

Dale Holder

From: Mariette Liefferink <mariette@pea.org.za>
Sent: Wednesday, 09 March 2022 20:49
To: Dale Holder
Subject: RE: NOTIFICATION OF AVAILABILITY OF DRAFT SCOPING REPORT FOR THE PROPOSED EUPHORBIA PV, HILLARDIA PV AND VERBENA PV ON PORTIONS 2, 3 & 4 OF THE FARM HOUTHAAALBOOMEN

Noted, with thanks.

Best Regards
Mariette Liefferink
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT
TEL. (+27) 11 465 6910
(+27) 73 231 4893
Postnet Suite #113, Private Bag X153, Bryanston, 2021
E-MAIL: mariette@pea.org.za

PLEASE NOTE: The FSE wants to ensure that your information is accurate and up to date. You may ask us to correct or remove any information that you think is inaccurate, by sending us an email to mariette@pea.org.za. You have the right to request us to provide you with information that we hold about you. You can contact us directly to do so or send an email to mariette@pea.org.za. We retain information in accordance with the required retention periods in law or with regard to matters in which the FSE has a legitimate interest. We will only retain your information for the purposes explicitly set out in the FSE's Privacy Policy, which can be accessed on the FSE's website (www.fse.org.za).

From: Dale Holder <dale@cape-eaprac.co.za>
Sent: 08 March 2022 02:00 PM
To: andre.duplessis@misa.gov.za; artshabadira@gmail.com; boikanyo0515@gmail.com; CherityG@daff.gov.za; chrisduplessis@nwisp.co.za; CWessels@nwpg.gov.za; david.nunez@siriuspower.co.za; digiteltech@webmail.co.za; drferdi@denand.co.za; ebvanwyk@gmail.com; energy@birdlife.org.za; GeerinJH@eskom.co.za; henrynel@telkomsa.net; isetshoane@environment.gov.za; ivy@nwisp.co.za; jacovennas@gmail.com; janse@agrisa.co.za; Kgalamothebedi@gmail.com; kgalamothebedi@gmail.com; kinglebogangmongale04@gmail.com; leeubos@gmail.com; letlhakujay@gmail.com; letlhakujonas@gmail.com; louisavd@nwisp.co.za; M2Kscons@gmail.com; mabuzap@dws.gov.za; mariette@pea.org.za; marlize@agrinw.co.za; mashuduma@daff.gov.za; mbengoc@nmmdm.gov.za; mbengoc@nmmdm.gov.za; mddikoko@gmail.com; metswamere@ymail.com; mohetabuti@gmail.com; Buti.moheta@gmail.com; moiloag24@gmail.com; motlhabane@gmail.com; motsamaib@nmmdm.gov.za; msundani@environment.gov.za; nel.1305@yahoo.com; nicolene@savannahsa.com; odendaalbraaikuiakens@gmail.com; odendaalbraaikuiakens@gmail.com; Pieter.Swart@dmr.gov.za; lpeleng.Wesi@dmr.gov.za; Pkrisjan@nwpg.gov.za; pulejack@gmail.com; pulenyane@nmmdm.gov.za; raatom@gmail.com; rataus@dws.gov.za; rlebu4139@gmail.com; sambulom@nda.agric.za; Sele KaneP@daff.gov.za; slekota@environment.gov.za; BCAdmin@environment.gov.za; tboshoff@nwpg.gov.za; tiaan6402@gmail.com; Tsholofelo.dinaane99@yahoo.com; vanniekerkgiet@mitsobotla.gov.za; wanda@agrinw.co.za; wanda@agrinw.co.za; wanda@agrinw.co.za; wanda@agrinw.co.za; wanda@agrinw.co.za; wessels@nwiso.co.za; wessels@nwiso.co.za; wessels@nwiso.co.za; oskosana@nwpg.gov.za
Subject: NOTIFICATION OF AVAILABILITY OF DRAFT SCOPING REPORT FOR THE PROPOSED EUPHORBIA PV, HILLARDIA PV AND VERBENA PV ON PORTIONS 2, 3 & 4 OF THE FARM HOUTHAAALBOOMEN

Dear Potential Interested and Affected Party

NOTIFICATION OF AVAILABILITY OF DRAFT SCOPING REPORT FOR THE PROPOSED EUPHORBIA PV, HILLARDIA PV AND VERBENA PV ON PORTIONS 2, 3 & 4 OF THE FARM

HOUTHAALBOOMEN SITUATED NEAR LICHTENBURG, IN THE DITSOBOTLA LOCAL MUNICIPALITY OF THE NORTH-WEST PROVINCE.

DFFE Reference No. : 2022-01-0009 (Pre-Application Reference Number)

DFFE Case Officer : Ms Azrah Essop

Kindly find the attached notification regarding the availability of the Draft Scoping Report for the proposed Euphorbia, Hillardia and Verbena PV facilities on Portions 2, 3 and 4 of the Farm Houthaalboomen 31 near Lichtenburg in the Northwest Province.

You are hereby notified that the Draft Scoping Report (SR) is available for review and comment from **08 March 2022 – 08 April 2022**.

Please note, that other than the Cape EAPrac website, the Draft Scoping Reports and all appendices are also available on the dedicated download link below.

<https://www.dropbox.com/scl/fo/getaayw0qiv91lc8aruh3/h?dl=0&rlkey=8p520vp4xspwyko24cmj8pw2s>

Should you not be able to access the digital platforms above, please contact Cape EAPrac on the contact details below and we will arrange an alternative mechanism of providing access to the report.

Please contact the undersigned, should you have any further queries in this regard.

Sincerely,

Dale Holder | 082 448 9225
SENIOR CONSULTANT | ECO | GIS
Ndip Nat. Con. (Pretoria Tech)

T: 044 874 0365
F: 044 874 0432
17 Progress Street, George
PO Box 2070, George 6530



Please Note: When registering as an Interested and Affected Party (I&AP), you 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). Your information will be used for this project, including the initial application as well as subsequent related appeals, amendments or audits, or any future project where you are identified as an I&AP. You also agree that by submitting comment to inform this process, your contact details will, where required by a public body, be reflected in our regulated reports that must be compiled and submitted to the general public, registered stakeholders, organs of state as well as the competent authority for consideration and decision-making.

Kindly view our Privacy Statement for more information.

Dale Holder

From: Tsholofelo Shalot Sekonko <tsekonko@dffe.gov.za>
Sent: Friday, 11 March 2022 11:57
To: Dale Holder
Cc: MMatlala Rabothata; Tsholofelo Shalot Sekonko
Subject: NOTIFICATION OF AVAILABILITY OF DRAFT SCOPING REPORT FOR THE PROPOSED EUPHORBIA PV, HILLARDIA PV AND VERBENA PV ON PORTIONS 2, 3 & 4 OF THE FARM HOUTHAAALBOOMEN

Dear Sir/Madam

DFFE Directorate: Biodiversity Conservation hereby acknowledge receipt of the invitation to review and comment on the Draft Scoping Report for the proposed Euphorbia, Hillardia and Verbena PV facilities on Portions 2, 3 and 4 of the Farm Houthaalboomen 31 near Lichtenburg in the Northwest Province. Kindly note that the project has been allocated to Ms Rabothata and myself (both copied on this email).

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

Regards,
Ms. Tsholofelo Sekonko
Intern: Biodiversity Mainstreaming EIA
Department of Forestry, Fisheries and the Environment
473 Steve Biko and Soutpansberg Streets
Pretoria
Tel: (012) 399 9621
Email: tsekonko@environment.gov.za

'Please consider the environment before you print this email' The processing of personal information by the Department of Forestry, Fisheries and the Environment is done lawfully and not excessive to the purpose of processing in compliance with the POPI Act, any codes of conduct issued by the Information Regulator in terms of the POPI Act and / or relevant legislation providing appropriate security safeguards for the processing of personal information of others.

Dale Holder

From: Dale Holder
Sent: Friday, 11 March 2022 12:01
To: Tsholofelo Shalot Sekonko
Cc: MMatlala Rabothata
Subject: RE: NOTIFICATION OF AVAILABILITY OF DRAFT SCOPING REPORT FOR THE PROPOSED EUPHORBIA PV, HILLARDIA PV AND VERBENA PV ON PORTIONS 2, 3 & 4 OF THE FARM HOUTHAAALBOOMEN

Thank you very Much Tsholofelo and Mmatlala

Please let me know if you need any further information or clarity.

I look forward to receiving your comment.

Best Regards,

Dale Holder | 082 448 9225
SENIOR CONSULTANT | ECO | GIS
Ndip Nat. Con. (Pretoria Tech)

T: 044 874 0365
F: 044 874 0432
17 Progress Street, George
PO Box 2070, George 6530



Please Note: When registering as an Interested and Affected Party (I&AP), you 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). Your information will be used for this project, including the initial application as well as subsequent related appeals, amendments or audits, or any future project where you are identified as an I&AP. You also agree that by submitting comment to inform this process, your contact details will, where required by a public body, be reflected in our regulated reports that must be compiled and submitted to the general public, registered stakeholders, organs of state as well as the competent authority for consideration and decision-making.

Kindly view our Privacy Statement for more information.

From: Tsholofelo Shalot Sekonko <tsekonko@dffe.gov.za>
Sent: Friday, 11 March 2022 11:57
To: Dale Holder <dale@cape-eaprac.co.za>
Cc: MMatlala Rabothata <MRABOTHATA@dffe.gov.za>; Tsholofelo Shalot Sekonko <tsekonko@dffe.gov.za>
Subject: NOTIFICATION OF AVAILABILITY OF DRAFT SCOPING REPORT FOR THE PROPOSED EUPHORBIA PV, HILLARDIA PV AND VERBENA PV ON PORTIONS 2, 3 & 4 OF THE FARM HOUTHAAALBOOMEN

Dear Sir/Madam

DFFE Directorate: Biodiversity Conservation hereby acknowledge receipt of the invitation to review and comment on the Draft Scoping Report for the proposed Euphorbia, Hillardia and Verbena PV facilities on Portions 2, 3 and 4 of the Farm Houthaalboomen 31 near Lichtenburg in the Northwest Province. Kindly note that the project has been allocated to Ms Rabothata and myself (both copied on this email).

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

Regards,
Ms. Tsholofelo Sekonko
Intern:Biodiversity Mainstreaming EIA
Department of Forestry, Fisheries and the Environment
473 Steve Biko and Soutpansberg Streets
Pretoria
Tel: (012) 399 9621
Email: tsekonko@environment.gov.za

'Please consider the environment before you print this email' The processing of personal information by the Department of Forestry, Fisheries and the Environment is done lawfully and not excessive to the purpose of processing in compliance with the POPI Act, any codes of conduct issued by the Information Regulator in terms of the POPI Act and / or relevant legislation providing appropriate security safeguards for the processing of personal information of others.

Dale Holder

From: Itumeleng Setshoane <isetshoane@dffe.gov.za>
Sent: Thursday, 07 April 2022 16:02
To: Dale Holder
Cc: Mulalo Sundani
Subject: RE: NOTIFICATION OF AVAILABILITY OF DRAFT SCOPING REPORT FOR THE PROPOSED EUPHORBIA PV, HILLARDIA PV AND VERBENA PV ON PORTIONS 2, 3 & 4 OF THE FARM HOUTHAAALBOOMEN
Attachments: CCF20220407_00001.jpg; CCF20220407_00002.jpg

Good day Dale

Kindly receive the attached comments.

Regards

Itumeleng Setshoane

From: Dale Holder <dale@cape-eaprac.co.za>
Sent: Tuesday, 08 March 2022 14:00
To: andre.duplessis@misa.gov.za; artshabadira@gmail.com; boikanyo0515@gmail.com; CherityG@daff.gov.za; chrisduplessis@nwisp.co.za; cwessels <cwessels@nwpg.gov.za>; david.nunez@siriuspower.co.za; digiteltech@webmail.co.za; drferdi@denand.co.za; ebvanwyk@gmail.com; energy@birdlife.org.za; GeerinJH@eskom.co.za; henrynel@telkomsa.net; Itumeleng Setshoane <isetshoane@dffe.gov.za>; ivy@nwisp.co.za; jacovennas@gmail.com; janse@agrisa.co.za; Kgalamothibedi@gmail.com; kgalamothibedi@gmail.com; kinglebogangmongale04@gmail.com; leeubos@gmail.com; letlhakujay@gmail.com; letlhakujonas@gmail.com; louisavd@nwisp.co.za; M2Kscons@gmail.com; mabuzap@dws.gov.za; mariette@pea.org.za; marlize@agrinw.co.za; mashuduma@daff.gov.za; mbengoc@nmmdm.gov.za; mbengoc@nmmdm.gov.za; mddikoko@gmail.com; metswamere@ymail.com; mohetabuti@gmail.com; Buti.moheta@gmail.com; moiloag24@gmail.com; motlhabane@gmail.com; motsamaib@nmmdm.gov.za; Mulalo Sundani <msundani@dffe.gov.za>; nel.1305@yahoo.com; nicolene@savannahsa.com; odendaalbraaikuikens@gmail.com; odendaalbraaikuikens@gmail.com; Pieter.Swart@dmr.gov.za; lpeleng.Wesi@dmr.gov.za; P. Krisjan <PKrisjan@nwpg.gov.za>; pulejack@gmail.com; pulenyanek@nmmdm.gov.za; raatom@gmail.com; rataus@dws.gov.za; rlebu4139@gmail.com; sambulom@nda.agric.za; SelekaneP@daff.gov.za; Seoka Lekota <SLEKOTA@dffe.gov.za>; BC Admin <badmin@dffe.gov.za>; tboshoff <tboshoff@nwpg.gov.za>; tiaan6402@gmail.com; Tsholofelo.dinaane99@yahoo.com; vanniekerkgiet@ditsobotla.gov.za; wanda@agrinw.co.za; wanda@agrinw.co.za; wanda@agrinw.co.za; wanda@agrinw.co.za; wanda@agrinw.co.za; wessels@nwiso.co.za; wessels@nwiso.co.za; wessels@nwiso.co.za; oskosana@nwpg.gov.za
Subject: NOTIFICATION OF AVAILABILITY OF DRAFT SCOPING REPORT FOR THE PROPOSED EUPHORBIA PV, HILLARDIA PV AND VERBENA PV ON PORTIONS 2, 3 & 4 OF THE FARM HOUTHAAALBOOMEN

Dear Potential Interested and Affected Party

NOTIFICATION OF AVAILABILITY OF DRAFT SCOPING REPORT FOR THE PROPOSED EUPHORBIA PV, HILLARDIA PV AND VERBENA PV ON PORTIONS 2, 3 & 4 OF THE FARM HOUTHAAALBOOMEN SITUATED NEAR LICHTENBURG, IN THE DITSOBOTLA LOCAL MUNICIPALITY OF THE NORTH-WEST PROVINCE.

DFFE Reference No. : 2022-01-0009 (Pre-Application Reference Number)
DFFE Case Officer: : Ms Azrah Essop

Kindly find the attached notification regarding the availability of the Draft Scoping Report for the proposed Euphorbia, Hillardia and Verbena PV facilities on Portions 2, 3 and 4 of the Farm Houthaalboomen 31 near Lichtenburg in the Northwest Province.

You are hereby notified that the Draft Scoping Report (SR) is available for review and comment from **08 March 2022 – 08 April 2022**.

Please note, that other than the Cape EAPrac website, the Draft Scoping Reports and all appendices are also available on the dedicated download link below.

<https://www.dropbox.com/scl/fo/getaayw0qiv91lc8aruh3/h?dl=0&rlkey=8p520vp4xspwyko24cmj8pw2s>

Should you not be able to access the digital platforms above, please contact Cape EAPrac on the contact details below and we will arrange an alternative mechanism of providing access to the report.

Please contact the undersigned, should you have any further queries in this regard.

Sincerely,

Dale Holder | 082 448 9225
SENIOR CONSULTANT | ECO | GIS
Ndip Nat. Con. (Pretoria Tech)

T: 044 874 0365
F: 044 874 0432
17 Progress Street, George
P O Box 2070, George 6530



Please Note: When registering as an Interested and Affected Party (I&AP), you 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). Your information will be used for this project, including the initial application as well as subsequent related appeals, amendments or audits, or any future project where you are identified as an I&AP. You also agree that by submitting comment to inform this process, your contact details will, where required by a public body, be reflected in our regulated reports that must be compiled and submitted to the general public, registered stakeholders, organs of state as well as the competent authority for consideration and decision-making.

Kindly view our Privacy Statement for more information.



NWC001/22

Forestry Regulation and Support, Department of Forestry, Fisheries and the Environment
37 Steen Street, Rustenburg, 0300:

Enquiries: Mr I Setshoane: Tel: 014 592 1830/082 808 4167 Fax: 014 592 6072; Email:
isetshoane@dffe.gov.za or rhizina@gmail.com

Cape Environmental Assessment Practitioners (PTY) LTD

Date Holder

P.O. Box 2070

George

6530

Email: dale@cape-eaprac.co.za

Dear Sir/Madam

**COMMENTS ON THE DRAFT SCOPING REPORT FOR THE PROPOSED EUPHOBIA PV,
HILLARDIA PV AND VERBENA PV ON PORTION 2,3, & 4 OF THE FARM HOUTHAALBOOMEN,
DITSOBOTLA LOCAL MUNICIPALITY, NORTH WEST.**

I hereby acknowledge the opportunity to provide comments on the abovementioned reports, that were received. We thus comment as follows:

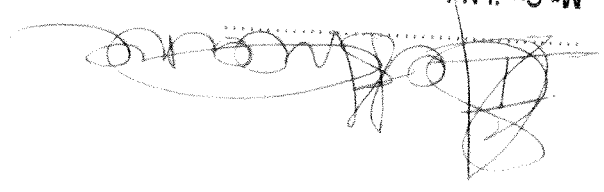
1. The mandate of the Department Forestry, Fisheries and the Environment (DFFE): Forestry Branch as an Environmental Impact Assessment Commenting Authority is responsible for implementing the National Forest Act, Act 84 of 1998 as amended (NFA).

2. Vachellia erioloba (Camel thorn) tree species were identified in Euphorbia PV, Hillardia PV, and Verberna PV sites.

For more information on the matter, kindly contact Mr Lufuno Nevhufumba at nevhufumba@dtff.gov.za mobile 072 146 0080

4. A copy of license application will be attached with the comments.
3. A license application for Protected Trees must be completed and forwarded to NW Office for further processing to issue a license to remove, destroy, cut, disturb and or damage the trees as per Section 15 (1 A and B), of the Act, 84 of 1998.

Regards



Mr Cyril Ndou

Director: Forestry Management Other Regions

Department Forestry Fisheries and the Environment

Letter signed by: Itumeleng Setshoane

Designation: Assistant Director: Forestry Regulations and Support North West

Date: 07/04/2022

Dale Holder

From: MMatlala Rabothata <MRABOTHATA@dffe.gov.za>
Sent: Monday, 11 April 2022 11:54
To: Dale Holder
Subject: Comments for Hillardia, Euphobia and Verbena PV houthaalboomen cluster
Attachments: Signed Comments for the Proposed Euphorbia PV Hillardia PV Verbena PV.pdf

Dear Mr Holder,

Please receive the attached comments from Directorate :Biodiversity Conservation for your attention and implementation.

Trust that you find all in order.

Regards,
Ms M Rabothata
Tel: 012 399 9174



forestry, fisheries & the environment

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

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

Reference: Hillardia PV, Euphorbia PV & Verbena PV Facilities

Enquiries: Ms Mmatlala Rabothata

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

Mr Dale Holder
Cape EAPrac Environmental Assessment Practitioners
PO Box 2070
GEORGE
6530

Telephone Number: (+27) 44-874 0365
Email Address: dale@cape-eaprac.co.za

PER E-MAIL

Dear Mr Holder

COMMENTS ON DRAFT SCOPING REPORT (DSR) FOR THE PROPOSED DEVELOPMENT OF HOUTHAAALBOOMEN PV CLUSTER CONSISTING OF HILLARDIA PV, EUPHORBIA PV AND VERBENA PV FACILITIES AND ASSOCIATED INFRASTRUCTURES, ON PORTIONS 2, 3 AND 4 OF THE FARM HOUTHAAALBOOMEN 31, LICHTENBURG, NORTH WEST PROVINCE

The Directorate: Biodiversity Conservation reviewed and evaluated the aforementioned draft report. Based on the information provided in the specialist report, the project area falls within an Ecological Support Area (ESA) and was identified by the environmental screening tool as possessing in a 'Very High' sensitivity within a terrestrial biodiversity context. The proposed development does not occur within any protected area but is within proximity to a NPAES area. No water resources were identified within the project area. A nationally protected tree *Vachellia erioloba* is expected to occur in the project area.

Notwithstanding the above, the following recommendations must be considered during the next EIA Phase:

- The final sensitivity Layout Map overlaid with sensitivities and indicating the final footprint for the proposed development must avoid environmentally sensitive areas and be included in the Final Scoping report.
- The detailed Biodiversity Specialist studies must be conducted, updated and submitted in your final report.



COMMENTS ON DRAFT SCOPING REPORT (DSR) FOR THE PROPOSED DEVELOPMENT OF HOUTHAALBOOMEN PV CLUSTER CONSISTING OF HILLARDIA PV, EUPHORBIA PV AND VERBENA PV FACILITIES AND ASSOCIATED INFRASTRUCTURES, ON PORTIONS 2, 3 AND 4 OF THE FARM HOUTHAALBOOMEN 31, LICHTENBURG, NORTH WEST PROVINCE

- Guideline for the review of specialist input in Environmental Impact Assessment (EIA) processes must be consulted in order to include the findings of the specialist studies in the final report.
- All the environmental impacts must be identified and evaluated in terms of its significance ratings.
- Preconstruction walk-through of the approved development footprint must be conducted to ensure that sensitive habitats and species are avoided where possible.
- Alien Invasive Plant 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.

The final report must comply with all the requirements as outlined in the Environmental Impact Assessment (EIA) guideline for renewable energy projects and the Best Practice Guideline for Birds & Solar Energy for assessing and monitoring the impact of solar energy facilities on birds in Southern Africa.

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

Date: 11/04/2022

TO WHOM IT MAY CONCERN

Eskom requirements for work in or near Eskom servitudes.

1. Eskom's rights and services must be acknowledged and respected at all times.
2. Eskom shall at all times retain unobstructed access to and egress from its servitudes.
3. Eskom's consent does not relieve the developer from obtaining the necessary statutory, land owner or municipal approvals.
4. Any cost incurred by Eskom as a result of non-compliance to any relevant environmental legislation will be charged to the developer.
5. If Eskom has to incur any expenditure in order to comply with statutory clearances or other regulations as a result of the developer's activities or because of the presence of his equipment or installation within the servitude restriction area, the developer shall pay such costs to Eskom on demand.
6. The use of explosives of any type within 500 metres of Eskom's services shall only occur with Eskom's previous written permission. If such permission is granted the developer must give at least fourteen working days prior notice of the commencement of blasting. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued in terms of the blasting process. It is advisable to make application separately in this regard.
7. Changes in ground level may not infringe statutory ground to conductor clearances or statutory visibility clearances. After any changes in ground level, the surface shall be rehabilitated and stabilised so as to prevent erosion. The measures taken shall be to Eskom's satisfaction.
8. Eskom shall not be liable for the death of or injury to any person or for the loss of or damage to any property whether as a result of the encroachment or of the use of the servitude area by the developer, his/her agent, contractors, employees, successors in title, and assignees. The developer indemnifies Eskom against loss, claims or damages including claims pertaining to consequential damages by third parties and whether as a result of damage to or interruption of or interference with Eskom's services or apparatus or otherwise. Eskom will not be held responsible for damage to the developer's equipment.
9. No mechanical equipment, including mechanical excavators or high lifting machinery, shall be used in the vicinity of Eskom's apparatus and/or services, without prior written permission having been granted by Eskom. If such permission is granted the developer must give at least seven working days' notice prior to the commencement of work. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued by the relevant Eskom Manager

Note: Where and electrical outage is required, at least fourteen work days are required to arrange it.

10. Eskom's rights and duties in the servitude shall be accepted as having prior right at all times and shall not be obstructed or interfered with.
11. Under no circumstances shall rubble, earth or other material be dumped within the servitude restriction area. The developer shall maintain the area concerned to Eskom's satisfaction. The developer shall be liable to Eskom for the cost of any remedial action which has to be carried out by Eskom.
12. The clearances between Eskom's live electrical equipment and the proposed construction work shall be observed as stipulated by *Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993)*.
13. Equipment shall be regarded electrically live and therefore dangerous at all times.
14. In spite of the restrictions stipulated by Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), as an additional safety precaution, Eskom will not approve the erection of houses, or structures occupied or frequented by human beings, under the power lines or within the servitude restriction area.
15. Eskom may stipulate any additional requirements to highlight any possible exposure to Customers or Public to coming into contact or be exposed to any dangers of Eskom plant.
16. It is required of the developer to familiarise himself with all safety hazards related to Electrical plant.
17. Any third party servitudes encroaching on Eskom servitudes shall be registered against Eskom's title deed at the developer's own cost. If such a servitude is brought into being, its existence should be endorsed on the Eskom servitude deed concerned, while the third party's servitude deed must also include the rights of the affected Eskom servitude.

John Geeringh (Pr Sci Nat)(EAPASA)
Senior Consultant Environmental Management
Eskom Transmission Division: Land & Rights
Megawatt Park, D1Y42, Maxwell Drive, Sunninghill, Sandton.
P O Box 1091, Johannesburg, 2000.
Tel: 011 516 7233
Cell: 083 632 7663
Fax: 086 661 4064
E-mail: john.geeringh@eskom.co.za

	SCOT	Technology
---	------	------------

Title: **Renewable Energy Generation Plant Setbacks to Eskom Infrastructure** Unique Identifier: **240-65559775**

Alternative Reference Number: **N/A**

Area of Applicability: **Power Line Engineering**




Documentation Type: **Guideline**

Revision: **2**

Total Pages: **9**

Next Review Date: **N/A**

Disclosure Classification: **CONTROLLED DISCLOSURE**

Compiled by	Approved by	Authorised by
		
J W Chetty Mechanical Engineer	B Ntshuntsha Chief Engineer (Lines)	R A Vajeth Snr Manager (Lines) and SCOT/SC/ Chairperson
Date: 15 / 09 / 2020	Date: 30/10/2020	Date: 30/10/2020

CONTENTS

	Page
EXECUTIVE SUMMARY	3
1. INTRODUCTION	4
2. SUPPORTING CLAUSES	4
2.1 SCOPE	4
2.1.1 Purpose	5
2.1.2 Applicability	5
2.2 NORMATIVE/INFORMATIVE REFERENCES	5
2.2.1 Normative	5
2.2.2 Informative	5
2.3 DEFINITIONS	6
2.3.1 Disclosure Classification	6
2.4 ABBREVIATIONS	6
2.5 ROLES AND RESPONSIBILITIES	6
2.6 PROCESS FOR MONITORING	6
2.7 RELATED/SUPPORTING DOCUMENTS	6
3. DOCUMENT CONTENT	6
3.1 INTERNATIONAL SETBACK COMPARISON	6
3.2 ESKOM REQUIRED SETBACKS	7
4. AUTHORISATION	9
5. REVISIONS	9
6. DEVELOPMENT TEAM	9

FIGURES

Figure 1: Horizontal Axis Wind Turbine	8
--	---

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

EXECUTIVE SUMMARY

In recent decades, the use of wind turbines, concentrated solar plants and photovoltaic plants have been on the increase as it serves as an abundant source of energy. This document specifies proposed setbacks for wind turbines and the reasons for these setbacks from infrastructure as well as setbacks for concentrated solar plants and photovoltaic plants. Setbacks for wind turbines employed in other countries were compared and a general setback to be used by Eskom was suggested for use with wind turbines and other renewable energy generation plants.

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

1. INTRODUCTION

During the last few decades, a large amount of wind turbines have been installed in wind farms to accommodate for the large demand of energy and depleting fossil fuels. Wind is one of the most abundant sources of renewable energy. Wind turbines harness the energy of this renewable resource for integration in electricity networks. The extraction of wind energy is its primary function and thus the aerodynamics of the wind turbine is important. There are many different types of wind turbines which will all exhibit different wind flow characteristics. The most common wind turbine used commercially is the Horizontal Axis Wind Turbine. Wind flow characteristics of this turbine are important to analyse as it may have an effect on surrounding infrastructure.

Wind turbines also cause large turbulence downwind that may affect existing infrastructure. Debris or parts of the turbine blade, in the case of a failure, may be tossed behind the turbine and may lead to damage of infrastructure in the wake path.

This document outlines the minimum distances that need to be introduced between a wind turbine and Eskom infrastructure to ensure that debris and / or turbulence would not negatively impact on the infrastructure and future expansion of infrastructure (lines and substation) as per the long term planning scenario.

Safety distances of wind turbines from other structures as implemented by other countries were also considered and the reasons for their selection were noted. All renewable energy developments are approved by The Department of Environmental Affairs, Forestry and Fisheries (DEFF) in terms of NEMA. The DEFF is aware of the setbacks guideline, however they cannot use it in terms of decision making since the setbacks document has no legal standing in SA and it would be outside of their mandate who have been advised to follow the guidelines herein.

Concentrated solar plants and photovoltaic plants setbacks away from substations were also to be considered to prevent restricting possible power line access routes to the substation and possible expansion of substations.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document provides guidance on the safe distance that a wind turbine should be located from any Eskom power line or substation. Although it is not based on any legislative requirement, it is deemed important that Eskom's infrastructure and future network expansion planning is not impeded. The document specifies proposed setback distances for transmission lines (220 kV to 765 kV), distribution lines

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

(66 kV to 132 kV) and all Eskom substations. Proposed setbacks for concentrated solar plants and photovoltaic plants are also specified away from substations.

2.1.1 Purpose

Setbacks for wind turbines and power lines / substations are required for various reasons. These include possible catastrophic failure of the turbine blade that may release fragments and which may be thrown onto nearby power lines that may result in damage with associated unplanned outages. Turbulence behind the turbine may affect helicopter flight during routine Eskom live line maintenance and inspections that may lead to safety risk of the aircraft / personnel. Concentrated solar plants and photovoltaic plants setback away from substations were required to prevent substations from being boxed in by these renewable generation plants limiting line route access to the substations and possible future substation expansion.

2.1.2 Applicability

This document is applicable to the siting of all new and existing wind turbines, concentrated solar plants and photovoltaic plants near power lines and substations and in line of site between Eskom telecommunication infrastructure, including future Eskom renewable energy development.

2.2 NORMATIVE/INFORMATIVE REFERENCES

2.2.1 Normative

1. <http://www.envir.ee/orb.aw/class=file/action=preview/id=1170403/Hiiumaa+turbulence+impact+EMD.pdf>.
2. <http://www.energy.ca.gov/2005publications/CEC-500-2005-184/CEC-500-2005-184.PDF>
3. <http://www.adamscountywind.com/Revised%20Site/Windmills/Adams%20County%20Ordinance/Adams%20County%20Wind%20Ord.htm>
4. http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=PA11R&RE=1&EE=1
5. <http://www.wind-watch.org/documents/european-setbacks-minimum-distance-between-wind-turbines-and-habitations/>
6. <http://www.publications.parliament.uk/pa/ld201011/ldbills/017/11017.1-i.html>
7. http://www.caw.ca/assets/pdf/Turbine_Safety_Report.pdf
8. Rogers J, Slegers N, Costello M. (2011) A method for defining wind turbine setback standards. Wind energy 10.1002/we.468

2.2.2 Informative

None

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

2.3 DEFINITIONS

Definition	Description
Setback	The minimum distance between a wind turbine and boundary line/dwelling/road/infrastructure/servitude etc.
Flicker	Effect caused when rotating wind turbine blades periodically cast shadows
Tip Height	The total height of the wind turbine ie. Hub height plus half rotor diameter (see Figure1)

2.3.1 Disclosure Classification

Controlled disclosure: controlled disclosure to external parties (either enforced by law, or discretionary).

2.4 ABBREVIATIONS

Abbreviation	Description
None	

2.5 ROLES AND RESPONSIBILITIES

All parties involved in the positioning wind turbines, concentrated solar plants and photovoltaic plants near power lines/substations should endeavour to follow the setbacks outlined in this guideline.

2.6 PROCESS FOR MONITORING

Agreement by Eskom in writing on any encroachment of the setbacks distance should be requested via the Grid Access Unit. Eskom should ensure that every application for renewable energy (RE) developments are informed about the existence of the setbacks document early in the RE planning process to ensure maximum effect. This includes Eskom RE development.

2.7 RELATED/SUPPORTING DOCUMENTS

None

3. DOCUMENT CONTENT

3.1 INTERNATIONAL SETBACK COMPARISON

Wind Turbine setbacks employed by various countries were considered. It was found that setbacks were determined for various reasons that include noise, flicker, turbine blade failure and wind effects as well as

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

future network expansion planning. The distances (setbacks) varied based on these factors and were influenced by the type of infrastructure

Wind turbine setbacks varied for roads, power lines, dwellings, buildings and property and it was noted that the largest setbacks were employed for reasons of noise and flicker related issues [1-7]. Very few countries specified setbacks for power lines.

The literature survey [1-7], yielded information about studies and experiments were conducted to determine the distance that a broken fragment from a wind turbine might be thrown. Even though of low probability of hitting a power line [5.0×10^{-5} ^[8]], the distances recorded were significant [750m ^[8]]

Wind turbines may also cause changes in wind patterns with turbulent effects behind the hub. These factors influence the wind turbine setbacks specified in this document.

Setbacks were thus introduced to prevent any damage to Eskom infrastructure and impedance to operation and future network expansion planning.

Renewable energy plant can also limit access into substations for power lines of all voltages. A setback distance should therefore be employed to prevent substations from being boxed in by these generation plants and preventing future network expansion. These setback distances are specified in this document.

3.2 ESKOM RECOMMENDED SETBACKS

Any renewable energy applicant should engage with Eskom to determine if their plant layout or positioning of turbines, CSP or PV infrastructure would encroach on the proposed setbacks provided for in this guideline and to ensure that their planning and Eskom's future expansion planning is taken into account. Eskom must inform all renewable energy developers, including Eskom RE, of the existence of the setbacks guideline early in the development process. Should there be an encroachment, a formal request should be sent to and accepted by Eskom in writing if any of the below mentioned setback distances are infringed upon:

- Eskom requests a setback distance of 3 times the tip height of the wind turbine from the edge of the closest Eskom servitude (including vacant servitudes) for transmission lines (220kV to 765kV) and Substations.
- Eskom requests a setback distance of 1 times the tip height of the wind turbine from the edge of the closest Eskom servitude (including vacant servitudes) for distribution lines (66 kV to 132 kV) and Substations.

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

- A written request should be sent to Eskom via the Grid Access Unit regarding any proposed wind turbine, concentrated solar plants and photovoltaic activity within a 5 km radius of a substation for Eskom to comment on.
- Where concentrated solar plants, photovoltaic structures, battery storage systems (BESS) and other renewable generation plants fall within a 2 km radius of the closest point of a transmission or distribution substation (66kV to 765kV), a written agreement with Eskom is recommended during the planning phase of such plant or structures to ensure Eskom's future planning is not impeded.
- Applicants should not position any wind turbine in the line of site between and two Eskom Radio Telecommunication masts. It should be proven that Eskom radio telecommunication systems (mainly microwave systems) will not be affected in any way by wind turbines due to the criticality of this infrastructure in terms of network operation. Eskom Telecommunications should be engaged on this matter.
- If the position or size of any turbine changes and subsequently infringes on any of the above stated setbacks, a request for relaxation must be sent through to Eskom as per the point mentioned above.

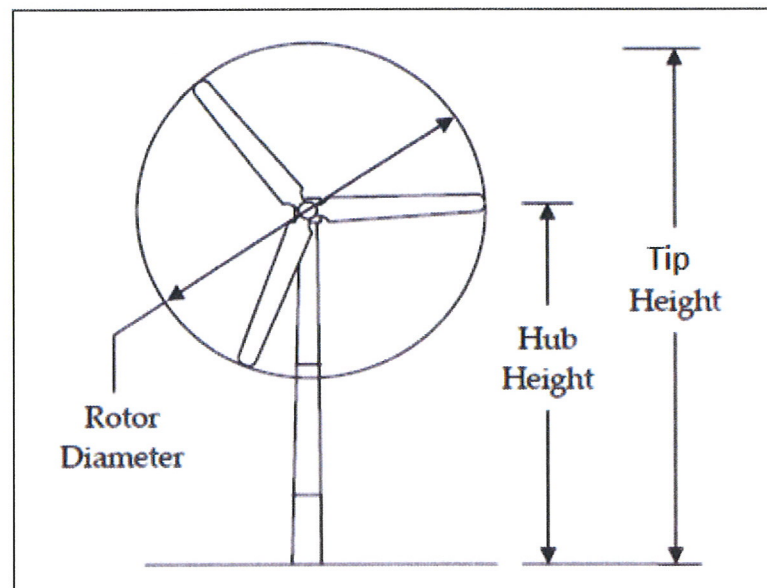


Figure 1: Horizontal Axis Wind Turbine ^[2]

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

4. AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation
V Naidoo	Chief Engineer
Dr P Pretorius	Electrical Specialist
J Geeringh	Snr Consultant Environ Mngt
B Haridass	Snr Consultant Engineer
B Ntshuntsha	Chief Engineer
R Vajeth	Snr Manager (Lines)
D A Tunnicliff	Snr Manager L&R (Acting)
B Branfield	Snr Consultant Engineer

5. REVISIONS

Date	Rev.	Compiler	Remarks
November 2013	0	J W Chetty	First Publication - No renewable energy generation plant setback specification in existence.
October 2018	1	JW Chetty	Modification to sub-section 3.2 to provide more clarity for application procedure.
June 2020	2	JW Chetty	Content within the guideline was re-worded to explain the benefits of mutual agreements between the applicants and ESKOM rather than the application being a legal obligation.

6. DEVELOPMENT TEAM

The following people were involved in the development of this document:

Jonathan Chetty (Mechanical Engineer)
Vivendhra Naidoo (Chief Engineer)
Dr Pieter Pretorius (Electrical Specialist)
John Geeringh (Snr Consultant Environ Mngt)
Bharat Haridass (Snr Consultant Engineer)
Riaz Vajeth (Snr Manager (Lines))
Bruce Ntshuntsha (Chief Engineer)
David Tunnicliff (Snr Manager L&R Acting)

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

Dale Holder

From: Dale Holder
Sent: Thursday, 14 April 2022 14:59
To: 'John Geeringh'
Subject: RE: [CAUTION:EXTERNAL EMAIL] - NOTIFICATION OF AVAILABILITY OF DRAFT SCOPING REPORT FOR THE PROPOSED EUPHORBIA PV, HILLARDIA PV AND VERBENA PV ON PORTIONS 2, 3 & 4 OF THE FARM HOUTHAALBOOMEN
Attachments: Houthaalbomen North Scoping Layout (2022.02.28).kmz

Dear John

Thank you for the comments.

Attached is the KMZ of the proposed layouts.

The grid connection will be facilitated via a separate application after completion of the scoping phase for the facilities. The proposed alignment is still under investigation. I will register you on the Grid connection when we get there.

Best Regards,

Dale

From: John Geeringh <GeerinJH@eskom.co.za>
Sent: Monday, 11 April 2022 14:43
To: Dale Holder <dale@cape-eaprac.co.za>
Subject: RE: [CAUTION:EXTERNAL EMAIL] - NOTIFICATION OF AVAILABILITY OF DRAFT SCOPING REPORT FOR THE PROPOSED EUPHORBIA PV, HILLARDIA PV AND VERBENA PV ON PORTIONS 2, 3 & 4 OF THE FARM HOUTHAALBOOMEN

Please send me KMZ files of the proposed development and grid connection. Please find attached Eskom requirements for works at or near Eskom servitudes and infrastructure, as well as the Eskom setbacks guideline for renewable energy developments.

Kind regards

John Geeringh (Pr Sci Nat) Reg. EAP (EAPASA)
Senior Consultant Environmental Management
Grid Planning: Land and Rights
Eskom Transmission Division
Megawatt Park, D1Y42, Maxwell Drive, Sunninghill, Sandton.
P O Box 1091, Johannesburg, 2000.
Tel: 011 516 7233
Cell: 083 632 7663
Fax: 086 661 4064
E-mail: john.geeringh@eskom.co.za

From: Dale Holder <dale@cape-eaprac.co.za>
Sent: Tuesday, 08 March 2022 14:00
To: andre.duplessis@misa.gov.za; artshabadira@gmail.com; boikanyo0515@gmail.com; CherityG@daff.gov.za; chrisduplessis@nwisp.co.za; CWessels@nwpg.gov.za; david.nunez@siriuspower.co.za; digiteltech@webmail.co.za; drferdi@denand.co.za; ebvanwyk@gmail.com; energy@birdlife.org.za; John Geeringh <GeerinJH@eskom.co.za>;

henrynel@telkomsa.net; isetshoane@environment.gov.za; ivy@nwispc.co.za; jacovennas@gmail.com;
janse@agrisa.co.za; Kgalamothisbedi@gmail.com; kgalamothisbedi@gmail.com;
kinglebogangmongale04@gmail.com; leeubos@gmail.com; letlhakujay@gmail.com; letlhakujonas@gmail.com;
louisavd@nwispc.co.za; M2Kscons@gmail.com; mabuzap@dws.gov.za; mariette@pea.org.za; marlize@agrinw.co.za;
mashuduma@daff.gov.za; mbengoc@nmmdm.gov.za; mbengoc@nmmdm.gov.za; mddikoko@gmail.com;
metswamere@ymail.com; mohetabuti@gmail.com; Buti.moheta@gmail.com; moiloag24@gmail.com;
motlhabane@gmail.com; motsamaib@nmmdm.gov.za; msundani@environment.gov.za; nel.1305@yahoo.com;
Nicolene Venter <nicolene@savannahsa.com>; odendaalbraaikuiakens@gmail.com;
odendaalbraaikuiakens@gmail.com; Pieter.Swart@dmr.gov.za; lpeleng.Wesi@dmr.gov.za; Pkrisjan@nwpg.gov.za;
pulejack@gmail.com; pulenyane@nmmdm.gov.za; raatom@gmail.com; rataus@dws.gov.za;
rlebu4139@gmail.com; sambulom@nda.agric.za; SelekaneP@daff.gov.za; slekota@environment.gov.za;
BCAdmin@environment.gov.za; tboshoff@nwpg.gov.za; tiaan6402@gmail.com; Tsholofelo.dinaane99@yahoo.com;
vanniekerkgiet@ditsobotla.gov.za; wanda@agrinw.co.za; wanda@agrinw.co.za; wanda@agrinw.co.za;
wanda@agrinw.co.za; wanda@agrinw.co.za; wessels@nwispc.co.za; wessels@nwispc.co.za; wessels@nwispc.co.za;
oskosana@nwpg.gov.za

Subject: [CAUTION:EXTERNAL EMAIL] - NOTIFICATION OF AVAILABILITY OF DRAFT SCOPING REPORT FOR THE PROPOSED EUPHORBIA PV, HILLARDIA PV AND VERBENA PV ON PORTIONS 2, 3 & 4 OF THE FARM HOUTHAALBOOMEN

Dear Potential Interested and Affected Party

NOTIFICATION OF AVAILABILITY OF DRAFT SCOPING REPORT FOR THE PROPOSED EUPHORBIA PV, HILLARDIA PV AND VERBENA PV ON PORTIONS 2, 3 & 4 OF THE FARM HOUTHAALBOOMEN SITUATED NEAR LICHTENBURG, IN THE DITSOBOTLA LOCAL MUNICIPALITY OF THE NORTH-WEST PROVINCE.

DFFE Reference No. : 2022-01-0009 (Pre-Application Reference Number)
DFFE Case Officer: : Ms Azrah Essop

Kindly find the attached notification regarding the availability of the Draft Scoping Report for the proposed Euphorbia, Hillardia and Verbena PV facilities on Portions 2, 3 and 4 of the Farm Houthaalboomen 31 near Lichtenburg in the Northwest Province.

You are hereby notified that the Draft Scoping Report (SR) is available for review and comment from **08 March 2022 – 08 April 2022.**

Please note, that other than the Cape EAPrac website, the Draft Scoping Reports and all appendices are also available on the dedicated download link below.

<https://www.dropbox.com/scl/fo/getaayw0qiv91lc8aruh3/h?dl=0&rlkey=8p520vp4xspwyko24cmj8pw2s>

Should you not be able to access the digital platforms above, please contact Cape EAPrac on the contact details below and we will arrange an alternative mechanism of providing access to the report.

Please contact the undersigned, should you have any further queries in this regard.

Sincerely,

Dale Holder | 082 448 9225
SENIOR CONSULTANT | ECO | GIS
Ndip Nat. Con. (Pretoria Tech)

T: 044 874 0365
F: 044 874 0432
17 Progress Street, George
P O Box 2070, George 6530



Please Note: When registering as an Interested and Affected Party (I&AP), you 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). Your information will be used for this project, including the initial application as well as subsequent related appeals, amendments or audits, or any future project where you are identified as an I&AP. You also agree that by submitting comment to inform this process, your contact details will, where required by a public body, be reflected in our regulated reports that must be compiled and submitted to the general public, registered stakeholders, organs of state as well as the competent authority for consideration and decision-making.

Kindly view our Privacy Statement for more information.

NB: This Email and its contents are subject to the Eskom Holdings SOC Ltd EMAIL LEGAL NOTICE which can be viewed at http://www.eskom.co.za/Pages/Email_Legal_Spam_Disclaimer.aspx

Dale Holder

From: Dale Holder
Sent: Tuesday, 19 April 2022 08:31
To: MMatlala Rabothata
Subject: RE: Comments for Hillardia, Euphobia and Verbena PV houthaalboomen cluster

Dear Mmatlala

Thank you very much for these comments, it is greatly appreciated.

I will incorporate these comments into the final Scoping Report.

Regarding the sensitivity maps. Kindly note that some of the specialists will still be undertaking their second surveys after the submission of the Final Scoping Report. The final sensitivity plan overlaid onto the layout will thus only be included in the Draft Environmental Impact Report.

Best Regards,

Dale Holder | 082 448 9225
SENIOR CONSULTANT | ECO | GIS
Ndip Nat. Con. (Pretoria Tech)

T: 044 874 0365
F: 044 874 0432
17 Progress Street, George
PO Box 2070, George 6530



Please Note: When registering as an Interested and Affected Party (I&AP), you 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). Your information will be used for this project, including the initial application as well as subsequent related appeals, amendments or audits, or any future project where you are identified as an I&AP. You also agree that by submitting comment to inform this process, your contact details will, where required by a public body, be reflected in our regulated reports that must be compiled and submitted to the general public, registered stakeholders, organs of state as well as the competent authority for consideration and decision-making.

Kindly view our Privacy Statement for more information.

From: MMatlala Rabothata <MRABOTHATA@dffe.gov.za>
Sent: Monday, 11 April 2022 11:54
To: Dale Holder <dale@cape-eaprac.co.za>
Subject: Comments for Hillardia, Euphobia and Verbena PV houthaalboomen cluster

Dear Mr Holder,

Please receive the attached comments from Directorate :Biodiversity Conservation for your attention and implementation.

Trust that you find all in order.

Regards,
Ms M Rabothata
Tel: 012 399 9174

Dale Holder

From: MMatlala Rabothata <MRABOTHATA@dffe.gov.za>
Sent: Tuesday, 19 April 2022 12:42
To: Dale Holder
Subject: RE: Comments for Hillardia, Euphobia and Verbena PV houthaalboomen cluster

Good Afternoon and noted.

From: Dale Holder <dale@cape-eaprac.co.za>
Sent: Tuesday, 19 April 2022 08:31
To: MMatlala Rabothata <MRABOTHATA@dffe.gov.za>
Subject: RE: Comments for Hillardia, Euphobia and Verbena PV houthaalboomen cluster

Dear Mmatlala

Thank you very much for these comments, it is greatly appreciated.

I will incorporate these comments into the final Scoping Report.

Regarding the sensitivity maps. Kindly note that some of the specialists will still be undertaking their second surveys after the submission of the Final Scoping Report. The final sensitivity plan overlaid onto the layout will thus only be included in the Draft Environmental Impact Report.

Best Regards,

Dale Holder | 082 448 9225
SENIOR CONSULTANT | ECO | GIS
Ndip Nat. Con. (Pretoria Tech)

T: 044 874 0365
F: 044 874 0432
17 Progress Street, George
P O Box 2070, George 6530



Please Note: When registering as an Interested and Affected Party (I&AP), you 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). Your information will be used for this project, including the initial application as well as subsequent related appeals, amendments or audits, or any future project where you are identified as an I&AP. You also agree that by submitting comment to inform this process, your contact details will, where required by a public body, be reflected in our regulated reports that must be compiled and submitted to the general public, registered stakeholders, organs of state as well as the competent authority for consideration and decision-making.

Kindly view our Privacy Statement for more information.

From: MMatlala Rabothata <MRABOTHATA@dffe.gov.za>
Sent: Monday, 11 April 2022 11:54
To: Dale Holder <dale@cape-eaprac.co.za>
Subject: Comments for Hillardia, Euphobia and Verbena PV houthaalboomen cluster

Dear Mr Holder,

Please receive the attached comments from Directorate :Biodiversity Conservation for your attention and implementation.

Trust that you find all in order.

Regards,
Ms M Rabothata
Tel: 012 399 9174



forestry, fisheries & the environment

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

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

DFFE Reference: 14/12/16/3/3/2/2141

Enquiries: Ms Azrah Essop

Telephone: (012) 399 8529 E-mail: AEssop@dffe.gov.za

Mr Dale Holder
Cape Environmental Assessment Practitioners (Cape EAPrac)
PO Box 2070
GEORGE
6530

Telephone Number: (044) 874 0365
Email Address: dale@cape-eaprac.co.za

PER MAIL / E-MAIL

Dear Mr Holder

COMMENTS ON THE DRAFT SCOPING REPORT FOR THE PROPOSED DEVELOPMENT OF THE EUPHORBIA SOLAR ENERGY FACILITY AND ITS ASSOCIATED INFRASTRUCTURE NEAR LICHTENBURG IN THE NORTH WEST PROVINCE

The Application for Environmental Authorisation and Draft Scoping Report (SR) dated March 2022, received by the Department on 7 March 2022 and acknowledged on the 8 March 2022, refer.

This letter serves to inform you that the following information must be included to the Final Scoping Report:

(a) Listed Activities

- i. Please ensure that all relevant listed activities are applied for, are specific and can be linked to the development activity or infrastructure as described in the project description.
- ii. For each listed activity, where possible, provide the proposed threshold/footprint and as much detail associated with the listed activity i.e. the footprint of infrastructure in m², number of BESS on site (each individual unit, if applicable), the storage of hazardous goods in m³, the clearance of land in m² etc.
- iii. If the activities applied for in the application form differ from those mentioned in the final SR, an amended application form must be submitted. Please note that the Department's application form template has been amended and can be downloaded from the following link <https://www.environment.gov.za/documents/forms>.
- iv. Please elaborate *Section 1. Competent Authority* which asks for a *Reason(s) in terms of S24C of NEMA, please the correct wording and not only the Government number*. Indicate whether the proposed project will form part of the Integrated Resource Plan (IRP) or the Renewable Energy Independent Power Producer Procurement programme (REIPPP).

(b) Layout & Sensitivity Maps

- i. Please provide a layout map which indicates the following:

wh

- a. The proposed Euphorbia PV, Hillardia PV and Verbena PV with associated infrastructure for each development;
 - b. The proposed grid infrastructure for each of the above PV facilities, overlain by the sensitivity map;
 - c. All supporting onsite infrastructure e.g. roads (existing and proposed);
 - d. The location of sensitive environmental features on site e.g. CBAs, heritage sites, wetlands, drainage lines etc. that will be affected;
 - e. Buffer areas; and
 - f. All "no-go" areas.
- ii. The above map must be overlain with a sensitivity map and a cumulative map which shows neighbouring renewable energy developments and existing grid infrastructure.
 - iii. Google maps will not be accepted.

(c) Public Participation Process

- i. Please ensure that all issues raised and comments received during the circulation of the SR 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 SR.
- ii. Proof of correspondence with the various stakeholders must be included in the Final SR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments.
- iii. The Public Participation Process must be conducted in terms of Regulation 39, 40 41, 42, 43 & 44 of the EIA Regulations 2014, as amended.
- iv. A comments and response trail report (C&R) must be submitted with the final SR. The C&R report must incorporate all historical comments for this development. The C&R report must be a separate document from the main report and the format must be in the table format as indicated in Annexure 1 of this comments letter. Please refrain from summarising comments made by I&APs. All comments from I&APs must be copied verbatim and responded to clearly. Please note that a response such as "Noted" is not regarded as an adequate response to I&AP's comments.
- v. The final SR must provide evidence that all identified and relevant competent authorities have been given an opportunity to comment on the proposed development; particularly the South African Astronomical Observatory (if applicable), the North West Provincial Department, the District and Local Municipalities.

(d) Specialist Assessments

- i. Specialist studies to be conducted must provide a detailed description of their methodology, as well as indicate the locations and descriptions of turbine positions, and all other associated infrastructures that they have assessed and are recommending for authorisations.
- ii. The specialist studies must also provide a detailed description of all limitations to their studies. All specialist studies must be conducted in the right season and providing that as a limitation, will not be accepted.
- iii. Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with defensible reasons; and were necessary, include further expertise advice.

wk

- iv. Original signed Specialist Declaration of Interest forms (completed in full) for each specialist study conducted. The forms have been updated and are available on Department's website (please use the Department's template).
- v. It is further brought to your attention that Procedures for the Assessment and Minimum Criteria for Reporting on identified Environmental Themes in terms of Sections 24(5)(a) and (h) and 44 of the National Environmental Management Act, 1998, when applying for Environmental Authorisation, which were promulgated in Government Notice No. 320 of 20 March 2020 (i.e. "the Protocols"), and in Government Notice No. 1150 of 30 October 2020 (i.e. protocols for terrestrial plant and animal species), have come into effect. **Please note that specialist assessments must be conducted in accordance with these protocols.**

(e) Cumulative Assessment

- i. Should there be any other similar projects within a 30km radius of the proposed development site, the cumulative impact assessment for all identified and assessed impacts must be refined to indicate the following:
 - a. Identified cumulative impacts must be clearly defined, and where possible the size of the identified impact must be quantified and indicated, i.e. hectares of cumulatively transformed land.
 - b. Detailed process flow and proof must be provided, to indicate how the specialist's recommendations, mitigation measures and conclusions from the various similar developments in the area were taken into consideration in the assessment of cumulative impacts and when the conclusion and mitigation measures were drafted for this project.
 - c. The cumulative impacts significance rating must also inform the need and desirability of the proposed development.
 - d. A cumulative impact environmental statement on whether the proposed development must proceed.

(f) Environmental Management Programme (EMPr)

- i. A generic EMPr is required for the substation as per GG No.435. Please consult the gazette to determine the requirements thereof.
- ii. For the facility and associated infrastructure, the EMPr must fully comply with all the requirements as stipulated in Appendix 4 of the Environmental Impact Assessment Regulations (2014), as amended. It must include the following:
 - a. All recommendations and mitigation measures recorded in the BAR and the specialist studies conducted.
 - b. An environmental sensitivity map indicating environmentally sensitive areas and features identified during the assessment process.
 - c. Measures to protect hydrological features such as streams, rivers, pans, wetlands, etc. and other environmentally sensitive areas from construction impacts including the direct or indirect spillage of pollutants.
 - d. A detailed fire management and protection plan.
- iii. In addition to the above, the EMPr must comply with Appendix 4 of the EIA Regulations, 2014, as amended.

General

When providing coordinates as part of the information submitted regarding the location of an activity as part of an application for environmental authorisation, such coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 coordinate system as per regulation 5(6) of the NEMA EIA Regulations, 2014, as amended.

wh

You are further reminded to comply with Regulation 21(1) of the NEMA EIA Regulations 2014, as amended, which states that:

"If S&EIR must be applied to an application, the applicant must, within 44 days of receipt of the application by the competent authority, submit to the competent authority a scoping report which has 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"

You are further reminded that the final SR to be submitted to this Department must comply with all the requirements in terms of the scope of assessment and content of Scoping Reports in accordance with Appendix 2 and Regulation 21(1) of the EIA Regulations 2014, as amended.

Further note that in terms of Regulation 45 of the EIA Regulations 2014, as amended, this application will lapse if the applicant fails to meet any of the timeframes prescribed in terms of these Regulations, unless an extension has been granted in terms of Regulation 3(7).

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



Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Forestry, Fisheries and the Environment
Letter signed by: Mr Wayne Hector
Designation: Deputy Director: Priority Infrastructure Projects
Date: 04/04/22

cc:	Anthony de Graaf	Euphorbia PV (Pty) Ltd	Email: Anthony@atlanticep.com
	Ouma Skosana (Registry)	North West DEDECT	Email: oskosana@nwpg.gov.za
	Mr. Tshupo Mosane	Ditsobotla Local Municipality	Email: tmosane@ditsobotla.co.za



forestry, fisheries & the environment

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

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

DFFE Reference: 14/12/16/3/3/2/2142

Enquiries: Ms Azrah Essop

Telephone: (012) 399 8529 **E-mail:** AEssop@dfffe.gov.za

Mr Dale Holder
Cape Environmental Assessment Practitioners (Cape EAPrac)
PO Box 2070
GEORGE
6530

Telephone Number: (044) 874 0365
Email Address: dale@cape-eaprac.co.za

PER MAIL / E-MAIL

Dear Mr Holder

COMMENTS ON THE DRAFT SCOPING REPORT FOR THE PROPOSED DEVELOPMENT OF THE HILLARDIA SOLAR ENERGY FACILITY AND ITS ASSOCIATED INFRASTRUCTURE NEAR LICHTENBURG IN THE NORTH WEST PROVINCE

The Application for Environmental Authorisation and Draft Scoping Report (SR) dated March 2022, received by the Department on 7 March 2022 and acknowledged on the 8 March 2022, refer.

This letter serves to inform you that the following information must be included to the Final Scoping Report:

(a) Listed Activities

- i. Please ensure that all relevant listed activities are applied for, are specific and can be linked to the development activity or infrastructure as described in the project description.
- ii. For each listed activity, where possible, provide the proposed threshold/footprint and as much detail associated with the listed activity i.e. the footprint of infrastructure in m², number of BESS on site (each individual unit, if applicable), the storage of hazardous goods in m³, the clearance of land in m² etc.
- iii. If the activities applied for in the application form differ from those mentioned in the final SR, an amended application form must be submitted. Please note that the Department's application form template has been amended and can be downloaded from the following link <https://www.environment.gov.za/documents/forms>.
- iv. Please elaborate Section 1. Competent Authority which asks for a Reason(s) in terms of S24C of NEMA, please use the correct wording and not only the Government number. Indicate whether the proposed project will form part of the Integrated Resource Plan (IRP) or the Renewable Energy Independent Power Producer Procurement programme (REIPPP).

(b) Layout & Sensitivity Maps

- i. Please provide a layout map which indicates the following:

wh

- a. The proposed Euphorbia PV, Hillardia PV and Verbena PV with associated infrastructure for each development;
 - b. The proposed grid infrastructure for each of the above PV facilities, overlain by the sensitivity map;
 - c. All supporting onsite infrastructure e.g. roads (existing and proposed);
 - d. The location of sensitive environmental features on site e.g. CBAs, heritage sites, wetlands, drainage lines etc. that will be affected;
 - e. Buffer areas; and
 - f. All "no-go" areas.
- ii. The above map must be overlain with a sensitivity map and a cumulative map which shows neighbouring renewable energy developments and existing grid infrastructure.
 - iii. Google maps will not be accepted.

(c) Public Participation Process

- i. Please ensure that all issues raised and comments received during the circulation of the SR 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 SR.
- ii. Proof of correspondence with the various stakeholders must be included in the Final SR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments.
- iii. The Public Participation Process must be conducted in terms of Regulation 39, 40 41, 42, 43 & 44 of the EIA Regulations 2014, as amended.
- iv. A comments and response trail report (C&R) must be submitted with the final SR. The C&R report must incorporate all historical comments for this development. The C&R report must be a separate document from the main report and the format must be in the table format as indicated in Annexure 1 of this comments letter. Please refrain from summarising comments made by I&APs. All comments from I&APs must be copied verbatim and responded to clearly. Please note that a response such as "Noted" is not regarded as an adequate response to I&AP's comments.
- v. The final SR must provide evidence that all identified and relevant competent authorities have been given an opportunity to comment on the proposed development; particularly the South African Astronomical Observatory (if applicable), the North West Provincial Department, the District and Local Municipalities.

(d) Specialist Assessments

- i. Specialist studies to be conducted must provide a detailed description of their methodology, as well as indicate the locations and descriptions of turbine positions, and all other associated infrastructures that they have assessed and are recommending for authorisations.
- ii. The specialist studies must also provide a detailed description of all limitations to their studies. All specialist studies must be conducted in the right season and providing that as a limitation, will not be accepted.
- iii. Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with defensible reasons; and where necessary, include further expertise advice.

wh

- iv. Original signed Specialist Declaration of Interest forms (completed in full) for each specialist study conducted. The forms have been updated and are available on Department's website (please use the Department's template).
- v. It is further brought to your attention that Procedures for the Assessment and Minimum Criteria for Reporting on identified Environmental Themes in terms of Sections 24(5)(a) and (h) and 44 of the National Environmental Management Act, 1998, when applying for Environmental Authorisation, which were promulgated in Government Notice No. 320 of 20 March 2020 (i.e. "the Protocols"), and in Government Notice No. 1150 of 30 October 2020 (i.e. protocols for terrestrial plant and animal species), have come into effect. **Please note that specialist assessments must be conducted in accordance with these protocols.**

(e) Cumulative Assessment

- i. Should there be any other similar projects within a 30km radius of the proposed development site, the cumulative impact assessment for all identified and assessed impacts must be refined to indicate the following:
 - a. Identified cumulative impacts must be clearly defined, and where possible the size of the identified impact must be quantified and indicated, i.e. hectares of cumulatively transformed land.
 - b. Detailed process flow and proof must be provided, to indicate how the specialist's recommendations, mitigation measures and conclusions from the various similar developments in the area were taken into consideration in the assessment of cumulative impacts and when the conclusion and mitigation measures were drafted for this project.
 - c. The cumulative impacts significance rating must also inform the need and desirability of the proposed development.
 - d. A cumulative impact environmental statement on whether the proposed development must proceed.

(f) Environmental Management Programme (EMPR)

- i. A generic EMPr is required for the substation as per GG No.435. Please consult the gazette to determine the requirements thereof.
- ii. For the facility and associated infrastructure, the EMPr must fully comply with all the requirements as stipulated in Appendix 4 of the Environmental Impact Assessment Regulations (2014), as amended. It must include the following:
 - a. All recommendations and mitigation measures recorded in the BAR and the specialist studies conducted.
 - b. An environmental sensitivity map indicating environmentally sensitive areas and features identified during the assessment process.
 - c. Measures to protect hydrological features such as streams, rivers, pans, wetlands, etc. and other environmentally sensitive areas from construction impacts including the direct or indirect spillage of pollutants.
 - d. A detailed fire management and protection plan.
- iii. In addition to the above, the EMPr must comply with Appendix 4 of the EIA Regulations, 2014, as amended.

General

When providing coordinates as part of the information submitted regarding the location of an activity as part of an application for environmental authorisation, such coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 coordinate system as per regulation 5(6) of the NEMA EIA Regulations, 2014, as amended.

wk

You are further reminded to comply with Regulation 21(1) of the NEMA EIA Regulations 2014, as amended, which states that:

"If S&EIR must be applied to an application, the applicant must, within 44 days of receipt of the application by the competent authority, submit to the competent authority a scoping report which has 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"

You are further reminded that the final SR to be submitted to this Department must comply with all the requirements in terms of the scope of assessment and content of Scoping Reports in accordance with Appendix 2 and Regulation 21(1) of the EIA Regulations 2014, as amended.

Further note that in terms of Regulation 45 of the EIA Regulations 2014, as amended, this application will lapse if the applicant fails to meet any of the timeframes prescribed in terms of these Regulations, unless an extension has been granted in terms of Regulation 3(7).

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



Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Forestry, Fisheries and the Environment
Letter signed by: Mr Wayne Hector
Designation: Deputy Director: Priority Infrastructure Projects
Date: 04/04/22

cc:	Anthony de Graaf	Euphorbia PV (Pty) Ltd	Email: Anthony@atlanticep.com
	Ouma Skosana (Registry)	North West DEDECT	Email: oskosana@nwpg.gov.za
	Mr. Tshupo Mosane	Ditsobotla Local Municipality	Email: tmosane@ditsobotla.co.za



forestry, fisheries & the environment

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

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

DFFE Reference: 14/12/16/3/3/2/2143

Enquiries: Ms Azrah Essop

Telephone: (012) 399 8529 E-mail: AEssop@dffe.gov.za

Mr Dale Holder
Cape Environmental Assessment Practitioners (Cape EAPrac)
PO Box 2070
GEORGE
6530

Telephone Number: (044) 874 0365
Email Address: dale@cape-eaprac.co.za

PER MAIL / E-MAIL

Dear Mr Holder

COMMENTS ON THE DRAFT SCOPING REPORT FOR THE PROPOSED DEVELOPMENT OF THE VERBENA SOLAR ENERGY FACILITY AND ITS ASSOCIATED INFRASTRUCTURE NEAR LICHTENBURG IN THE NORTH WEST PROVINCE

The Application for Environmental Authorisation and Draft Scoping Report (SR) dated March 2022, received by the Department on 7 March 2022 and acknowledged on the 8 March 2022, refer.

This letter serves to inform you that the following information must be included to the Final Scoping Report:

(a) Listed Activities

- i. Please ensure that all relevant listed activities are applied for, are specific and can be linked to the development activity or infrastructure as described in the project description.
- ii. For each listed activity, where possible, provide the proposed threshold/footprint and as much detail associated with the listed activity i.e. the footprint of infrastructure in m², number of BESS on site (each individual unit, if applicable), the storage of hazardous goods in m³, the clearance of land in m² etc.
- iii. If the activities applied for in the application form differ from those mentioned in the final SR, an amended application form must be submitted. Please note that the Department's application form template has been amended and can be downloaded from the following link <https://www.environment.gov.za/documents/forms>.
- iv. Please elaborate *Section 1. Competent Authority* which asks for a *Reason(s) in terms of S24C of NEMA, please the correct wording and not only the Government number*. Indicate whether the proposed project will form part of the Integrated Resource Plan (IRP) or the Renewable Energy Independent Power Producer Procurement programme (REIPPP).

(b) Layout & Sensitivity Maps

- i. Please provide a layout map which indicates the following:

wh

- a. The proposed Euphorbia PV, Hillardia PV and Verbena PV with associated infrastructure for each development;
 - b. The proposed grid infrastructure for each of the above PV facilities, overlain by the sensitivity map;
 - c. All supporting onsite infrastructure e.g. roads (existing and proposed);
 - d. The location of sensitive environmental features on site e.g. CBAs, heritage sites, wetlands, drainage lines etc. that will be affected;
 - e. Buffer areas; and
 - f. All "no-go" areas.
- ii. The above map must be overlain with a sensitivity map and a cumulative map which shows neighbouring renewable energy developments and existing grid infrastructure.
 - iii. Google maps will not be accepted.

(c) Public Participation Process

- i. Please ensure that all issues raised and comments received during the circulation of the SR 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 SR.
- ii. Proof of correspondence with the various stakeholders must be included in the Final SR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments.
- iii. The Public Participation Process must be conducted in terms of Regulation 39, 40 41, 42, 43 & 44 of the EIA Regulations 2014, as amended.
- iv. A comments and response trail report (C&R) must be submitted with the final SR. The C&R report must incorporate all historical comments for this development. The C&R report must be a separate document from the main report and the format must be in the table format as indicated in Annexure 1 of this comments letter. Please refrain from summarising comments made by I&APs. All comments from I&APs must be copied verbatim and responded to clearly. Please note that a response such as "Noted" is not regarded as an adequate response to I&AP's comments.
- v. The final SR must provide evidence that all identified and relevant competent authorities have been given an opportunity to comment on the proposed development; particularly the South African Astronomical Observatory (if applicable), the North West Provincial Department, the District and Local Municipalities.

(d) Specialist Assessments

- i. Specialist studies to be conducted must provide a detailed description of their methodology, as well as indicate the locations and descriptions of turbine positions, and all other associated infrastructures that they have assessed and are recommending for authorisations.
- ii. The specialist studies must also provide a detailed description of all limitations to their studies. All specialist studies must be conducted in the right season and providing that as a limitation, will not be accepted.
- iii. Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with defensible reasons; and where necessary, include further expertise advice.

wh

- iv. Original signed Specialist Declaration of Interest forms (completed in full) for each specialist study conducted. The forms have been updated and are available on Department's website (please use the Department's template).
- v. It is further brought to your attention that Procedures for the Assessment and Minimum Criteria for Reporting on identified Environmental Themes in terms of Sections 24(5)(a) and (h) and 44 of the National Environmental Management Act, 1998, when applying for Environmental Authorisation, which were promulgated in Government Notice No. 320 of 20 March 2020 (i.e. "the Protocols"), and in Government Notice No. 1150 of 30 October 2020 (i.e. protocols for terrestrial plant and animal species), have come into effect. **Please note that specialist assessments must be conducted in accordance with these protocols.**

(e) Cumulative Assessment

- i. Should there be any other similar projects within a 30km radius of the proposed development site, the cumulative impact assessment for all identified and assessed impacts must be refined to indicate the following:
 - a. Identified cumulative impacts must be clearly defined, and where possible the size of the identified impact must be quantified and indicated, i.e. hectares of cumulatively transformed land.
 - b. Detailed process flow and proof must be provided, to indicate how the specialist's recommendations, mitigation measures and conclusions from the various similar developments in the area were taken into consideration in the assessment of cumulative impacts and when the conclusion and mitigation measures were drafted for this project.
 - c. The cumulative impacts significance rating must also inform the need and desirability of the proposed development.
 - d. A cumulative impact environmental statement on whether the proposed development must proceed.

(f) Environmental Management Programme (EMPR)

- i. A generic EMPr is required for the substation as per GG No.435. Please consult the gazette to determine the requirements thereof.
- ii. For the facility and associated infrastructure, the EMPr must fully comply with all the requirements as stipulated in Appendix 4 of the Environmental Impact Assessment Regulations (2014), as amended. It must include the following:
 - a. All recommendations and mitigation measures recorded in the BAR and the specialist studies conducted.
 - b. An environmental sensitivity map indicating environmentally sensitive areas and features identified during the assessment process.
 - c. Measures to protect hydrological features such as streams, rivers, pans, wetlands, etc. and other environmentally sensitive areas from construction impacts including the direct or indirect spillage of pollutants.
 - d. A detailed fire management and protection plan.
- iii. In addition to the above, the EMPr must comply with Appendix 4 of the EIA Regulations, 2014, as amended.

General

When providing coordinates as part of the information submitted regarding the location of an activity as part of an application for environmental authorisation, such coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 coordinate system as per regulation 5(6) of the NEMA EIA Regulations, 2014, as amended.

wh

You are further reminded to comply with Regulation 21(1) of the NEMA EIA Regulations 2014, as amended, which states that:

"If S&EIR must be applied to an application, the applicant must, within 44 days of receipt of the application by the competent authority, submit to the competent authority a scoping report which has 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"

You are further reminded that the final SR to be submitted to this Department must comply with all the requirements in terms of the scope of assessment and content of Scoping Reports in accordance with Appendix 2 and Regulation 21(1) of the EIA Regulations 2014, as amended.

Further note that in terms of Regulation 45 of the EIA Regulations 2014, as amended, this application will lapse if the applicant fails to meet any of the timeframes prescribed in terms of these Regulations, unless an extension has been granted in terms of Regulation 3(7).

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



Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Forestry, Fisheries and the Environment
Letter signed by: Mr Wayne Hector
Designation: Deputy Director: Priority Infrastructure Projects
Date: 04/04/22

cc:	Anthony de Graaf	Verbena PV (Pty) Ltd	Email: Anthony@atlanticep.com
	Ouma Skosana (Registry)	North West DEDECT	Email: oskosana@nwppg.gov.za
	Mr. Tshupo Mosane	Ditsobotla Local Municipality	Email: tmosane@ditsobotla.co.za