement	David Hoare Consulting (Pty) Ltd	08 March 2022
Terrestrial Ecology Assessment	David Hoare Consulting (Pty) Ltd	21 May 2022
Geotechnical Impact Assessment	Consulting Geotechnical Engineers Environmental Scientists	02 December 2021
Aquatic / Surface Water Impact Assessment	NatureStamp (Pty) Ltd	December 2021
Avifauna Impact Assessment	Chris van Rooyen Consulting	30 December 2021
Agriculture Compliance Statement	Johann Lanz	7 February 2021
Heritage & Archaeology Impact Assessment	CTS Heritage	February 2022
Paleontological Impact Assessment	Natura Viva cc	February 2022
Visual Impact Assessment	Quinton Lawson and Bernard Oberholzer	21 February 2022
Social Impact Assessment	Urban-Econ Development Economists	2022

Generic Environmental Management Programmes (EMPrs)	SLR Consulting (South Africa) (Pty) Ltd	August 2022
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2. 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 need for the proposed project stems from the provision of electricity to the national grid.
- b) The BAR dated August 2022 identified all legislation and guidelines that have been considered in the preparation of the BAR.
- c) The location of the development of Jessa Z grid connection and associated infrastructure to the proposed Jessa Z wind energy facility.
- d) The methodology used in assessing the potential impacts identified in the BAR dated August 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.

3. 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 August 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 August 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.

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**forestry, fisheries
& the environment**

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

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Mr. Vusi Skosana
Director: IEA: National Integrated Authorisations

Dear Mr. Skosana

**APPOINTMENT AS ACTING CHIEF DIRECTOR: INTEGRATED ENVIRONMENTAL AUTHORISATIONS
FOR THE PERIOD 26 SEPTEMBER 2022 UNTIL 14 OCTOBER 2022**

I hereby inform you that I have decided to appoint you as Acting Chief Director: Integrated Environmental Authorizations, for the period of 26 September 2022 until 14 October 2022 whilst Ms Milicent Solomons is on annual leave.

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 Authorisations 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 Devinagie Bendeman
Deputy Director-General: RCSM (Regulatory Compliance and
Sector Monitoring)
Date: 23/09/2022

<p>ACKNOWLEDGEMENT I ACCEPT / DO NOT ACCEPT appointment as Acting Chief Director: Integrated Environmental Authorisations Signed: Date: <u>26 September 2022</u></p>
