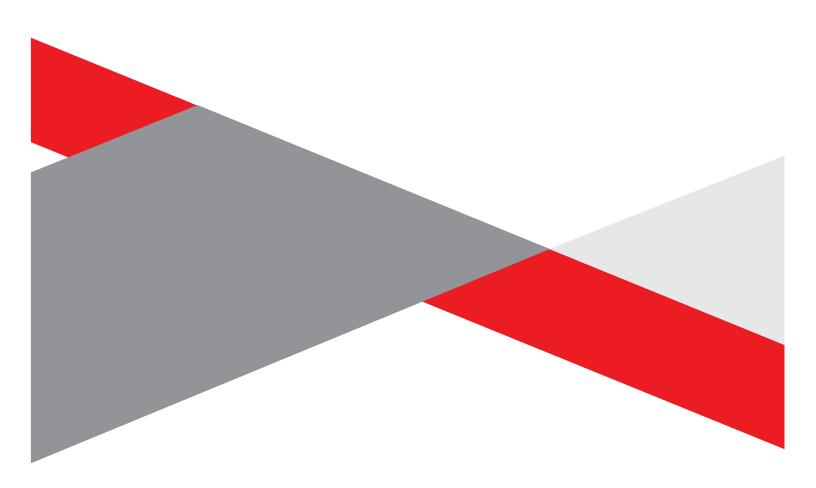
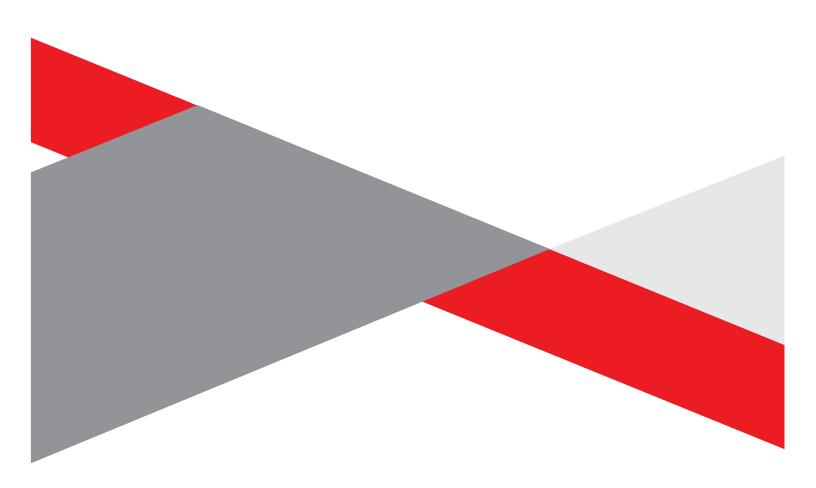
APPENDIX C PUBLIC PARTICIPATION



APPENDIX C1 I&AP Database





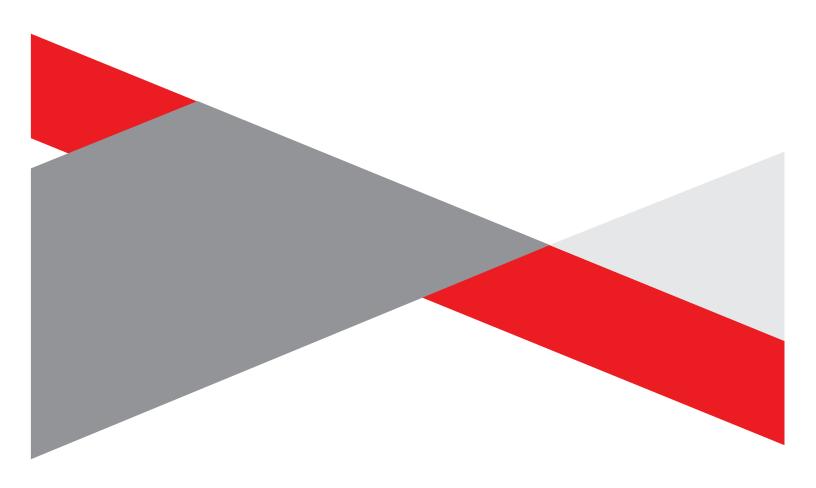
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APPENDIX C1: INTERESTED AND AFFECTED PARTY DATABASE

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Northern Cape Department of Agriculture, Land Reform & Rural Development Northern Cape Department of Agriculture, Land Reform & Rural Development Northern Cape Department of Environment and Nature Conservation Northern Cape Department of Revironment and Nature Denver van Heerden Head of Department Northern Cape Department of Roads & Public Works Jaco Roelofse Director: Roads	Northern Cape Chamber of Commerce & Industry				
Rural Development Ali Diteme Northern Cape Department of Agriculture, Land Reform & Ali Diteme Northern Cape Department of Environment and Nature Conservation Northern Cape Department of Roads & Public Works Northern Cape Department of Roads & Public Works Jaco Roelofse Director: Roads	(NOCCI)	Sharon	Steyn		
Northern Cape Department of Agriculture, Land Reform & Rural Development Ali Diteme Northern Cape Department of Environment and Nature Conservation Denver Van Heerden Northern Cape Department of Roads & Public Works Jaco Roelofse Director: Roads					
Rural Development Ali Diteme Northern Cape Department of Environment and Nature Conservation Denver van Heerden Head of Department Head of Department Northern Cape Department of Roads & Public Works Jaco Roelofse Director: Roads					
Northern Cape Department of Environment and Nature Conservation Denver van Heerden Head of Department Denver van Heerden Head of Department Denver van Heerden Head of Department Northern Cape Department of Roads & Public Works Jaco Roelofse Director: Roads	Rural Development	Ali	Diteme		
Conservation Denver van Heerden Head of Department Head of Department Northern Cape Department of Roads & Public Works Jaco Roelofse Director: Roads	Northern Cape Department of Environment and Nature				
	Conservation				Head of Department
Northern Cape Department of Roads and Public Works Kholikile Nogwili Head of Department	Northern Cape Department of Roads & Public Works				
	Northern Cape Department of Roads and Public Works	Kholikile	Nogwili	Head of Department	

Company	First Name	Last Name	Position	Department
Northern Cape Department of Environment and Nature				
Conservation	Luzane	Tools-Bernado		
Northern Cape Department of Roads & Public Works	Menelisi	Sithole		
Northern Cape Department of Environment and Nature				
Conservation	Natalie	Uys	Candidate Scientist: Botanist	
Northern Cape Department of Environment and Nature				
Conservation	Onwabile	Ndzumo	Case Officer	Impact Management
Northern Cape Department of Roads and Public Works	Ruth	Palm	Chief Director: Roads	
Northern Cape Department of Agriculture, Land Reform &				
Rural Development	Wonders Dimakatso Viljoen	Mothibi	Head of Department: Agriculture	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev				
& Land Reform	Bryan	Fisher	Director	Environmental Quality Management
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev				
& Land Reform	Dewald	Badenhorst	Manager: Protected Areas - West	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev				
& Land Reform	Dineo	Moleko	Assistant Director Impact Management	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev				
& Land Reform	Elsabe	Swart	Scientific Manager: Grade B	Research & Development
Northern Cape Economic Development Agency	Babalwa	Mbobo	Deputy Director: Renewable Energy	
Northern Cape Economic Development Agency	Riaan	Warie		
Richtersveld Local Municipality	John	Richtersveld	Service Delivery	
SAEON Arid Lands Node	Joh	Henschel		
SOLAR Northern Cape	Uwe	Westphaling		
South Africa Mainstream Renewable Power				
Developments (PTY) Ltd	Reyneke	Hein		
			Heritage Officer: Northern Cape & North	
South African Heritage Resources Agency (SAHRA)	Phillip	Hine	West Province	
Standvastigheid Familie Trust	Francois	Conradie	Landowner	
WESSA	John	Wesson	Northern Region	Northern Region
WESSA	Suzanne	Erasmus	Chairperson	
Wolwekop Trust	Ockert	Conradie	Landowner	

APPENDIX C2
Background Information Letter



BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

PROPOSED DEVELOPMENT OF THE KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) AND ASSOCIATED INFRASTRUCTURE, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

BACKGROUND INFORMATION LETTER

20 MAY 2022

Enel Green Power South Africa (Pty) Ltd proposes the construction and operation of a Battery Energy Storage System (BESS) and associated grid infrastructure ~45km south of the town of Sutherland along the R354 and 47km north west of the town of Laingsburg along the R323 in the Northern Cape Province. The project will be located on Farm De Hoop 202 within the Karoo Hoogland Local Municipality which lies within the jurisdiction of the Namakwa District Municipality.

AIM OF THIS BACKGROUND INFORMATION LETTER

This document aims to provide you, as an Interested and/or Affected Party (I&AP), with:

- » An overview of the battery energy storage system and its associated infrastructure.
- » An overview of the Basic Assessment (BA) process, and specialist studies being undertaken to assess the proposed infrastructure.
- » Details of how you can become involved in the BA process, receive information, or raise comments that may concern and/or interest you.

OVERVIEW OF THE PROPOSED PROJECT:

The proposed project will entail the construction and operation of a BESS and associated infrastructure to be located on Farm De Hoop 202 (**Figure 1**).

The proposed project will include 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

The following is being considered within the BA process for this project:

- » Buffer around the BESS site of 200m
- » Power line corridor (100m) with 50m either side of centre line
- » Buffer around Hidden Valley Substation of 200m

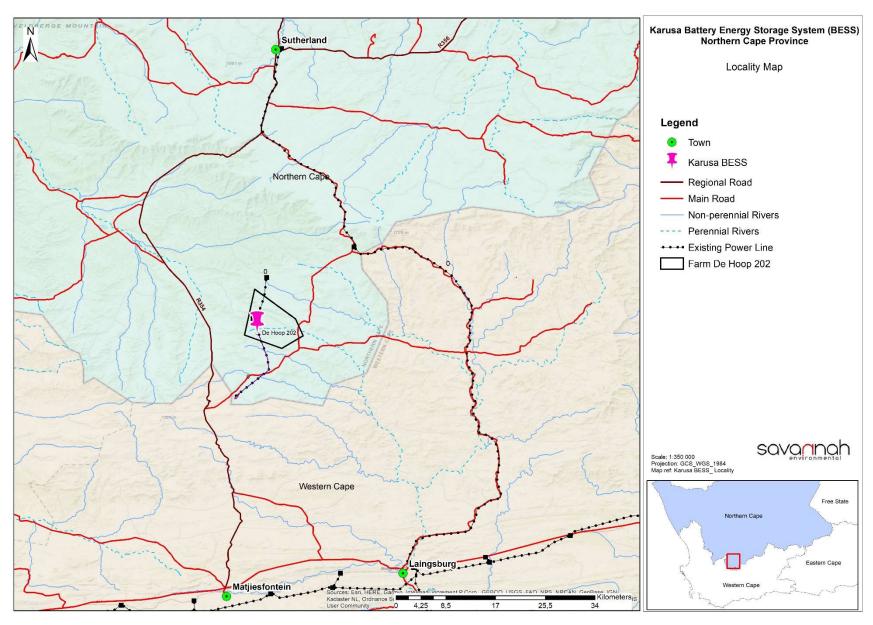


Figure 1: Locality map of the Karusa BESS and its associated infrastructure

Proposed BESS Technology

The general purpose and utilisation of a Battery Energy Storage System (BESS) is to save and store excess electrical output as it is generated, allowing for a timed release when the capacity is required the most and the provision of ancillary services to ensure reliable operation of power networks during normal operation and contingency events. BESS systems therefore provide flexibility and reliability services for the efficient operation of the electric grid.

A typical utility scale BESS system as applied in the context of a Renewable Energy Facility is illustrated in **Figure 2** below.



Figure 2: Li-lon Bess containerised modules located within the BESS enclosure footprint (Source: Enel Green Power)

Basic Assessment Process

An application for Environmental Authorisation (EA) in terms of the National Environmental Management Act (No. 107 of 1998) (NEMA) and the EIA Regulations, 2014, as amended, (GNR 326) is being undertaken for the project. In terms of the triggered activities, a BA process is required in support of the application for EA for the proposed Karusa BESS and associated infrastructure project. Savannah Environmental has been appointed as the independent environmental consultant responsible for undertaking the required BA and public participation process (PPP) for the project.

A BA is an effective planning and decision-making tool. It allows for potential environmental consequences resulting from a proposed activity to be identified and appropriately managed during the construction, operation, and decommissioning phases of development. It also provides an opportunity for: the project applicant to be forewarned of potential environmental issues; the resolution of issue(s) identified and reported on as part of the BA process; and dialogue with key stakeholders and I&APs.

Savannah Environmental has been appointed as the independent environmental consultants responsible for managing the application for EA and undertaking the supporting BA process, required to identify and assess potential environmental impacts associated with the project. Appropriate mitigation and management measures for identified impacts will be recommended and included within the Environmental Management Programme (EMPr) for the facility. I&APs will be actively involved through the PPP.

WHAT ARE THE POTENTIAL ENVIRONMENTAL IMPACTS ASSOCIATED WITH THE PROPOSED PROJECTS?

The development area and the grid connection corridors will be assessed by independent environmental specialists to identify the potential for environmental impacts. Specialist studies that are proposed as part of the EIA process include the following:

- » Biodiversity Impact Assessment includes ecology, fauna and flora and assesses the potential impact and the associated disturbance of vegetation on the biodiversity of the area (including critical biodiversity areas and broad-scale processes).
- » Wetland and freshwater Impact Assessment includes an assessment of impacts and associated disturbance to drainage lines, rivers, and wetlands at a broad and fine scale.
- » Avifauna Impact Assessment assesses the impact on avifaunal habitats and sensitive species.
- » Soils and Agricultural Potential Assessment includes land types and assesses the significance of loss of agricultural land and soil degradation and/or erosion.
- » Heritage Impact Assessment (Archaeology and Palaeontology) which includes archaeology and palaeontology and assesses the potential of disturbance to or destruction of heritage sites and fossils during the construction phase through excavation activities.
- » Noise Compliance Statement which identifies the potential noise impacts that will occur during the construction and operation of the proposed project.

Site-specific studies will be undertaken to assess the potential impact of the proposed development, in order to delineate areas of sensitivity within the affected farm portions, assess impacts associated with the projects and make recommendations regarding avoidance, management and mitigation of impacts. Studies will be informed by available information and detailed field investigations undertaken in accordance with the relevant guidelines and protocols. Once the constraining environmental factors have been determined, the layouts for the proposed facilities can be determined and presented in the BA reporting.

PUBLIC PARTICIPATION PROCESS

The sharing of information forms the basis of the PPP and offers I&APs the opportunity to become actively involved in the BA process. Comments and inputs from I&APs are encouraged in order to ensure that potential impacts are considered throughout the BA process. The PPP aims to ensure that:

- » Information containing all relevant facts in respect of the applications are made available to I&APs for review.
- » I&AP participation is facilitated in such a manner that they are provided with reasonable opportunity to comment on the proposed projects.

» Adequate review periods are provided for I&APs to comment on the findings of the Basic Assessment Reports.

In order to ensure effective participation, the PPP includes the following:

- » Identifying I&APs, including affected and adjacent landowners and occupiers of land, and relevant Organs of State, and recording details within a database.
- » Notifying registered I&APs of the commencement of the BA process and distributing the Background Information Letter (BIL).
- » Providing access to registered parties to an online stakeholder engagement platform, which centralises project information and stakeholder input in a single digital platform.
- » Providing an opportunity for I&APs to engage with the project team.
- » Placing site notices at the affected properties and in the study area.
- » Placing an advertisement in **Die Noordwester Uitgewers** local newspaper and using a local radio station (where available).
- » Notifying I&APs of the release of the Reports for review and comment, meetings to be held and the closing dates by which comments must be received.
- » Providing an opportunity to engage with the project team via appropriate virtual platform (to reduce the risks associated with COVID-19) or telephone.

YOUR RESPONSIBILITIES AS AN I&AP

In terms of the EIA Regulations, 2014 (as amended) and the Public Participation Guidelines, 2014, your attention is drawn to your responsibilities as an I&AP:

- » To participate in the BA process, you must register yourself on the I&AP database.
- » You are required to disclose any direct business, financial, personal, or other interest that you may have in the approval or refusal of the applications.
- » You must ensure that any comments regarding the proposed projects are submitted within the stipulated timeframes.

HOW TO BECOME INVOLVED

- » By responding by phone, fax, or e-mail to the invitation for your involvement.
- » By returning the reply form to the relevant contact person.
- » By engaging with the project team during the BA process.
- » By contacting the environmental consultant with queries or comments.
- » By reviewing and commenting on the Reports within the stipulated review and comment periods.

If you consider yourself an I&AP for the proposed projects, we urge you to make use of the opportunities created by the PPP to provide comment, raise issues and concerns which affect and / or interest you, or request further information. Your input forms a key element of the BA process.

By completing and submitting the accompanying reply form, you automatically register yourself as an I&AP for the proposed projects, and are ensured that your comments, concerns, or queries raised regarding the projects will be noted. Please note that all comments received will be included in the project documentation. This may include personal information.

COMMENTS AND QUERIES

Direct all comments, queries, or responses to:

Nondumiso Bulunga

Savannah Environmental (Pty) Ltd

Post: PO Box 148, Sunninghill, Johannesburg, 2157

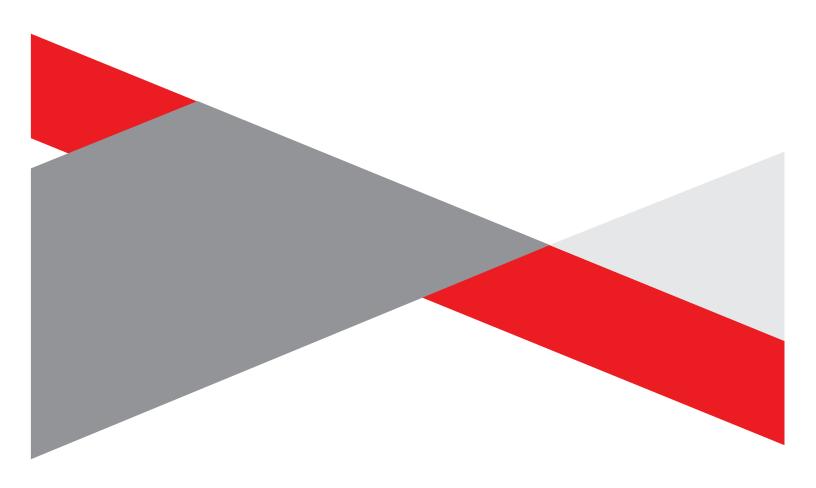
Tel: 011 656 3237 Mobile: 060 978 8396 Fax: 086 684 0547

E-mail: <u>publicprocess@savannahsa.com</u>

To visit the online stakeholder engagement platform and view project documentation, visit www.savannahsa.com.

Copyright: Savannah Environmental (Pty) Ltd

APPENDIX C3
Site Notices and Newspaper Advertisement





NOTICE OF BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

PROPOSED DEVELOPMENT OF THE KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) AND ASSOCIATED INFRASTRUCTURE, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

<u>Proposed Activity:</u> The development of a BESS and associated infrastructure for exclusive use by Enel Green Power South Africa (Pty) Ltd. Infrastructure associated with the proposed project will include the following:

- » 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 powerline 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.
- » Substation Max Height HV bus-bar up to 10 m max HV Building up to 4 m max

Project Location: ~45km south of the town of Sutherland, on Portion 0 of Farm De Hoop 202, within the jurisdiction of the Karoo Hoogland Local Municipality and the Namakwa District Municipality in the Northern Cape Province.

<u>Application for Environmental Authorisation:</u> In terms of Sections 24 and 24D of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as read with Government R327, as amended, a Basic Assessment (BA) process is required in support of the application for Environmental Authorisation for the proposed Karusa BESS.

<u>Public Participation Process:</u> Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultant responsible for undertaking the BA and Public Participation Process (PPP) in support of the application for Environmental Authorisation. To obtain further information on the project and to register on the project database, please submit your name, contact information and interest in the project, in writing, to:

Lehlogonolo Mashego at Savannah Environmental

P.O. Box 148, Sunninghill, 2157

Tel: 011 656 3237 / Mobile: 060 978 8396

Fax: 086 684 0547

Email: publicprocess@savannahsa.com Website: www.savannahsa.com



This notice is **not** for **job applications or other related procurement opportunities** but rather an opportunity to **register/comment** on the project. Should you know of any **vulnerable person** that needs to be informed of and be part of this proposed project, please contact us.



NEEM UIT DIE VERLEDE SÊ JAPIE OOR MUNISIPALITEIT

Hoe minder politiek hoe meer kan vermag word

Geagte Leser.

As 'n mens die uitsprake van

SLUISE OOP

GARIEPDAM se sluise vol oop nadat oorvloedige reëns die afgelope maande in die streek geval het. Die vol dam is inderdaad 'n gesig om te aanskou met die reuse area wat vol water staan. Sedert die covid pandemie se beperkings gedeeltelik opgehef is, word die skouspel druk besoek deur toeriste.

politieke analiste lees, kom jy agter dat dit wat in ons land moet gebeur, op plaaslike vlak moet plaasvind

Beleide word opgestel en geld word geallokeer en afgewentel tot op plaaslike vlak waar die werklike implimentering moet plaasvind.

Dit is bekend dat dit juis op plaaslike vlak is wat daar wanfunksionering is. Die vraag is of die feit dat plaaslike regering ook langs nasionale politieke kanale plaasvind, nie 'n bydrae lewer tot hierdie toestand nie. Dit was nie altyd so nie. Mense is op plaaslike rade verkies en kon-hul politieke affiliasie 'n rol gespeel het, maar was hulle nie amptelike verteenwoordigers van 'n party nie. Dit kon gebeur dat die burgemeester van 'n dorp die lid was van 'n minderheidsparty in daardie omgewing. Hy was burgemeester vanweë sy bekwaamheid en/of gewildheid in die gemeenskap.

Probleme wat daar op die huidige oomblik bestaan, is dat plaaslike rade deur partye genomineer word, op politieke grondslag verkies word en verantwoording aan die betrokke party moet doen. Die belange van die party is van die opperste belang en is dit nie noodwendig in die beste belang van die gemeenskap nie. Die aard van die vergadering is konfronterend en kompeterend en word besluite langs party-politieke lyne geneem. Dit is interessant om daaraan te dink dat 'n besluit op grond van hierdie situasie eintlik 'n minderheidsbesluit kan wees. Gestel die koukus van die meerderheidsparty is verdeel oor 'n aangeleentheid. Indien hierdie minderheid van die regerende party buite party verband saam met die minderheidspartye kon stem, sou 'n ander besluit geneem kon word. Dit is daarom vir my bemoe-

digend om in verlede week se Noordwester te lees van die aksies wat op die dorp geneem word. Dit kan dalk die idee van 'n politieke party party wees, maar daar word iets gedoen en ander politieke partye en die raad word ingetrek om deel te neem aan die proses. Politieke vlieëvangery word op die agtergrond geskuif en in 'n gees van same-werking word die belange van die gemeenskap op die beste moontlike manier gedien. Dit voel my dit is die styl van regering wat ons op plaaslike vlak moet hê en sal 'n mens graag wil hê dat dit die oorheersende gees moet wees waarmee plaaslike ak-

'n Mens moet oppas om die verlede te idealiseer, maar moet ons tog die spreek-woord onthou wat sê: Neem wat goed is van die verlede en bou die toekoms daarop. Mag dit van ons omgewing waar word.

Groete, Japie.

sies gedryf word.

- Kontantopsommings
- Opkas van tille
- Voorraad Beheer
- Voorraadopnames
- Brandstof Afsluiting
- Ad Hoc Opdragte
- **VERGOEDING VAN VAKANTE POS**
- Markverwante Salaris
- Pensioenvoordele
- Aankoopsvoordele
- Omsetbonus (Onderhewig aan Direksie besluit)
- Verlofvoordele

Vir meer inligting, kontak

Mnr Jacques Barkhuizen by 053 382 3325

U kan u CV e-pos na carnarvon@kvbk.co.za

AANSOEKE SLUIT 27 MEI 2022

Indien u binne 14 dae na sluiting van die pos geen terugvoering van ons ontvang het nie, beskou dat u onsuksesvol was.

'n boorling van Prieska is nie, het hy die laaste paar jaar sy tuiste gevind in Huis Frank du Toit. Donderdag 5 Mei 2022 het hy sy 63ste verjaarsdag gevier en is geluk gewens deur Doortije Ruiters en al die inwoners en personeel. - BduP.

GELUK STEVE

HOEWEL Steve Baldwin nie

Die Bedelaar

Maak kennis met sy goedvoorbereide vers.

Die bedelaar wat weet hoe om 'n brood se geldjie uit 'n beursie te kan pers.

Maar sy taktiek het ook verander.

'n Bedelaar is soms ook skrander.

Nou vra hy slegs 'n fooitije vir 'n blaker en 'n kers. Danie J. van Zyl

Neef Gert se Sêgoed 'n Misverstand is die aanloop tot 'n rusie.

25 Jaar gelede

NOORDWESTER: 20 Junie 1997. Wes-Karoo Koöperasie het Dinsdag sy eerste geskiedkundige jaarverga-dering gehou nadat die Landbou Koöperasie van Calvinia, Brandvlei Landboukoöperasie en Boesmanland Koöperasie op 1 Maart geamalgameer het. Die nuwe koöperasie het takke op Brandvlei, Calvinia en Nieuwoudtville

NOTICE OF BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS PROPOSED DEVELOPMENT OF THE KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS), NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

Applicant: Enel Green Power South Africa (Pty) Ltd

Proposed Activity: The development of a Battery Energy Storage System (BESS) and associated infrastructure. Infrastructure associated with the project will include the following:

- A BESS with a capacity of up to 2 000MWh 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
- 33kV MV cabling between the BESS and the MV/HV substation and HV cabling to the HV
- Fencing around the BESS for increased security measures.
- Up to 132Kv overhead and 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.
- Substation Max Height HV bus-bar up to 10 m max HV Building up to 4 m max

Project Location: 45km south of the town of Sutherland, on Portion 0 of Farm De Hoop 202, within the jurisdiction of the Karoo Hoogland Local Municipality and the Namakwa District Municipality in the Northern Cape Province.

Basic Assessment Process: An application for Environmental Authorisation (EA) in terms of the National Environmental Management Act (No. 107 of 1998) (NEMA) and the EIA Regulations, 2014, as amended, (GNR 326) is being undertaken for the project. In terms of the activities, a BA process is required in support of the application for EA for the proposed Karusa BESS and associated infrastructure project. Savannah Environmental has been appointed as the independent environmental consultant responsible for undertaking the required BA and public participation process for the project.

Basic Assessment Report available for public review and comment: The BA Report will be made available for download, review, and comment on the Savannah Environmental website (https://savannahsa.com/public-documents/energy-generation/). The 30-day public review and commenting period of the BA Report will be from **Monday**, 23 May 2022 until, **Thursday 23** June 2022. The final day to submit comments is Thursday 23 June 2022.

To obtain further information and register on the project database, please submit your name, contact information and interest in the project to the contact person below:

Nondumiso Bulunga Savannah Environmental P. O. Box 148, Sunninghill, 2157 Tel.: 011 656 3237 Mobile: 060 978 8396 Fax: 086 684 0547 Email: publicprocessesavannahsa.com





FORM JUJ

Notice is hereby given in terms of regulation 68 of the Deeds Registries Act, 1937, of the intention to apply for certified copy of Title Deed Nr T28560/1988

LOST OR DESTROYED DEED

Passed by THE EXECUTRIX IN THE ESTATE LATE IZAK JOHANNES NEL

In favour of: IZAK JOHANNES NEL

In respect of

- 1. THE FARM GELUK NUMBER 502 SITUATE IN THE KAROO HOOGLAND MUNICIPALITY DIVISION FRASERBURG PROVINCE NORTHERN CAPE
- 2. PORTION 20 OF THE FARM BROSPAN NUMBER 23 SITUATE IN THE KAROO HOOGLAND MUNICIPALITY DIVISION FRASERBURG PROVINCE NORTHERN CAPE
- THE REMAINDER OF THE FARM KAFFERS PUTS NUMBER 44

SITUATE IN THE KAROO HOOGLAND MUNICIPALITY DIVISION FRASERBURG

PROVINCE NORTHERN CAPE

which has been lost or destroyed.

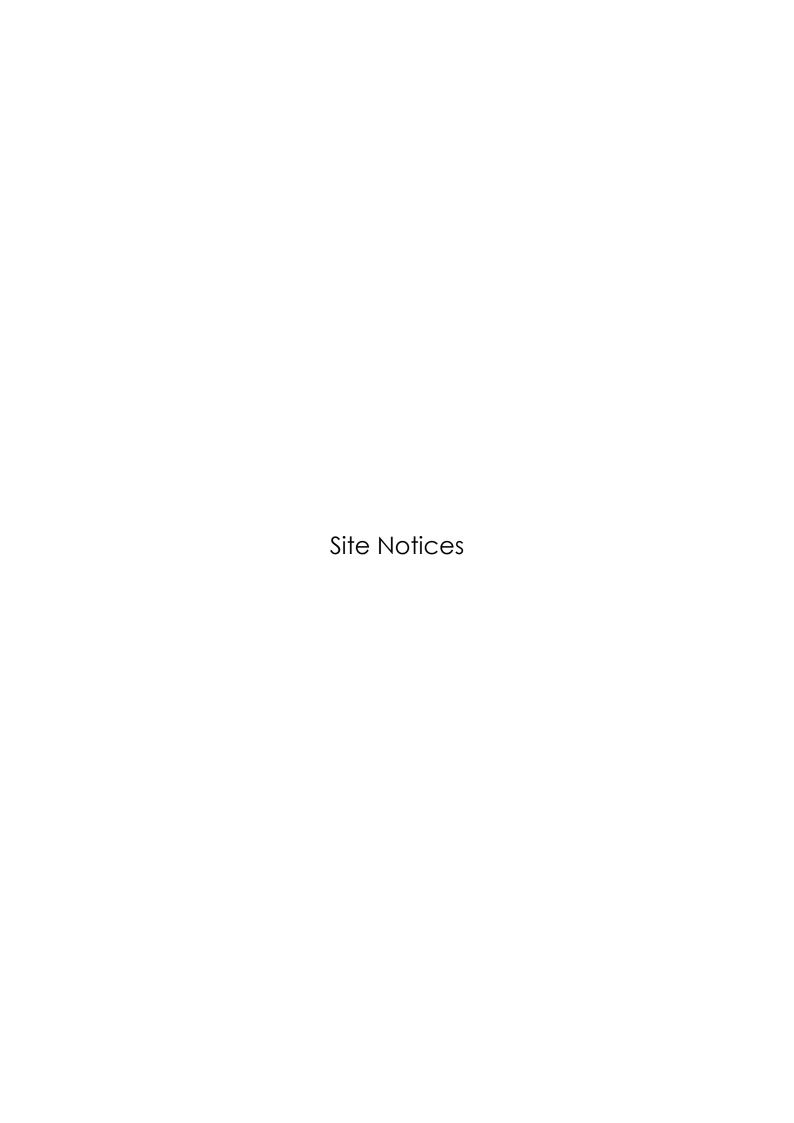
All interested persons having objection to the issue of such copy are hereby required to lodge the same in writing with the Registrar of Deeds at Kimberley, within 2 (two) weeks from the date of publication of this notice.

Dated at UPINGTON this 11th day of MAY 2022.

Applicant: WESSELS & SMITH INC REF: L. MARKRAM/NB/

Address: 3 Weideman Street, UPINGTON 8801 E-mail address: wesuptaktes2@mweb.co.za

Tel: 054 338 8100



Proof of Site Notice: Placed on 05 April 2022



Appendix C3: Site and Process Notices



NOTICE OF BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

PROPOSED DEVELOPMENT OF THE KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) & ASSOCIATED INFRASTRUCTURE, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

Applicant: Enel Green Power South Africa (Pty) Ltd

Proposed Activity: The development of a Battery Energy Storage System (BESS) and associated infrastructure. Infrastructure associated with the project will include the following:

- 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.
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- » Firebreak to be located within the BESS footprint.
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Project Location: ~45km south of the town of Sutherland, on Portion 0 of Farm De Hoop 202, within the jurisdiction of the Karoo Hoogland Local Municipality and the Namakwa District Municipality in the Northern Cape Province.

Basic Assessment Process: An application for Environmental Authorisation (EA) in terms of the National Environmental Management Act (No. 107 of 1998) (NEMA) and the EIA Regulations, 2014, as amended, (GNR 326) is being undertaken for the project. In terms of the triggered activities, a BA process is required in support of the application for EA for the proposed Karusa BESS and associated infrastructure project. Savannah Environmental has been appointed as the independent environmental consultant responsible for undertaking the required BA and public participation process for the project.

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To obtain further information and register on the project database, please submit your name, contact information and interest in the project to the contact person below:

Nondumiso Bulunga at Savannah Environmental

P.O. Box 148, Sunninghill, 2157

Tel: 011 656 3237 Mobile: 060 978 8396 Fax: 086 684 0547

Email: publicprocess@savannahsa.com

Proof of Process Notice: Placed on 05 April 2022

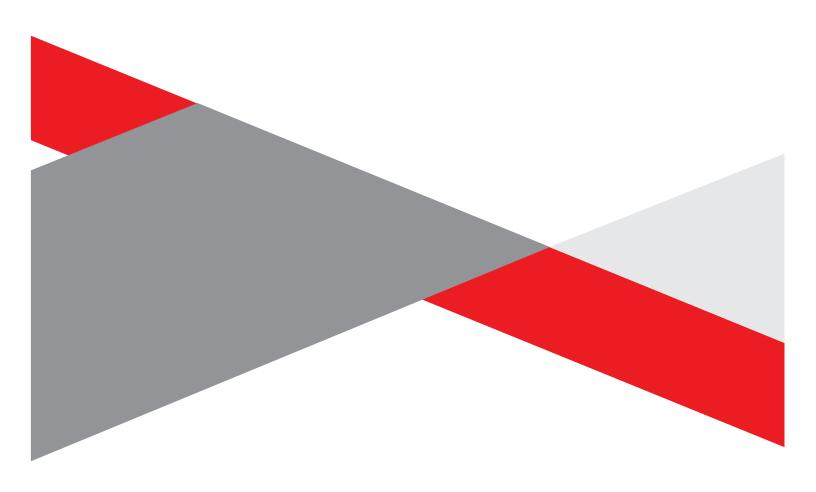


Appendix C3: Site and Process Notices



Appendix C3: Site and Process Notices

APPENDIX C4
Public Participation Plan and Approval



PUBLIC PARTICIPATION PLAN

IN TERMS OF THE DIRECTIONS REGARDING MEASURES TO ADDRESS, PREVENT AND COMBAT THE SPREAD OF COVID-19 RELATING TO NATIONAL ENVIRONMENTAL MANAGEMENT PERMITS AND LICENCES DURING COVID-19 PANDEMIC

PROPOSED DEVELOPMENT OF THE KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) & ASSOCIATED INFRASTRUCTURE NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

Application yet to be submitted

The restrictions enforced in terms of Government Gazette 43096 which placed the country in a national state of disaster limiting the movement of people to curb the spread of the COVID-19 virus has placed some limitations on the commencement and continuation of the public consultation as part of the Basic Assessment (BA) process. Considering these limitations, the following consultation process has been designed and will be implemented, on approval by the DFFE, to cater for the conducting of the public participation process (PPP) which includes I&APs, the competent authority, directly impacted landowners/occupiers, adjacent landowners/occupiers, relevant Organs of State departments, Municipalities, ward councillors and other key stakeholders, ward councillors and other key stakeholders.

The Public Participation Plan is submitted as per the requirements of the General Provisions of Annexure 2 of the Regulations issued in terms of Section 27(2) of the Disaster Management Act, 2002 (Act No.57 of 2002) and published on 05 June 2020 in Government Notice No R560 of Government Gazette No 43412. According to Section (2)(4)(f) of the National Environmental Management Act (NEMA), the participation of all I&APs must be promoted and all potential I&APs must be informed early and in an informative and proactive way regarding applications that may affect their lives or livelihood in order to give effect to the above sections, and that it is essential to ensure that there is adequate and appropriate opportunity for public participation in decisions that may affect the environment.

Savannah Environmental as the independent assessment practitioners have adopted this plan in compliance with the regulations and DFFE requirements. The submission of this and approval does not negate our responsibilities to comply with the requirements for public participation in terms of Regulations 39,40,41,42,43 & 44 of the EIA Regulations 2014, as amended.

Project Details:

Enel Green Power South Africa (Pty) Ltd proposes the construction and operation of a Battery Energy Storage System (BESS) and associated grid infrastructure ~45km south of the town of Sutherland along the R354 and 47km north west of the town of Laingsburg along the R323 in the Northern Cape Province. The project will be located on Farm De Hoop 202 within the Karoo Hoogland Local Municipality which lies within the jurisdiction of the Namakwa District Municipality. The BESS will store and supply dispatchable energy as and when required by the off-taker.

Applicant	Enel Green Power (Pty) Ltd	
Project	Battery Energy Storage System (BESS) and associated infrastructure	
Proposed 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
	The following is being considered within the BA process for this project:
	» Buffer around the BESS site of 200m.
	» Power line corridor (100m) with 50m either side of centre line.
	» Buffer around Hidden Valley Substation of 200m.
Affected Properties	» Portion 0 of Farm De Hoop 202

Public Participation Plan:

The public participation (PP) process will be undertaken in accordance with the requirements of Regulations 39 to 44 of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, (GNR 326). The aim of the PPP is primarily to ensure that:

- » information containing all relevant facts in respect of the proposed project is made available to potential stakeholders and I&APs.
- » participation by I&APs is facilitated in such a manner that all potential stakeholders and I&APs are provided with a reasonable opportunity to comment on the proposed project; and
- » Comments received from potential stakeholders and I&APs are recorded and incorporated into the Environmental Impact Assessment process.

The traditional means and opportunities available for the undertaking of public participation are still covered and implemented as part of this plan considering current Regulations to limit risks associated with COVID-19. A COVID protocol has been appended as **Appendix A**. Alternative means of undertaking consultation has been designed and will be implemented by Savannah Environmental to ensure that I&APs are afforded sufficient opportunity to raise comments on the project through an interactive web-based platform readily available and accessible to any person interested in the project and enables the PPP to be undertaken in line with Regulations 41 to 44 of the EIA Regulations, 2014, as amended. This online stakeholder engagement platform allows the EAP to visually present details regarding the project and our consultation documentation, including project maps and plans, presentations, and posters regarding the project, and report available for review.

The use of online tools enables stakeholders and I&APs to explore the project-specific content in their own time and allows them to participate in a meaningful way in the consultation process. The online platform allows for project information to shared and made available. Access to the project documentation via the Savannah Environmental website will be unrestricted to all I&APs. I&APs wanting to access the project

information via this portal will be required to register and will receive a unique code (via an automated system) to access the report of interest. This step and the online portal support the EAP in maintaining a complete and accurate record and database of all parties who have interest in the project (and who choose to access the report via the online portal), in line with the requirements of the Regulations.

The online stakeholder engagement platform considers the limitations applied by the Regulations prohibiting the gathering of people, as well as limitations which certain I&APs may have in terms of access to computers and internet as well as access to public spaces which are not open for operation or which have restricted access.

The benefits of the online stakeholder engagement platform include:

- Ability to create a dedicated project-specific online platform to enable easy access to project-related information.
- Ability to reach a wider audience, allowing more widespread consultation for major infrastructure projects.
- Allowing stakeholders and I&APs the opportunity to engage on a project without leaving their office or home.
- Enabling stakeholders and I&APs to register their interest in a project (for inclusion on the project database), and automatically gaining access to comprehensive project documentation.
- Enabling the EAP to maintain a complete database of I&APs through maintaining a record of persons accessing the online stakeholder consultation platform.
- Enabling the EAP and stakeholders/I&APs to meet virtually.
- Provides a resilient solution to a public consultation process.

Where I&APs do not have the applicable facilities (i.e., access to internet, mobile phones, or computers), provision has been made to include these I&APs in the consultation process by:

- Consulting with the Ward Councillor, the ward committee members to ensure broader inclusion.
- Consulting with community representatives, formalised community structures and local community forum members to ensure broader inclusion.
- Inviting direct consultation with the Public Participation team to ensure broader inclusion and support by assisting with the submission of comments.
- Use of the 'Please call me' alert of the dedicated cellphone number to allow a call-back at zero expense to the I&AP.
- Hard copy documentation may be made available to local public facilities, but will only be provided where appropriate sanitary conditions can be maintained.

The schematic illustration overleaf provides an overview of the tools that are available to I&APs and stakeholders to access project information and interact with the public participation team to obtain project information and resolve any queries that may arise, and to meet the requirements for public participation.

i. Stakeholder identification and register of I&APs

- Register as an I&AP on the online platfrom, via completion of a form and provison of contact information, by responding to an advert, or sending a 'please call me' which will be responded to
- •State interest in the project
- Receive all project related information via email or other appropriate means.

ii Notifications

- Advertisements, site notices, and written notifications provide information and details on where to access project information.
- Notification regarding the BA process and availability of project report for public review to be sent via email, post or SMS notification.

iii. Public Involvement and consultation

- Availability of project information will be via the Savannah website which is accessible and user friendly.
- An opportunity for I&APs and stakeholders to request virtual meetings with the project team.
- •Where limited connectively is encountered, in-person meeting/s can be arranged with strict COVID protocols followed.

iv. Comment on the BA report

- Availability of the project report via the online platform for a 30-day comment period.
- Where applicable, other electronic platforms (WeTransfer or DropBox), and upon written request CD, USB and/or hard copies will be made available.
- •Submission of comments faciliated through email, WhatsApp/SMS, direct on-site engagement and where required via post to the PP team.
- •Comments recorded and responded to, as part of the process.

v. Identification and recording of comments

•Comments and Responses Report, including all comments received throughout the process to be included in the reporting.

The PP plan, as set out in the table below, has been drafted for the above-mentioned project to ensure compliance with the requirements of the EIA Regulations and that reasonable opportunity is provided to I&APs and that all administrative actions are reasonable. Proof of all notifications and consultations will be included in the public participation appendix included in the BA report.

The PP plan is submitted to the DFFE for discussion and agreement before the PP process is undertaken for the proposed project.

Public Participation Plan: Discussion of approach and methodology to meet the requirements of the Regulations, applicable to all abovementioned applications for environmental authorisation (combined where possible).

Regulation	Approach & Methodology to meet requirements
Regulation 40(1), Regulation 40(3) & Regulation 43 – provide all potential or registered interested and affected parties, including the competent authority, access to project related information, access to the Basic Assessment report which will be made available for a period of at least 30 days to submit comments on draft report prior to submission of final report for decision-making.	Notification of BA process to be distributed using the following means: Advertisement in local media E-mail Dedicated project page on the Savannah Environmental online stakeholder engagement platform. This platform is accessible and user friendly. Post (where email or other means are not possible). This form of notification cannot be excluded considering that some parties may wish to use it. Site notices placed on site as well as process notices at other relevant public locations. Notification of availability of report and period for review using the following means: Newspaper adverts in one local newspaper, including details of where the report can be accessed and details of the Savannah Environmental website. Direct notification to registered I&APs: Notification letter (to be sent via email, fax and/or post, as may be most applicable) to affected and surrounding landowners and occupiers, and registered I&APs. Direct notification to registered I&APs: SMS and/or WhatsApp notifications where possible and available. Indirect notification to registered I&APs: Where direct notification is restricted, notifications to communities via one of the following will be implemented: Ward Councillor, ward committee members, identified and confirmed community representatives, and local community forum members. It is critical to note that all avenues to exhaust direct notifications will be exercised (i.e., including forming part of any local communication groups WhatsApp and Telegram groups).
	 Availability of report for review: Report available on the Savannah Environmental website for download. Upon registering their interest, I&APs will be able to download the respective project documentation. Electronic copies can be made available to parties via a secure Dropbox link (or other means) that will be emailed upon request for the documentation. CDs or USBs to be posted, if requested.

Regulation	Approach & Methodology to meet requirements
	 Hard copy project documentation and report to be available only where appropriate sanitary conditions can be maintained. Report will be submitted to the DFFE using the DFFE online portal. Report will be submitted to Organs of State and commenting authorities via an agreed electronic platform (such as on CD, or via a secure Dropbox link or WeTransfer, etc.). Submission of comments to PP team: Written comments can be submitted via email, WhatsApp/SMS post, or fax, whichever is most applicable. Any comments provided telephonically or via instant message will be transcribed and recorded as formal comments.
	 Opportunity and means of consultation where applicable facilities are not available to I&APs: Advertisement in local media Post (where email or other means are not possible) Placement of site notices. Consultation and communication through one of the following, where available: the ward councillor, ward committee members, formalised community structures and confirmed community representatives and local community forum members. SMS or WhatsApp notification. CDs or USBs to be posted, if requested (and where a computer is available). Hard copy report only where sanitary conditions can be maintained.
Regulation 40(2) - Provide access to all project information that has	Provision of project information and consultation via various means including:
the potential to influence any decision regarding the application, unless protected by law, and must include consultation with Competent Authority, Organs of State & registered I&APs.	 Telephonic consultation. Email correspondence. Correspondence sent via post (where email or other means are not possible) SMS and/or WhatsApp.
Regulation 41 (6) – Relevant information available and accessible	 The Savannah Environmental online stakeholder engagement platform will include the following-: A means for I&APs to register on the project database and provide details of their interest in the project Project maps (as applicable)

Regulation	Approach & Methodology to meet requirements
Regulation	 Virtual focus group meetings using an appropriate platform agreeable to all parties (such as Zoom, Skype or Teams). The meeting will be recorded, and the attendees' details captured in an attendance register. Where limited connectively is encountered, in-person meeting/s will be arranged with strict COVID protocols followed. This includes having an understanding of the venue where the meeting is to be held and the number of attendees to ensure sanitary conditions can be maintained. Communities will be consulted via one of the following, where available: the relevant Ward Councillor, ward committee members, formalised community structures, community representative or local community forum members, as determined and confirmed during the consultation process. Through consultation these forums would be suitable for notifications to occupiers, where access to these parties is not available through other means (such as direct consultation). Opportunity and means of consultation where applicable facilities are not available to I&APs: Telephonic consultation. Post (where email or other means are not possible) SMS and/or WhatsApp. Consultation and communication through one of the following, where available: the ward councillor, ward committee members and confirmed community representatives and local community forum members.
Regulation 41(2)(a) – Site notice	 Site notices will be placed at affected properties by the EAP, landowner or specialist, depending on specific travel restrictions applicable at the time. Size and content will be in accordance with Regulation 41(3) & 41(4).
Regulation 41(2)(b) - Written notification to affected and	Notification letter to be sent via email, fax, or post.
neighbouring landowners and occupiers; municipality; ward	
councillors; Organs of State & other parties required by the CA	 Opportunity and means of consultation where applicable facilities are not available to I&APs: Post (where email or other means are not possible) SMS or WhatsApp notification.
Regulation 42 – Project database	Affected and surrounding landowners and occupiers to be identified through a Deeds Search, networking or referral. Where occupiers are present on a property, the affected landowner will be requested to assist in providing relevant details for inclusion in the process.

Regulation	Approach & Methodology to meet requirements
	 I&APs to be identified through a process of networking and referral, obtaining information from Savannah Environmental and Eskom's existing stakeholder databases, liaison with potentially affected parties in the greater surrounding area and a registration process involving response to adverts. Organs of State, key stakeholders and affected and surrounding landowners will be identified and registered on the project database. Other stakeholders will be required to formally register their interest in the project through either directly contacting the Savannah Environmental Public Participation team via email or fax or use of the Savannah Environmental website. To access the Savannah Environmental online stakeholder engagement platform, I&APs will be required to provide their details such that they are automatically registered on the project database. The register of I&APs will contain the names of: all persons who requested to be registered on the database through the use of the Savannah Environmental website, or in writing and disclosed their interest in the project; all Organs of State which hold jurisdiction in respect of the activity to which the application relates; and all persons who submitted written comments or attended virtual meeting/s and viewed virtual presentations on the Savannah Environmental website during the public participation process. The information captured on the project database will contain the names, organisation and contact details, as required. It must be noted that personal details will not be shared in public documentation in accordance with the requirements of the POPI Act.
Regulation 44 – Comments to be recorded	 Written comments can be submitted to the PPP team via email, WhatsApp/SMS, fax or post, which ever is most applicable. Any comments provided telephonically or via instant message will be transcribed and recorded as formal comments. All comments received throughout the BA process will be acknowledged and captured in the comments and responses report (C&RR) with a relevant response. The C&RR and all comments received will be included in the final report submitted to the CA. Opportunity and means of consultation where applicable facilities are not available to I&APs:

Regulation	Approach & Methodology to meet requirements
	 Written comments via post or fax (where email or other means are not possible). Comment submission telephonically and instant messaging (SMS and/or WhatsApp). Sending a Please-call-me notification to the Public Participation team so that contact can be made at any point of the project cycle.
Regulation 4(2) – Notification of decision on application	 Notification of Environmental Authorisation (EA) using the following means: Notification letter with details as outlined in EA issued will be sent via email, fax, or post, whichever is the most applicable. Notifications that the EA has been issued and where to download and/or obtain a copy to communities via one of the following, where available: Ward Councillor and his/her ward committee members and identified and confirmed community representatives. These channels will be closely facilitated where no direct notification is possible. SMS or WhatsApp notification. Opportunity and means of consultation where applicable facilities are not available to I&APs: Post (where email or other means are not possible) Communication via one of the following, where available: the ward councillor, ward
	committee members and confirmed community representatives and local community forum members. • SMS and/or WhatsApp.

Appendix A: COVID Protocol



Savannah Environmental (Pty) Ltd | Directors: KM Jodas, J Thomas, M Matsabu Company Reg No.: 2006/000127/07

VAT Reg No.: 4780226736



Avoid large gatherings:

- » No gatherings of 50+ people will be held. All Focus Groups Meetings will comprise of 15 people or less
- » Particiants will be confirmed by inivitation only



Wearing of cloth face-masks:

- Mandatory wearing of face masks by all participants incl. consultants and applicant
- The applicant will provide face masks for participants who do not have
- Both Consultants and Community members have right to refuse to participate if someone is refusing to wear a mask



Maintenance of Social distancing:

- Consultants and Community members will be seated 2m apart in all Community and/or Focus **Group Meetings**
- » Meetings will mostly be held outisde; when possible; if inside Savannah Environmental will ensure, in consultation with the venue owner, that there is adequate ventilation



Hand washing and sanitising:

- » Hand sanitisers will be provided at all meetings
- Hand sanitisers will be provided at the entrance of the venue



Regular cleaning of shared surfaces and equipment:

- Consultants will sanitise and clean chairs and tables in the venue prior to commencement of the meeting
- Should there be a break during the meeting, the tables and chairs will be sanitised before the next session
- There is a designated rubbish bin in the meeting venue to collect all waste generated. All waste will be handled and treated as hazardous waste



Raquel Peters

From: Zama Langa <ZLANGA@dffe.gov.za>
Sent: Wednesday, 06 April 2022 11:26

To: Raquel Peters

Cc: Nyiko Nkosi; Dr. Danie Smit; Ephron Maradwa

Subject: APPROVAL OF PPP PLAN FOR THE PROPOSED KARUSA BATTERY ENERGY

STORAGE SYSTEM (BESS) AND ASSOCIATED INFRASTRUCTURE

Good day

The Public Participation Process (PPP) Plan for the abovementioned project dated April 2022 and received by this department on the 04 April 2022 refers.

The Department has evaluated the Public Participation Plan which is submitted as per Minister Directive dated 05 June 2020 in response to Covid-19 pandemic and hereby approves the plan for the abovementioned project.

You may proceed with the public participation process in accordance with the tasks contemplated in the PPP plan. Should you wish to deviate from the submitted PPP Plan, the amended PPP Plan must be submitted to the Department for approval prior commencement.

Please ensure that the PPP plan forms part of the report that will be submitted to the department. Also kindly ensure that all I&APs are consulted as per requirement of EIA Regulations 2014 as amended.

You are hereby reminded of Section 24F of the National Environmental Management Act 1998 (Act No. 107 of 1998), as amended, that no activity may commence prior to an Environmental Authorization being granted by the Department.

Regards, Miss Zamalanga Langa

Department of Forestry, Fisheries and the Environment National Infrastructure Projects Cell:072 146 4308 Tel: 012 399 9389



From: EIA Applications < EIAApplications@dffe.gov.za>

Sent: Tuesday, 05 April 2022 10:19 **To:** Zama Langa <ZLANGA@dffe.gov.za>

Cc: Nyiko Nkosi <NNKOSI@dffe.gov.za>; Dr. Danie Smit <DSMIT@dffe.gov.za>; Raquel@savannahsa.com

Subject: 2022-04-0004

Dear Zama.

Please note that you have been allocated an application:

Type of Application: Pre-Application Meeting Request;

Reference Number: 2022-04-0004; **Date Received:** 04/04/2022;

Action Required: Decide on meeting request.

Kindly let Ephron know which date the meeting is to be held, if it will be set.

*EAP/Applicant: please use this reference number when submitting the application for EA/amendment application (page 1 of the application form), as well as attach the approved PP Plan if the application requires a PP process.

EIA Applications

Integrated Environmental Authorisations
Department of Forestry, Fisheries and the Environment

Please note that this email is for the receipt and processing of online applications only, and is not monitored for responses. All queries must be directed to EIAadmin@dffe.gov.za.

You are advised that this mailbox has a 48 hour response time.

Please note that this mailbox has a 5mb mail limit. No zip files are to be attached in any email.

From: Raquel Peters < Raquel@savannahsa.com>

Sent: Monday, 04 April 2022 13:15

To: EIA Applications < EIAApplications@dffe.gov.za>

Cc: Jo-Anne Thomas < joanne@savannahsa.com>; Tebogo Mapinga < tebogo@savannahsa.com>

Subject: Request for Pre-Application Meeting and PP Plan Approval for the Karusa Battery Energy Storage System and Associated Infrastructure

Good day,

Kindly find the pre-app form attached. Please note that a pre-app meeting is <u>not</u> required. We require approval of the Public Participation Plan.

Best regards, Raquel



t: +27 (0)11 656 3237 f: +27 (0) 86 684 0547

Raquel Peters

Junior Environmental Consultant

e: <u>raquel@savannahsa.com</u> c: +27 (0)81 338 9703

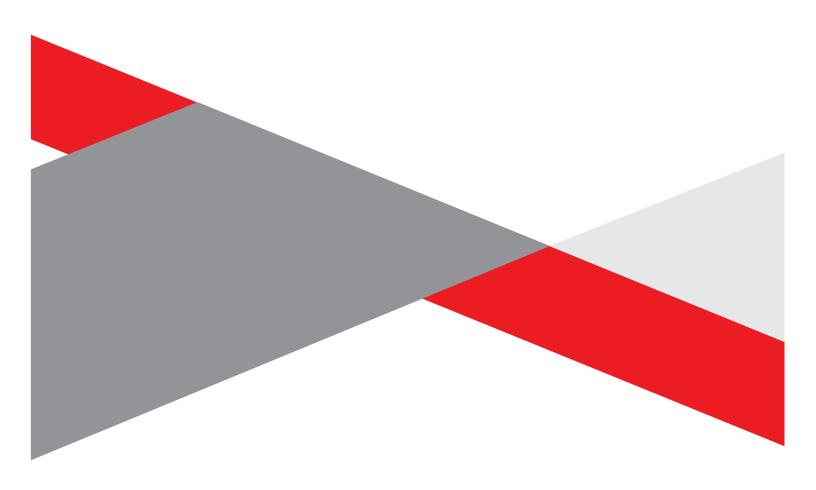
SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

Processing of personal Information / POPIA compliance

We respect your privacy and acknowledge that this e-mail will contain Personal Information, which may belong to you, others and/or to your organization and which we will process. The processing of your personal information by Savannah Environmental may be included in reports submitted to governmental departments or on our public platforms, which processing will be done in accordance with our processing notice housed on our website - https://savannahsa.com/privacy-policy-privacy-policy-privacy-policy-page/. By sending and/or receiving this message, you hereby consent to the lawful processing of personal information for the intended purposes, as described by the Protection of Personal Information Act, 2013 (Act No 4 of 2013).

This email has been scanned for viruses and malware, and automatically archived by Mimecast SA (Pty) Ltd, and is believed to be clean

APPENDIX C5
Organs of State Correspondence





Lameez Ahmed

From: Aulicia Maifo <amaifo@dffe.gov.za>
Sent: Monday, 23 May 2022 10:38
To: Savannah Public Process

Subject: RE: SE3347 - Karusa BESS Project and Process Notice

Follow Up Flag: Follow up Flag Status: Flagged

Good morning Ms. Venter,

I hope this email finds you well.

DFFE Directorate: Biodiversity Conservation hereby acknowledge the receipt of the invitation to review and comment on the mentioned project.

Please note that all Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries must be submitted to the Directorate: Biodiversity Conservation at Email: BCAdmin@environment.gov.za for attention of Mr Seoka Lekota.

Kind Regards,

Ms. Aulicia Maifo

Intern: Biodiversity Conservation, Mainstreaming EIA

Department of Forestry, Fisheries and the Environment

Environment House

473 Steve Biko and Soutpansberg Streets

PRETORIA

Tel: (012) 399 9627 Cell: 076 958 0761

E-mail: amaifo@dffe.gov.za Call Centre: 086 111 2468



From: Savannah Environmental Public Process <publicprocess@savannahsa.com>

Sent: Friday, 20 May 2022 16:17

To: Aulicia Maifo <amaifo@dffe.gov.za>

Subject: SE3347 - Karusa BESS Project and Process Notice

BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED DEVELOPMENT OF THE KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) AND ASSOCIATED INFRASTRUCTURE, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

Dear Stakeholders and Interested & Affected Parties,

Enel Green Power South Africa (Pty) Ltd proposes the construction and operation of a Battery Energy Storage System (BESS) and associated grid infrastructure ~45km south of the town of Sutherland along the R354 and 47km north west of the town of Laingsburg along the R323 in the Northern Cape Province. The

project will be located on Farm De Hoop 202 within the Karoo Hoogland Local Municipality which lies within the jurisdiction of the Namakwa District Municipality.

Savannah Environmental has been appointed as the independent environmental consultant responsible for managing the applications for Environmental Authorisation (EA), undertaking the supporting Basic Assessment (BA) process required to identify and assess potential environmental impacts associated with the project, and proposing appropriate mitigation and management measures to be contained within the Environmental Management Programme (EMPr) for the facilities.

This email hereby serves acts as a project and process notice. In addition, the project report will be made available for review and comment commencing on Monday, 23 May 2022 and ends on Thursday, 23 June 2022.

Please find attached the Background Information Letter and the Registration & Comment Form for your attention.

Should you have any queries or require any additional information, please feel free to contact us.

Kind regards, Unsubscribe this type of email



Nicolene Venter

e: publicprocess@savannahsa.com c: +27 (0) 60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

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Lameez Ahmed

From: Aulicia Maifo <amaifo@dffe.gov.za>
Sent: Tuesday, 24 May 2022 08:11

To: Savannah Public Process

Cc: MMatlala Rabothata; Tsholofelo Shalot Sekonko
Subject: RE: SE3347 - Karusa BESS Project and Process Notice

Follow Up Flag: Follow up Completed

Good morning Ms. Venter,

Hope you are well.

DFFE Directorate: Biodiversity Conservation hereby acknowledge the receipt of the invitation to review and comment on the mentioned project. Kindly note that the project has been assigned to officers: Ms. Mmatlala Rabothata and Ms. Tsholofelo Sekonko (both copied on this email).

Kind Regards,

Ms. Aulicia Maifo

Intern: Biodiversity Conservation, Mainstreaming EIADepartment of Forestry, Fisheries and the Environment

Environment House

473 Steve Biko and Soutpansberg Streets

PRETORIA

Tel: (012) 399 9627 Cell: 076 958 0761

E-mail: amaifo@dffe.gov.za
Call Centre: 086 111 2468



From: Savannah Environmental Public Process <publicprocess@savannahsa.com>

Sent: Friday, 20 May 2022 16:17

To: Aulicia Maifo <amaifo@dffe.gov.za>

Subject: SE3347 - Karusa BESS Project and Process Notice

BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED DEVELOPMENT OF THE KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) AND ASSOCIATED INFRASTRUCTURE, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

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Should you have any queries or require any additional information, please feel free to contact us.

Kind regards, Unsubscribe this type of email



Nicolene Venter

e: publicprocess@savannahsa.com c: +27 (0) 60 978 8396

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Lameez Ahmed

From: Savannah Public Process

Subject: SE3347 - Release code for Karusa BESS Project

From: MMatlala Rabothata <MRABOTHATA@dffe.gov.za>

Sent: Monday, 13 June 2022 16:03

To: Savannah Public Process <publicprocess@savannahsa.com>; nicole@redkiteconsulting.co.za

Cc: Tsholofelo Shalot Sekonko <tsekonko@dffe.gov.za>; Lameez Ahmed <lameez@savannahsa.com>; Nondumiso

Bulunga < Nondumiso@savannahsa.com >

Subject: RE: SE3347 - Release code for Karusa BESS Project

Thank you so much.

From: Savannah Public Process < publicprocess@savannahsa.com >

Sent: Monday, 13 June 2022 15:43

To: MMatlala Rabothata < MRABOTHATA@dffe.gov.za >

Cc: Tsholofelo Shalot Sekonko < tsekonko@dffe.gov.za >; Lameez Ahmed < lameez@savannahsa.com >; Nondumiso

Bulunga < Nondumiso@savannahsa.com >

Subject: RE: SE3347 - Release code for Karusa BESS Project

Hi Mmatlala,

Thank you for your call.

The release code for this project is: 8LqDSrIW

Kind regards,



t: +27 (0) 11 656 3237 f: +27 (0) 86 684 0547

Nicolene Venter

Public Participation and Social Consultant

e: publicprocess@savannahsa.com

c: +27 (0)60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

Processing of personal Information / POPIA compliance

We respect your privacy and acknowledge that this e-mail will contain Personal Information, which may belong to you, others and/or to your organization and which we will process. The processing of your personal information by Savannah Environmental may be included in reports submitted to governmental departments or on our public platforms, which processing will be done in accordance with our processing notice housed on our website - https://savannahsa.com/privacy-policy-privacy-policy-privacy-policy-page/. By sending and/or receiving this message, you hereby consent to the lawful processing of personal information for the intended purposes, as described by the Protection of Personal Information Act, 2013 (Act No 4 of 2013).

This email has been scanned for viruses and malware, and automatically archived by Mimecast SA (Pty) Ltd, and is believed to be clean

From: MMatlala Rabothata < MRABOTHATA@dffe.gov.za>

Sent: Monday, 13 June 2022 15:34

To: Savannah Public Process publicprocess@savannahsa.com; Nicolene Venter <</pre>nicolene@savannahsa.com

Cc: Tsholofelo Shalot Sekonko <<u>tsekonko@dffe.gov.za</u>> **Subject:** RE: SE3347 - Release code for Karusa BESS Project

Dear Nicolene,

May you kindly send us the release code for the above mentioned project.

Regards, Ms Mmatlala Rabothata 012 399 9174

Lameez Ahmed

Subject: SE3347 - KARUSA BESS COMMENTS

From: MMatlala Rabothata < MRABOTHATA@dffe.gov.za>

Sent: Monday, 27 June 2022 14:30

To: Raquel Peters < Raquel@savannahsa.com Subject: FW: SE3347 - KARUSA BESS COMMENTS

Good day,

As discussed telephonically, at the moment no specific comments relating to this project can be provided to you except the ones you have received on the letter dated 23/06/22

Regards, Ms M Rabothata 012 399 9174

From: Raquel Peters < Raquel@savannahsa.com >

Sent: Monday, 27 June 2022 13:58

To: MMatlala Rabothata < MRABOTHATA@dffe.gov.za > Cc: Jo-Anne Thomas < joanne@savannahsa.com > Subject: SE3347 - KARUSA BESS COMMENTS

Good day Mmatlala,

I hope that this mail finds you well. As briefly discussed telephonically, our client's project is the Karusa Battery Energy Storage System (BESS) and associated infrastructure which is located in the Karoo Hoogland Local Municipality and Namakwa District Municipality in the Northern Cape Province. We have received general comments from the department, however, I client would like to know if the biodiversity department has any specific comments relating to this project for their records.

I appreciate any assistance that you can provide in this regard.

Thank you and kind regards, Raquel



t: +27 (0)11 656 3237 f: +27 (0) 86 684 0547

Raquel Peters

Junior Environmental Consultant

e: raquel@savannahsa.com c: +27 (0)81 338 9703

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

Processing of personal Information / POPIA compliance

We respect your privacy and acknowledge that this e-mail will contain Personal Information, which may belong to you, others and/or to your organization and which we will process. The processing of your personal information by Savannah Environmental may be included in reports submitted to governmental departments or on our public platforms, which processing will be done in accordance with our processing notice housed on our website - https://savannahsa.com/privacy-policy-privacy-policy-privacy-policy-page/. By sending and/or receiving this message, you hereby consent to the lawful processing of personal information for the intended purposes, as described by the Protection of Personal Information Act, 2013 (Act No 4 of 2013).

This email has been scanned for viruses and malware, and automatically archived by Mimecast SA (Pty) Ltd., and is believed to be clean

Basic Assessment Report uploaded onto Savannah Environmental Website

Karusa Battery Energy Storage System

PROPOSED DEVELOPMENT OF THE KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) & ASSOCIATED INFRASTRUCTURE, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

Applicant: Enel Green Power South Africa (Pty) Ltd

Proposed Activity: The development of a Battery Energy Storage System (BESS) and associated infrastructure. Infrastructure associated with the project will include the following:

- 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
- 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.
- Substation Max Height HV bus-bar up to10 m max HV Building up to 4 m max

Project Location: ~45km south of the town of Sutherland, on Portion 0 of Farm De Hoop 202, within the jurisdiction of the Karoo Hoogland Local Municipality and the Namakwa District Municipality in the Northern Cape Province.

Project Location: ~45km south of the town of Sutherland, on Portion 0 of Farm De Hoop 202, within the jurisdiction of the Karoo Hoogland Local Municipality and the Namakwa District Municipality in the Northern Cape Province.

Basic Assessment Process: An application for Environmental Authorisation (EA) in terms of the National Environmental Management Act (No. 107 of 1998) (NEMA) and the EIA Regulations, 2014, as amended, (GNR 326) is being undertaken for the project. In terms of the triggered activities, a BA process is required in support of the application for EA for the proposed Karusa BESS and associated infrastructure project. Savannah Environmental has been appointed as the independent environmental consultant responsible for undertaking the required BA and public participation process for the project.

Basic Assessment Report available for public review and comment: The 30-day public review and commenting period of the BA Report will be from Monday, 23 May 2022 until, Thursday, 23 June 2022. The final day to submit comments is Thursday, 23 June 2022.

To obtain further information and register on the project database, please submit your name, contact information and interest in the project to the contact person below:

Documents for public review are available for download.

Please click on the "Register Interest" button to obtain the Registration Code to access the project's documents under the "View Download Page."

REGISTER INTEREST

VIEW DOWNLOAD PAGE

Karusa Battery Energy Storage System

Basic Assessment Report

Appendix A Project Consulting Team CVs

Appendix B Authority Correspondence

Appendix C Public Participation Process

Appendix D Ecology Impact Assessment

Appendix E Soil and Agricultural Potential Compliance Statement

Appendix F Heritage Screening Impact Assessment

Appendix G Noise Compliance Statement

Appendix H EMPr

Appendix H EMPr

Appendix I Generic OHL EMPr

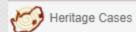
Appendix J EAP Declaration

Appendix K Specialist Declarations

Appendix L DFFE Screening Tool Report

Appendix M Maps





KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) & ASSOCIATED INFRASTRUCTURE, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

Log in or register to post comments 45 reads

CaseHeader LocationInfo Admin

Status: Closed (Approved)

HeritageAuthority(s): SAHRA

NBKB

Case Type: Section 38 (8) - Statutory Comment Required

Development Type: Renewable Energy

ProposalDescription:

Applicant: Enel Green Power South Africa (Pty) Ltd Proposed Activity: The development of a Battery Energy Storage System (BESS) and associated infrastructure. Infrastructure associated with the project will include the following: » 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. » Substation Max Height - HV bus-bar up to 10 m max - HV Building up to 4 m max Project Location: ~45km south of the town of Sutherland, on Portion 0 of Farm De Hoop 202, within the jurisdiction of the Karoo Hoogland Local Municipality and the Namakwa District Municipality in the Northern Cape Province.

ApplicationDate: Monday, May 23, 2022 - 09:09

CaseID: 18851 OtherReferences:

Dept	CaseReference	DueDate	FinalDecision	
DEA				

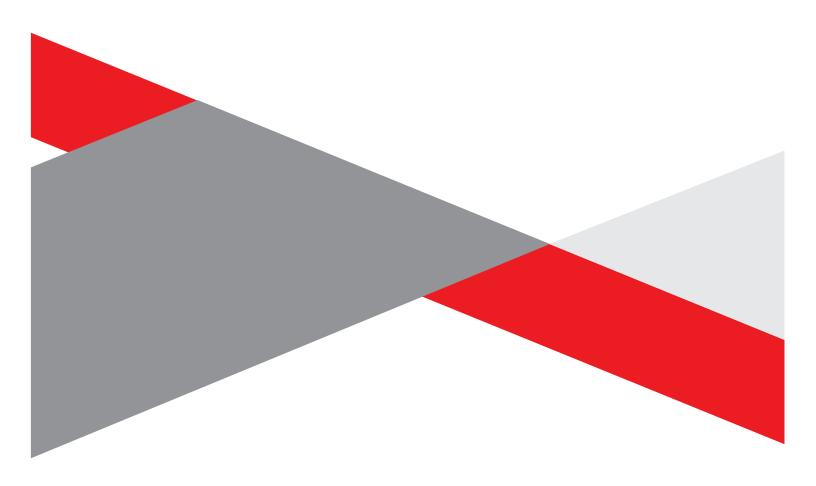
Heritage Reports: Heritage Screening Impact Assessment Karusa BESS

ReferenceList:

AdditionalDocuments

- 1. d 0.Karusa BESS and Associated Infrastructure Draft Basic Assessment Report.pdf
- SE3347 Appendix A Project Consulting Team CVs.pdf
- 3. M SE3347 Appendix B Authority Correspondence.pdf
- SE3347 Appendix C Public Participation.pdf
- 5. d SE3347 Appendix D Ecology Impact Assessment.pdf
- 6. SE3347 Appendix E Soil and Agricultural Potential Compliance Statement.pdf
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- 12. d SE3347 Appendix L DFFE Screening Tool Report.pdf
- 13. M SE3347 Appendix M Maps.pdf

APPENDIX C6
Stakeholder Correspondence





Lehlogonolo Mashego

From: Savannah Environmental Public Process <publicprocess@savannahsa.com>

Sent: Friday, 20 May 2022 16:16

To: Jacques Cloete

Cc: Lehlogonolo Mashego

Subject: SE3347 - Karusa BESS Project and Process Notice

Attachments: Karusa_BESS_Background_Information_Document_Final.pdf; SE3347

_-_Comments_and_Registration_Reply_Form.pdf

BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED DEVELOPMENT OF THE KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) AND ASSOCIATED INFRASTRUCTURE, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

Dear Stakeholders and Interested & Affected Parties,

Enel Green Power South Africa (Pty) Ltd proposes the construction and operation of a Battery Energy Storage System (BESS) and associated grid infrastructure ~45km south of the town of Sutherland along the R354 and 47km north west of the town of Laingsburg along the R323 in the Northern Cape Province. The project will be located on Farm De Hoop 202 within the Karoo Hoogland Local Municipality which lies within the jurisdiction of the Namakwa District Municipality.

Savannah Environmental has been appointed as the independent environmental consultant responsible for managing the applications for Environmental Authorisation (EA), undertaking the supporting Basic Assessment (BA) process required to identify and assess potential environmental impacts associated with the project, and proposing appropriate mitigation and management measures to be contained within the Environmental Management Programme (EMPr) for the facilities.

This email hereby serves acts as a project and process notice. In addition, the project report will be made available for review and comment commencing on **Monday**, **23 May 2022** and ends on **Thursday**, **23 June 2022**.

Please find attached the Background Information Letter and the Registration & Comment Form for your attention.

Should you have any queries or require any additional information, please feel free to contact us.

Kind regards, Unsubscribe this type of email

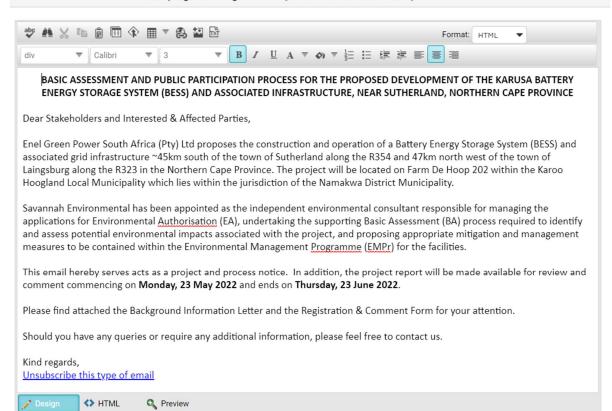


t: 011 656 3237 f: 086 684 0547 Nicolene Venter

Public Process

e: plublicprocess@savannahsa.com c: +27 (0) 60 978 8396

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SE3347 KARUSA BESS PROCESS NOTIFICATION (POE)

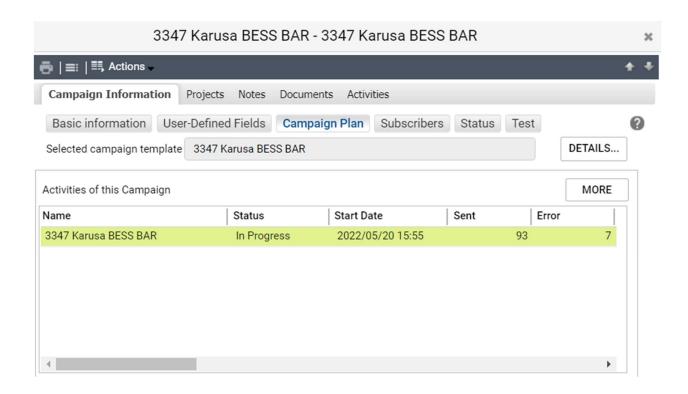
Date: Monday, 23 May 2022 Time: 15:05

Company	Last Name	First Name
	Calldo	Douglas
	Conradie	Marina
	Du Plessis	Abrie
	Freyson	Thomas
	Hilletje	Maria
	Muller	Andreas
	Paulsen	Nicolaas
	Van Dyk	Jacob
	Venter	Louis
Agri Northern Cape	Jansen	Nicol
Agri Northern Cape	Myburgh	Н
Agri Northern Cape	Theron	Melanie
BioTherm Energy Pty Ltd	Engelbrecht	Werner
Department of Agriculture, Forestry & Fisheries	Collett	Anneliza
Department of Agriculture, Forestry & Fisheries	Collett	Anneliza
Department of Agriculture, Forestry & Fisheries	Thebe	Thebe
Department of Agriculture, Forestry and Fisheries	Nhlakad	D
Department of Agriculture, Land Reform and Rural Development	Mothibi	Wonders
Department of Economic Development and Tourism	Warie	Riaan
Department of Energy	Babuseng	Enid
Department of Energy	Qase	Nomawethu
Department of Environment and Nature Conservation: Northern Cape	Mathews	M
Department of Environment and Nature Conservation: Northern Cape	Yaphi	Anga
Department of Environment, Forestry and Fisheries	Essop	Muhammad
Department of Environment, Forestry and Fisheries	Rabothata	Mmatlala
Department of Environment, Forestry and Fisheries	Sangweni	Thabile
Department of Environment, Forestry and Fisheries	Sekonko	Tsholofelo
Department of Forestry, Fisheries and the Environment	Kershaw	Pamela
Department of Forestry, Fisheries and the Environment	Maifo	Aulicia
Department of Forestry, Fisheries and the Environment	Makitla	Portia
Department of Forestry, Fisheries and the Environment	Marubini	Mashudu
Department of Forestry, Fisheries and the Environment	Sundani	Mulalo
Department of Rural Development and Land Reform	Du Toit	Mangalane
Department of Rural Development and Land Reform	Oliver	Ryan
Department of Water and Sanitation	Cloete	Shaun
Department of Water and Sanitation	Shibambu	Steven
Enel Green Power RSA (Pty) Ltd	Kiepile	Boitumelo
Eskom Holdings SOC Ltd	Harding	Debbie
Eskom Holdings SOC Ltd	Khanye	Nondwe
G7 Renewable Energies (Pty) Ltd	de Bruyn	Karen
Gielie Hanekom Familietrust	Hanekom	Gielie
Hantam Local Municipality	Swartz	Roger
Kamiesberg Local Municipality	Nero	Susarah

Karoo Hoogland Local Municipality Karoo Hoogland Local Municipality	Chadow Davids	MJ Jeremia
	Fortuin	JJ
Karoo Hoogland Local Municipality	Mietas	AS
Karoo Hoogland Local Municipality		
Karoo Hoogland Local Municipality	Van Der Colff	Johan
Lynxfield Investments 302	Badenhorst	Oloff
Mainstream Renewable South Africa (Pty) Ltd	Marais	Eugene
Namakwa District Municipality	Abrahams	Shaun
Namakwa District Municipality	Fortuin	Chris
Namakwa District Municipality	Loubser	Jannie
Namakwa District Municipality	Namakwa	
Namakwa District Municipality	Smith	Immanuel
Namakwa District Municipality	Theron	Hertzog
Namakwa Farmers Union	Jacobs	Danie
National Energy Regulator of South Africa (NERSA)	Gxasheka	Andile
National Energy Regulator of South Africa (NERSA)	Nzimande	Phindile
National Energy Regulator of South Africa (NERSA)	Suza	Mmoni
NC - Khoi Council	Hoogstrnder	Richard
NC - SA San Council	Louw	Collin
NC Co-operative Governance, Human Settlements & Traditional Affairs	Botha	G
NC Cooperative Governance, Human Settlements and Traditional Affairs	Botha	Gladys
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Cloete	Peter
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	De la Fontaine	Samantha
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Mothibi	Viljoen
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Werth	Doreen
NC Dept of Forestry, Fisheries and the Environment (Provincial)	Mans	Jacoline
NCape Provincial Gvt: Transport, Safety & Liaison	Botes	Elizabeth
NCOH	van der Merwe	Elna
NCOH	Wegener	
Northern Cape Chamber of Commerce & Industry (NOCCI)	-	Herman
,	Steyn	Sharon
Northern Cape Department of Agriculture, Land Reform & Rural Development	D:t	A I:
Northern Cape Department of Agriculture, Land Reform & Rural Development	Diteme	Ali
Northern Cape Department of Agriculture, Land Reform & Rural Development	Mothibi	Wonders Dimakatso Viljoen
Northern Cape Department of Environment and Nature Conservation	Ndzumo	Onwabile
Northern Cape Department of Environment and Nature Conservation	Tools-Bernado	Luzane
Northern Cape Department of Environment and Nature Conservation	Uys	Natalie
Northern Cape Department of Environment and Nature Conservation	van Heerden	Denver
Northern Cape Department of Roads & Public Works	Roelofse	Jaco
Northern Cape Department of Roads & Public Works	Sithole	Menelisi
Northern Cape Department of Roads and Public Works	Nogwili	Kholikile
Northern Cape Department of Roads and Public Works	Palm	Ruth
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Badenhorst	Dewald
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Fisher	Bryan
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Moleko	Dineo
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Swart	Elsabe
Northern Cape Economic Development Agency	Mbobo	Babalwa
Northern Cape Economic Development Agency	Warie	Riaan
Richtersveld Local Municipality	Richtersveld	John
SAEON Arid Lands Node	Henschel	Joh
SOLAR Northern Cape	Westphaling	Uwe
·	Hein	
South African Haritage Resources Agency (SALRA)		Reyneke
South African Heritage Resources Agency (SAHRA)	Hine	Phillip
Standvastigheid Familie Trust	Conradie	Francois

WESSA	Erasmus	Suzanne	
WESSA	Wesson	John	
Wolwekop Trust	Conradie	Ockert	

Totals:



Basic Assessment Report uploaded onto Savannah Environmental Website

Karusa Battery Energy Storage System

PROPOSED DEVELOPMENT OF THE KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) & ASSOCIATED INFRASTRUCTURE, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

Applicant: Enel Green Power South Africa (Pty) Ltd

Proposed Activity: The development of a Battery Energy Storage System (BESS) and associated infrastructure. Infrastructure associated with the project will include the following:

- 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.
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- Substation Max Height HV bus-bar up to10 m max HV Building up to 4 m max

Project Location: ~45km south of the town of Sutherland, on Portion 0 of Farm De Hoop 202, within the jurisdiction of the Karoo Hoogland Local Municipality and the Namakwa District Municipality in the Northern Cape Province.

Project Location: ~45km south of the town of Sutherland, on Portion 0 of Farm De Hoop 202, within the jurisdiction of the Karoo Hoogland Local Municipality and the Namakwa District Municipality in the Northern Cape Province.

Basic Assessment Process: An application for Environmental Authorisation (EA) in terms of the National Environmental Management Act (No. 107 of 1998) (NEMA) and the EIA Regulations, 2014, as amended, (GNR 326) is being undertaken for the project. In terms of the triggered activities, a BA process is required in support of the application for EA for the proposed Karusa BESS and associated infrastructure project. Savannah Environmental has been appointed as the independent environmental consultant responsible for undertaking the required BA and public participation process for the project.

Basic Assessment Report available for public review and comment: The 30-day public review and commenting period of the BA Report will be from Monday, 23 May 2022 until, Thursday, 23 June 2022. The final day to submit comments is Thursday, 23 June 2022.

To obtain further information and register on the project database, please submit your name, contact information and interest in the project to the contact person below:

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Please click on the "Register Interest" button to obtain the Registration Code to access the project's documents under the "View Download Page."

REGISTER INTEREST

VIEW DOWNLOAD PAGE

Karusa Battery Energy Storage System

Basic Assessment Report

Appendix A Project Consulting Team CVs

Appendix B Authority Correspondence

Appendix C Public Participation Process

Appendix D Ecology Impact Assessment

Appendix E Soil and Agricultural Potential Compliance Statement

Appendix F Heritage Screening Impact Assessment

Appendix G Noise Compliance Statement

Appendix H EMPr

Appendix H EMPr

Appendix I Generic OHL EMPr

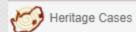
Appendix J EAP Declaration

Appendix K Specialist Declarations

Appendix L DFFE Screening Tool Report

Appendix M Maps





KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) & ASSOCIATED INFRASTRUCTURE, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

Log in or register to post comments 45 reads

CaseHeader LocationInfo Admin

Status: Closed (Approved)

HeritageAuthority(s): SAHRA

NBKB

Case Type: Section 38 (8) - Statutory Comment Required

Development Type: Renewable Energy

ProposalDescription:

Applicant: Enel Green Power South Africa (Pty) Ltd Proposed Activity: The development of a Battery Energy Storage System (BESS) and associated infrastructure. Infrastructure associated with the project will include the following: » 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. » Substation Max Height - HV bus-bar up to 10 m max - HV Building up to 4 m max Project Location: ~45km south of the town of Sutherland, on Portion 0 of Farm De Hoop 202, within the jurisdiction of the Karoo Hoogland Local Municipality and the Namakwa District Municipality in the Northern Cape Province.

ApplicationDate: Monday, May 23, 2022 - 09:09

CaseID: 18851 OtherReferences:

Dept	CaseReference	DueDate	FinalDecision	
DEA				

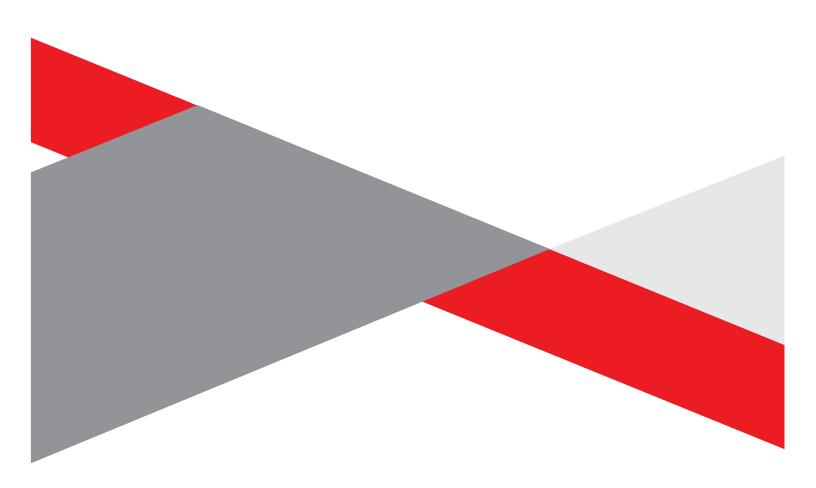
Heritage Reports: Heritage Screening Impact Assessment Karusa BESS

ReferenceList:

AdditionalDocuments

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- 3. M SE3347 Appendix B Authority Correspondence.pdf
- SE3347 Appendix C Public Participation.pdf
- 5. d SE3347 Appendix D Ecology Impact Assessment.pdf
- 6. SE3347 Appendix E Soil and Agricultural Potential Compliance Statement.pdf
- SE3347 Appendix G Noise Compliance Statement.pdf
- 8. SE3347 Appendix H EMPr.pdf
- 9. d SE3347 Appendix I Generic OHL EMPr.pdf
- 10. d SE3347 Appendix J EAP Declaration.pdf
- 11. d SE3347 Appendix K Specialist Declarations.pdf
- 12. d SE3347 Appendix L DFFE Screening Tool Report.pdf
- 13. M SE3347 Appendix M Maps.pdf

APPENDIX C7 Comments Received





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@dffe.gov.za

Ms Jo-Anne Thomas Savannah Environmental (Pty) Ltd PO Box 148 SUNNINGHILL 2157

Telephone Number: (011) 656 3237

Email Address: joanne@savannahsa.com

PER MAIL / E-MAIL

Dear Ms Thomas

COMMENTS ON THE DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) AND ASSOCIATED INFRASTRUCTURE, NEAR SUTHERLAND, WITHIN THE KAROO HOOGLAND LOCAL MUNICIPALITY, THE NAMAWKA DISTRICT MUNICIPALITY, NORTHERN CAPE PROVINCE

The application form and draft Basic Assessment Report (BAR) dated May 2022 and received by this Department on 23 May 2022, refer.

This letter serves to inform you that the following information must be included to the final BAR:

(a) Public Participation Process

- i. The following information must be submitted with the final BAR:
 - a) A list of registered interested and affected parties as per Regulation 42 of the NEMA EIA Regulations, 2014, as amended:
 - b) Copies of all comments received during the draft BAR comment period; and
 - c) A comment and response report which contains all comments received and responses provided to all comments and issues raised during the public participation process for the draft BAR. Please note that comments received from this Department must also form part of the comment and response report.
- ii. Please ensure that all issues raised and comments received during the circulation of the draft BAR from registered I&APs and organs of state which have jurisdiction (including this Department's Biodiversity Section) in respect of the proposed activity are adequately addressed in the final BAR.
- iii. Proof of correspondence with the various stakeholders must be included in the final BAR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments. The Public Participation Process must be conducted in terms of Regulation 39, 40, 41, 42, 43 & 44 of the EIA Regulations 2014, as amended.

General

Please also ensure that the final BAR includes the period for which the Environmental Authorisation is required and the date on which the activity will be concluded as per Appendix 1(3)(1)(q) of the NEMA EIA Regulations, 2014, as amended.

You are further reminded to comply with Regulation 19(1)(a) of the NEMA EIA Regulations, 2014, as amended, which states that: "Where basic assessment must be applied to an application, the applicant must, within 90 days of receipt of the application by the competent authority, submit to the competent authority - (a) a basic assessment report, inclusive of specialist reports, an EMPr, and where applicable a closure plan, which have been subjected to a public participation process of at least 30 days and which reflects the incorporation of comments received, including any comments of the competent authority."

Should there be significant changes or new information that has been added to the BAR or EMPr which changes or information was not contained in the reports or plans consulted on during the initial public participation process, you are required to comply with Regulation 19(b) of the NEMA EIA Regulations, 2014, as amended, which states: "the applicant must, within 90 days of receipt of the application by the competent authority, submit to the competent authority – (b) a notification in writing that the basic assessment report, inclusive of specialist reports an EMPr, and where applicable, a closure plan, will be submitted within 140 days of receipt of the application by the competent authority, as significant changes have been made or significant new information has been added to the basic assessment report or EMPr or, where applicable, a closure plan, which changes or information was not contained in the reports or plans consulted on during the initial public participation process contemplated in subregulation (1)(a) and that the revised reports or, EMPr or, where applicable, a closure plan will be subjected to another public participation process of at least 30 days".

Should you fail to meet any of the timeframes stipulated in Regulation 19 of the NEMA EIA Regulations, 2014, as amended, your application will lapse.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No. 107 of 1998, as amended, that no activity may commence prior to an Environmental Authorisation being granted by the Department.

Yours sincerely

Milicent Solomons

Acting Chief Director: Integrated Environmental Authorisations

Department of Forestry, Fisheries and the Environment

Signed by: Dr Danie Smit

Designation: Deputy Director: National Infrastructure Projects

Date: 08/06/2022

cc:	Mr William George Price	Enel Green Power South Africa (Pty) Ltd	E-mail: Shaun.taylor@enel.com



Private Bag X447, Pretoria, 0001, Environment House, 473 Steve Biko Road, Pretoria, 0002 Tel: +27 12 399 9000, Fax: +27 86 625 1042

Reference: Karusa BESS & Associated infrastructure

Enquiries: Ms M Rabothata

Telephone: (012) 399 9174 E-mail: MRabothata@environment.gov.za

Ms Nondumiso Bulunga Savannah Environmental P.O. Box 148 SUNNINGHILL 2157

Telephone Number: (+ 27) 11 656 3237

Email Address: publicprocess@savannahsa.com

PER E-MAIL

Dear Ms. Bulunga

COMMENTS ON DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) AND ASSOCIATED INFRASTRUCTURE, ON FARM DE HOOP 202, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

The Directorate: Biodiversity Conservation reviewed and evaluated the draft report.

Based on the information provided in the report, the project area overlaps with a Critical Biodiversity Area (CBA 1) area, with the buffer of the BESS located in a CBA 2 area. In addition, the identified area has been previously utilised for laydown during the construction of the wind farm and is thus considered an already disturbed area. The environmental impact will therefore be limited. However, development in CBAs is undesirable as these are areas that have been identified as being of significance for biodiversity maintenance and ecological processes and the current proposed layout of the activity will result in the irreplaceable loss of part of the CBA and a loss of protected plant species.

As a result, no environmental fatal flaws were identified in the detailed specialist studies conducted, and no impacts of unacceptable or high significance are expected to occur with the implementation of the recommended mitigation measures. Therefore, the Directorate: Biodiversity Conservation does not have any objections on the proposed development provided mitigation measures are adhered to and implemented.

Notwithstanding the above, the following recommendations must be considered in the final report:

 Preconstruction walk-though of the approved development footprint must be conducted to ensure that sensitive habitats and species are avoided where possible.



COMMENTS ON DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) AND ASSOCIATED INFRASTRUCTURE, ON FARM DE HOOP 202, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

- Permits from relevant authorities must be obtained for the removal or disturbance of any TOPs,
 Red Data listed or provincially protected species.
- Appropriate buffer must be established around medium sensitive habitats (i.e., Wetlands and drainage lines).
- Sensitive habitats near the development footprint must be avoided or demarcated as No-Go areas (i.e., Rocky outcrops and drainage lines).
- Alien invasive Plant Species Management Plan and Rehabilitation Plan must be developed and submitted as part of the final report to mitigate on habitat degradation due to erosion and alien plant invasion.

In conclusion, please note that all Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries must be submitted to the Directorate: Biodiversity Conservation at Email: BCAdmin@environment.gov.za for attention of **Mr Seoka Lekota**.

Yours faithfully

Mr. Seoka Lekota

Control Biodiversity Officer Grade B: Biodiversity Conservation

Department of Forestry, Fisheries & the Environment

Letter signed by: Ms. MP Makitla

Designation: Control Biodiversity Officer Grade A

Date: 23/06/2022

KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) & ASSOCIATED INFRASTRUCTURE, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

Our Ref:



an agency of the Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za South African Heritage Resources Agency | 111 Harrington Street | Cape Town P.O. Box 4637 | Cape Town | 8001 www.sahra.org.za

Enquiries: Natasha Higgitt

Tel: 021 462 4502

Email: nhiggitt@sahra.org.za

CaseID: 18651

Date: Tuesday June 21, 2022

Page No: 1

Final Comment

In terms of Section 38(4), 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Enel Green Power South Africa (Pty) Ltd

Applicant: Enel Green Power South Africa (Pty) Ltd Proposed Activity: The development of a Battery Energy Storage System (BESS) and associated infrastructure. Infrastructure associated with the project will include the following: » 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. » Substation Max Height - HV bus-bar up to 10 m max - HV Building up to 4 m max Project Location: ~45km south of the town of Sutherland, on Portion 0 of Farm De Hoop 202, within the jurisdiction of the Karoo Hoogland Local Municipality and the Namakwa District Municipality in the Northern Cape Province.

Savannah Environmental (Pty) Ltd has been appointed by Enel Green Power South Africa (Pty) Ltd to conduct an Environmental Authorisation (EA) Application for the proposed Karusa Battery Energy Storage System (BESS) and associated infrastructure on the farm De Hoop 202, near Sutherland, Northern Cape Province.

A draft Basic Assessment report has been submitted in terms of the National Environmental Management Act, 1998 (NEMA) and the NEMA Environmental Impact Assessment (EIA) Regulations. The proposed development will include the construction of a BESS with a footprint of 6 ha, access roads, 33kV cabling between the BESS and the MV/HV substation and up to 132kV cabling to the HV substation, fencing, up to 132kV overhead or underground powerline to be connected to the existing Hidden Valley substation, temporary laydown area with the BESS footprint, firebreak and a substation.

CTS Heritage has been appointed to provide heritage specialist input into the EA process as per section 24(4)b(iii) of the NEMA and section 38(3) and section 38(8) of the National Heritage Resources Act, Act 25 of

KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) & ASSOCIATED INFRASTRUCTURE, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

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Email: nhiggitt@sahra.org.za

CaseID: 18651

1999 (NHRA).

Date: Tuesday June 21, 2022

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Lavin, J. 2022. Heritage Screener: Proposed Battery Energy Storage System and associated Grid Infrastructure at the Karusa Wind Energy Facility, Northern Cape.

The proposed development is located in areas that have been disturbed by the construction of substations, powerlines and roads. Previous heritage assessments conducted in the area did not identify any heritage resources within the proposed development area, with one heritage site identified to the north-east of the proposed development footprint. Previous palaeontological assessments have stated that the proposed development area is underlain by sediments of the Beaufort group and Abrahamskraal Formation and that the impact of the previously assessed Soetwater OHL development will be low.

Recommendations provided in the report include the following:

- If concentrations of historical and pre-colonial archaeological heritage material and/or human remains
 (including graves and burials) are uncovered during construction, all work in the vicinity must cease
 immediately and be reported to the South African Heritage Resources Agency (SAHRA) so that
 systematic and professional investigation/excavation can be undertaken. Phase 2 mitigation in the form
 of test-pitting/sampling or systematic excavations and collections of the pre-colonial shell middens and
 associated artefacts will then be conducted to establish the contextual status of the sites and possibly
 remove the archaeological deposit before development activities continue; and
- A person must be trained as a site monitor to report any archaeological sites found during the
 development. Construction managers/foremen and/or the Environmental Control Officer (ECO) should
 be informed before construction starts on the possible types of heritage sites and cultural material they
 may encounter and the procedures to follow when they find sites. The attached Chance Fossil Finds
 Procedure must be noted for inclusion into the EMPR to be adhered to in construction and excavation
 phases of development.

Final Comment

The following comments are made as a requirement in terms of section 3(4) of the NEMA Regulations and section 38(8) of the NHRA in the format provided in section 38(4) of the NHRA and must be included in the Final BAR and EMPr:

KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) & ASSOCIATED INFRASTRUCTURE, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

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Enquiries: Natasha Higgitt

Tel: 021 462 4502

Email: nhiggitt@sahra.org.za

CaseID: 18651

Date: Tuesday June 21, 2022

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- 38(4)a The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development;
- 38(4)b The recommendations of the specialists are supported and must be adhered to. No further additional specific conditions are provided for the development;
- 38(4)c(i) If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA APM Unit (Natasha Higgitt/Phillip Hine 021 462 5402) must be alerted as per section 35(3) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)c(ii) If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Thingahangwi Tshivhase/Ngqabutho Madida 012 320 8490), must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)d See section 51 of the NHRA regarding offences;
- 38(4)e The following conditions apply with regards to the appointment of specialists:
- If heritage resources are uncovered during the course of the development, a professional archaeologist
 or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to
 inspect the heritage resource. If the newly discovered heritage resources prove to be of archaeological
 or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued
 by SAHRA;
- The Final BAR and EMPr must be submitted to SAHRA for record purposes;
- The decision regarding the EA Application must be communicated to SAHRA and uploaded to the SAHRIS Case application.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) & ASSOCIATED INFRASTRUCTURE, NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

Our Ref:



an agency of the Department of Arts and Culture

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Enquiries: Natasha Higgitt Date: Tuesday June 21, 2022

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Tel: 021 462 4502

Email: nhiggitt@sahra.org.za

CaseID: 18651

Natasha Higgitt Heritage Officer

South African Heritage Resources Agency

Phillip Hine

Manager: Archaeology, Palaeontology and Meteorites Unit

South African Heritage Resources Agency

ADMIN:

Direct URL to case: https://sahris.sahra.org.za/node/597907

(DEA, Ref:)

Terms & Conditions:

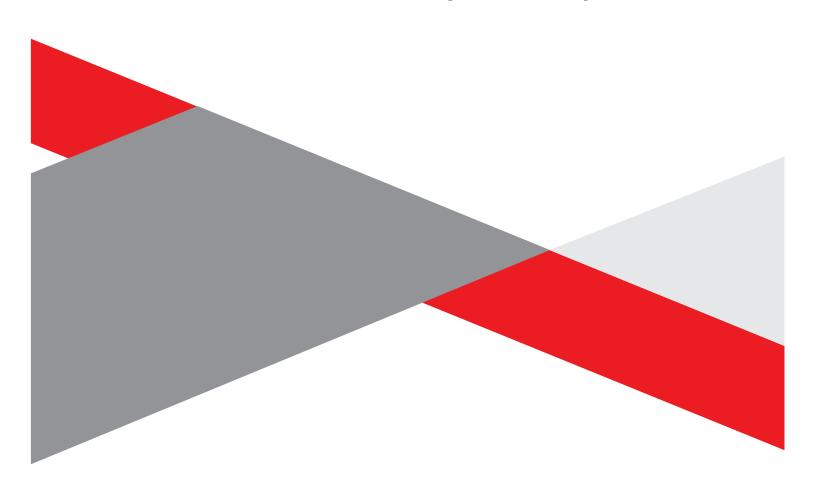
- 1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for
- 2. If any heritage resources, including graves or human remains, are encountered they must be reported to SAHRA immediately.
- 3. SAHRA reserves the right to request additional information as required.

APPENDIX C8 Minutes of Meetings



No meetings have taken place to date.

APPENDIX C9
Comments and Responses Report



KARUSA BATTERY ENERGY STORAGE SYSTEM (BESS) AND ASSOCIATED INFRASTRUCTURE, NORTHERN CAPE PROVINCE (DFFE Ref. No.: 14/12/16/3/3/1/2555)

COMMENTS AND RESPONSES REPORT

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The Karusa Battery Energy Storage System (BESS) Basic Assessment (BA) and associated infrastructure process was announced on Monday, 23 May 2022. The notification letter served to invite Interested and Affected Parties (I&APs) and Landowners to register their interest in the project and to submit any comments / queries that they might have. All written comments received during the BA process to date have been included in the table below.

The BA Report was made available for a 30-day review and comment period from **Monday**, **23 May 2022** until **Thursday**, **23 June 2022**. The Comments and Responses Report (C&RR) is updated with comments received during the review and comment period and included in **Appendix C8** of the final BA Report.

LIST OF ABBREVIATIONS / ACRONYMS

APM	Archaeology, Palaeontology and Meteorites Units	EA	Environmental Authorisation
ВА	Basic Assessment	EAP	Environmental Assessment Practitioner
BAR	Basic Assessment Report	EMPr	Environmental Management Programme
BESS	Battery Energy Storage System	I&AP	Interested and Affected Parties
BGG	Burial Grounds and Grave	NEMA	National Environmental Management Act
C&RR	Comments and Response Report	NHRA	National Heritage Resources Act
SAHRA	South African Heritage Resources Agency	TOPs	Threatened or Protected Species
SAHRIS	South African Heritage Resources Information System		

1. COMMENTS SUBMITTED DURING THE BASIC ASSESSMENT PHASE (INITIAL CONSULTATION & 30-DAY REVIEW PERIOD)

1.1. Organs of State

No.	Comment	Raised by	Response
1.	This letter serves to inform you that the following information	Milicent Solomons	
	must be included to the final BAR:	Acting Chief Director: Integrated	
		Environmental Authorisations	
	(a) Public Participation Process	Department of Forestry, Fisheries and	
		the Environment	
	i. The following information must be submitted with the final		» The full project database is appended to the final BA
	BAR:	Letter: 08 June 2022	Report, and is included in Appendix C1.
	a) A list of registered interested and affected parties as per		» A record of all the comments received and reference
	Regulation 42 of the NEMA EIA Regulations, 2014, as		engagement material is included in Appendix C7of the
	amended;		final BA Report.
	b) Copies of all comments received during the draft BAR		» The full Comment and Response Report (C&RR) which
	comment period; and		contains all comments received and responses
	c) A comment and response report which contains all		provided is appended to the final BA Report, Appendix
	comments received and responses provided to all		C9.
	comments and issues raised during the public participation		
	process for the draft BAR. Please note that comments		
	received from this Department must also form part of the		
	comment and response report.		
	ii. Please ensure that all issues raised and comments		A record of all the raised comments is appended to the final
	received during the circulation of the draft BAR from		BA Report; and is included in Appendix C7. A C&RR which
	registered I&APs and organs of state which have jurisdiction		contains all comments received and responses provided is
	(including this Department's Biodiversity Section) in respect		appended to the final BA Report, Appendix C9. Where
	of the proposed activity are adequately addressed in the		relevant, comments have been addressed in the Final BAR.
	final BAR.		
	iii. Proof of correspondence with the various stakeholders		All correspondence with various stakeholders is appended
	must be included in the final BAR. Should you be unable to		to the final BA Report – refer to Appendix C5 for Organs of
	obtain comments, proof should be submitted to the		State correspondence and Appendix C6 for
	Department of the attempts that were made to obtain		correspondence with Key Stakeholders and I&APs.

No.	Comment	Raised by	Response
	comments. The Public Participation Process must be		
	conducted in terms of Regulation 39, 40, 41, 42, 43 & 44 of		
	the EIA Regulations 2014, as amended.		
	<u>General</u>		
			Chapter 6, Section 6.5 of the Final BA Report provides a
	Please also ensure that the final BAR includes the period for		recommendation for the validity period of the
	which the Environmental Authorisation is required and the		Environmental Authorisation, i.e. 10 years.
	date on which the activity will be concluded as per		
	Appendix 1(3)(1)(q) of the NEMA EIA Regulations, 2014, as		
	amended.		
	You are further reminded to comply with Regulation		Regulation 19(1)(a) of the NEMA EIA Regulations of 2014
	19(1)(a) of the NEMA EIA Regulations, 2014, as amended,		have been complied with. The Final BA Report will be
	which states that: "Where basic assessment must be		submitted to the Department for consideration within the
	applied to an application, the applicant must, within 90		regulated 90-day period, and will be inclusive of an EMPr
	days of receipt of the application by the competent		and all specialist reports.
	authority, submit to the competent authority -		
	(a) a basic assessment report, inclusive of specialist reports,		
	an EMPr, and where applicable a closure plan, which have		
	been subjected to a public participation process of at least		
	30 days and which reflects the incorporation of comments		
	received, including any comments of the competent		
	authority."		
	Should there be significant changes or new information that		No significant changes have been made to the Draft BA
	has been added to the BAR or EMPr which changes or		Report which was submitted to the Department. There is
	information was not contained in the reports or plans		therefore no need for additional public participation in
	consulted on during the initial public participation process,		terms of Regulation 19(1)(b).
	you are required to comply with Regulation 19(b) of the		
	NEMA EIA Regulations, 2014, as amended, which states:		
	"the applicant must, within 90 days of receipt of the		
	application by the competent authority, submit to the		
	competent authority – (b) a notification in writing that the		
	basic assessment report, inclusive of specialist reports an		

No.	Comment	Raised by	Response
	EMPr, and where applicable, a closure plan, will be submitted within 140 days of receipt of the application by the competent authority, as significant changes have been made or significant new information has been added to the basic assessment report or EMPr or, where applicable, a closure plan, which changes or information was not contained in the reports or plans consulted on during the initial public participation process contemplated in subregulation (1)(a) and that the revised reports or, EMPr or, where applicable, a closure plan will be subjected to		
	another public participation process of at least 30 days". Should you fail to meet any of the timeframes stipulated in Regulation 19 of the NEMA EIA Regulations, 2014, as amended, your application will lapse. You are hereby reminded of Section 24F of the National Environmental Management Act, Act No. 107 of 1998, as amended, that no activity may commence prior to an Environmental Authorisation being granted by the Department.		The Final BA Report will be submitted to the Department for consideration within the regulated 90-day period. The comment is acknowledged as part of the process. No response is required.
2.	Based on the information provided in the report, the project area overlaps with a Critical Biodiversity Area (CBA 1) area, with the buffer of the BESS located in a CBA 2 area. In addition, the identified area has been previously utilized for laydown during the construction of the wind farm and is thus considered an already disturbed area. The environmental impact will, therefore, be limited. However, development in CBAs is undesirable as these are areas that have been identified as being of significance for biodiversity maintenance and ecological processes and the current proposed layout of the activity will result in the irreplaceable loss of part of the CBA and a loss of protected plant species. As a result, no environmental fatal flaws were	Mr. Seoka Lekota Control Biodiversity Officer Grade B: Biodiversity Conservation Department of Forestry, Fisheries & the Environment E-mail: 24 June 2022	 The comment is acknowledged as part of the process. I. A preconstruction walk-through of the approved development footprint will be conducted to ensure that sensitive habitats and species are avoided where possible (Refer to Chapter 6, section 6.4 of the BAR and section 2.7 of the EMPr). II. Permits from relevant authorities will be obtained for the removal or disturbance of any TOPs, Red Data listed or provincially protected species (Refer to chapter 3, Table 3.7; Chapter 5, section 5.3.1; Chapter 6, section 6.6.2 and section 6.4 of the BAR and sections 2.4.1, 2.7 and 5.1 of the EMPr).

No.	Comment		Raised by	Res	ponse
	identified i	n the detailed specialist studies conducted, and		III.	Appropriate buffer will be established around medium
	no impac	ts of unacceptable or high significance are			sensitive habitats (i.e., Wetlands and drainage lines)
	expected	to occur with the implementation of the			(refer to chapter 5, section 5.3.1 and Chapter 6,
	recommer	nded mitigation measures. Therefore, the			section 6.2.2 of the BAR and section 2.6 and 2.7 of the
	Directorate	e: Biodiversity Conservation does not have any			EMPr).
	objections	on the proposed development provided		IV.	Sensitive habitats near the development footprint will
	mitigation	measures are adhered to and implemented.			be avoided or demarcated as No-Go areas (i.e.,
	Notwithsta	inding the above, the following			Rocky outcrops and drainage lines) (Refer to Chapter
	recommer	ndations must be considered in the final report:			6, section 6.5 of the BAR and section 2.7 of the EMPr).
	I.	Preconstruction walk-through of the approved		٧.	Alien invasive Plant Species Management Plan and
		development footprint must be conducted to			Rehabilitation Plan has been developed and
		ensure that sensitive habitats and species are			submitted as appendix F of the EMPR.
		avoided where possible.		VI.	All the Public Participation Process documents related
	II.	Permits from relevant authorities must be			to biodiversity EIA review and any other Biodiversity EIA
		obtained for the removal or disturbance of any			queries, if any, will be submitted to the Directorate:
		TOPs, Red Data listed or provincially protected			Biodiversity Conservation at Email:
		species.			BCAdmin@enviornment.gov.za for attention of Mr
	III.	Appropriate buffer must be established around			Seoka Lekota.
		medium sensitive habitats (i.e., Wetlands and			
		drainage lines).			
	IV.	Sensitive habitats near the development			
		footprint must be avoided or demarcated as			
		No-Go areas (i.e., Rocky outcrops and			
		drainage lines).			
	V.	Alien invasive Plant Species Management Plan			
		and Rehabilitation Plan must be developed			
		and submitted as part of the final report to			
		mitigate on habitat degradation due to			
		erosion and alien plant invasion.			
	VI.	In conclusion, please note that all the Public			
		Participation Process documents related to			
		biodiversity EIA review and any other			

No.	Comment		Raised by	Response
		Biodiversity EIA queries must be submitted to the Directorate: Biodiversity Conservation at Email: BCAdmin@enviornment.gov.za for attention of Mr Seoka Lekota.		
3.	comments	ed telephonically, at the moment no specific s relating to this project can be provided to you e ones you have received on the letter dated	Mmatlala Rabothata Biodiversity Conservation Department of Forestry, Fisheries & the Environment Email: 27/06/2022	This comment is acknowledged as part of the process.
4.	I. III.	38(4)a – The SAHRA (South African Heritage Resources Agency) Archaeology, Paleontology and Meteorites (APM) Unit has no objections to the proposed development. 38(4)b – The recommendations of the specialists are supported and must be adhered to. No further additional specific conditions are provided for the development. 38(4)c(i) – if any evidence of archaeological sites or remains (e.g., remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal, and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA APM Unit must be alerted as per section 35(3) of the NHRA (National Heritage Resources Act No 25 of 1999). Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the schedule. 38(4)c(ii) – if unmarked human burials are uncovered, the SAHRA Burial Grounds and	Phillip Hine Manager: Archaeology, Paleontology and Meteorites Unit South African Heritage Resources Agency Email: 21 June 2022	 i. This comment is acknowledged as part of the process. ii. All recommendations from the specialists will be adhered to. iii. The SAHRA APM unit will be notified if any evidence of archaeological sites or remains, fossils or other categories of heritage resources are found (Refer to section 6.2, objective 8 of the EMPr). iv. If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit, will be alerted immediately as per section 36(6) of the NHRA (Refer to section 6.2, objective 8 of the EMPr). v. This comment is acknowledged. vi. This comment is acknowledged and included in Chapter 6, section 6.5 of the BAR). This will be adhered to. The Final BA report and EMPr (Environmental Management Programme) will be submitted to SAHRA for record purposes. The decision regarding the EA (Environmental Authorisation) Application will be communicated to SAHRA and uploaded to the SAHRIS (South

No.	Comment		Raised by	Response
		Graves (BGG) Unit, must be alerted		African Heritage Resources Information System)
		immediately as per section 36(6) of the NHRA.		Case application.
		Non-compliance with section of the NHRA is an		
		offense in terms of section 51(1)e of the NHRA		
		and item 5 of the Schedule.		
	V.	38(4)d – See section 51 of the NHRA regarding		
		offences.		
	VI.	38(4)e - The following conditions apply with		
		regards to the appointment of specialists:		
	•	If heritage resources are uncovered during the		
		course of the development, a professional		
		archaeologist or paleontologist, depending on		
		the nature of the finds, must be contracted as		
		soon as possible to inspect the heritage		
		resource. If the newly discovered heritage		
		resources prove to be of archaeological or		
		paleontological significance, a phase 2 rescue		
		operation may be required subject to permits		
		issued by SAHRA (refer to section 2.4.2 and		
		section 6.2 (objective 9) of the EMPr).		
	•	The Final BA report and EMPr (Environmental		
		Management Programme) must be submitted		
		to SAHRA for record purposes.		
	•	The decision regarding the EA (Environmental		
		Authorisation) Application must be		
		communicated to SAHRA and uploaded to the		
		SAHRIS (South African Heritage Resources		
		Information System) Case application.		

1.2. Key Stakeholders and I&APs

No comments have been received to date.