

Dale Holder

From: John Geeringh <GeerinJH@eskom.co.za>
Sent: 16 October 2020 01:14 PM
To: Dale Holder
Subject: RE: Notification of availability of Draft Scoping Report for the proposed Hotazel 2 PV Development near Hotazel in the Northern Cape.
Attachments: Eskom requirements for work in or near Eskom servitudes SOLAR (3).doc; Renewable Energy Generation Plant Setbacks to Eskom Infrastructure Rev1 - signed.pdf

Please send me a KMZ file of the affected property, proposed development area and proposed grid connection. Please find attached Eskom general comments for developments at or near Eskom infrastructure and servitudes. Please also find attached the Eskom setback guideline that the applicant must consider during the development.

Kind regards

John Geeringh (Pr Sci Nat)(EAPASA)
Senior Consultant Environmental Management
Land and Rights
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From: Dale Holder <dale@cape-eaprac.co.za>
Sent: Wednesday, 14 October 2020 16:43
To: LUAHelpdesk@daff.gov.za; abrahamsn@nra.co.za; 'Annelizac@daff.gov.za' <Annelizac@daff.gov.za>; 'Samantha De la Fontaine (sdelafontaine@gmail.com)' <sdelafontaine@gmail.com>; 'seppie.esterhuysen@gmail.com' (seppie.esterhuysen@gmail.com) <seppie.esterhuysen@gmail.com>; Marshall Felaar <FelaarMB@eskom.co.za>; eia@g7energies.com; thembelani.gantsho@kmr.co.za; John Geeringh <GeerinJH@eskom.co.za>; 'belindag@ewt.org.za' <belindag@ewt.org.za>; 'phine@sahra.org.za' (phine@sahra.org.za) <phine@sahra.org.za>; 'Hohne Danita (HohneD@dwa.gov.za)' <HohneD@dwa.gov.za>; 'juliusg@nra.co.za' <juliusg@nra.co.za>; juliak@joemorolong.gov.za; 'koegelenbergj@sentech.co.za' <koegelenbergj@sentech.co.za>; leaskk@eskom.co.za; 'slekota@environment.gov.za' <slekota@environment.gov.za>; 'danie.lourens@umk.co.za' <danie.lourens@umk.co.za>; 'jacolinema@daff.gov.za' <jacolinema@daff.gov.za>; 'mashuduma@daff.gov.za' (mashuduma@daff.gov.za) <mashuduma@daff.gov.za>; 'ayandam@doc.gov.za' <ayandam@doc.gov.za>; 'dmoleko@ncpg.gov.za' <dmoleko@ncpg.gov.za>; 'mmboneni.mutheiwana@dmr.gov.za' <mmboneni.mutheiwana@dmr.gov.za>; registry@joemorolong.gov.za; 'nomawethu.qase@energy.gov.za' (nomawethu.qase@energy.gov.za) <nomawethu.qase@energy.gov.za>; 'energy@birdlife.org.za' <energy@birdlife.org.za>; TRatlou@environment.gov.za; 'ntsundeni.ravhugoni@dmr.gov.za' <ntsundeni.ravhugoni@dmr.gov.za>; 'dstander@ncpg.gov.za' <dstander@ncpg.gov.za>; strohl@caa.co.za; atiplady@ska.ac.za; Musa Baloye <mbaloye@ska.ac.za>; 'ntoerien1@gmail.com' <ntoerien1@gmail.com>; Justine Wyngaardt <WyngaaJO@eskom.co.za>
Subject: Notification of availability of Draft Scoping Report for the proposed Hotazel 2 PV Development near Hotazel in the Northern Cape.

Dear Registered / Potential Interested and Affected Party.

NOTIFICATION OF AVAILABILITY OF DRAFT SCOPING REPORT FOR THE PROPOSED HOTAZEL 2 ON REMAINING EXTENT (PORTION 0) OF THE FARM YORK A 279, AND ASSOCIATED INFRASTRUCTURE ON PORTION 11 OF FARM YORK A 279, REMAINING EXTENT OF PORTION 3 OF THE FARM YORK 279 AND THE REMAINING EXTENT (PORTION 0) OF THE FARM HOTAZEL 280 SITUATED IN THE DISTRICT OF HOTAZEL IN THE NORTHERN CAPE PROVINCE.

DEFF Reference No. : 2020-09-0019

DEFF Case Officer: : Mathlodi Mogorosi

Please find the attached notification regarding the availability of the Draft Scoping Report for the proposed Hotazel 2 (PV Development) and associated infrastructure on the abovementioned properties near Hotazel in the Northern Cape.

In accordance with the approved public participation plan, the Draft Scoping Report and all appendices are also available on the dedicated download link below:

https://www.dropbox.com/sh/s6tbu9xq4vlbv4/AADop26ed5wvmPfs4w6c_zxCa?dl=0

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2. Digital copies can be provided via a sharepoint download link or Dropbox link;
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4. Hard copies of the report and any relevant specialist studies can be couriered to any parties.

Should you be unable to access the documents on the Cape EAPrac website and the dedicated download and would like to utilise any of the alternative methods listed above, please Cape EAPrac on any of the contact details below.

Please contact the undersigned should you have any queries regarding the attached.

Kind Regards,

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COVID-19 operational notice



Our advisers and staff are working remotely and are contactable via email or on their cellphones.



We will advise when physical meetings and office visits can resume. Our commitment to offering you service excellence remains unchanged.

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

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.

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	SCOT	Technology
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Title: Renewable Energy Generation Plant Setbacks to Eskom Infrastructure

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Documentation Type: Guideline

Revision: 1

Total Pages: 9

Next Review Date: N/A

Disclosure Classification: CONTROLLED DISCLOSURE


Compiled by



J W Chetty
Mechanical Engineer

Date: 23/11/2018

Approved by



B Ntshunsha
Chief Engineer (Lines)

Date: 23/11/2018

Authorised by



R A Vajeth
Snr Manager (Lines) and SCOT/SC/ Chairperson

Date: 16/11/2018

PCM Reference: 240-65132732 **LINE ENGINEERING SERVICES**
 SCOT Study Committee Number/Name : **OVERHEAD LINES**

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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 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.

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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.

Safety distances of wind turbines from other structures as implemented by other countries were also considered and the reasons for their selection were noted.

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.

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. The document specifies setback distances for transmission lines (220 kV to 765 kV), distribution lines (6.6 kV to 132 kV) and all Eskom substations. 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

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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.

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.

2.2 NORMATIVE/INFORMATIVE REFERENCES

2.2.1 Normative

1. <http://www.envir.ee/orb.aw/class=file/action=preview/id=1170403/Hiumaa+turbulcnce+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

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)

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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 personnel involved in the positioning wind turbines, concentrated solar plants and photovoltaic plants near power lines/substations must follow the setbacks outlined in this guideline.

2.6 PROCESS FOR MONITORING

Approval by Eskom in writing.

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. 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]

Setbacks were thus introduced to prevent any damage to Eskom infrastructure.

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

Concentrated solar plants and photovoltaic plants also can limit access into the substation for power lines of all voltages. A setback distance must therefore be employed to prevent the substation from being boxed in by these generation plants. These setback distances are specified in this document.

3.2 ESKOM REQUIRED SETBACKS

A formal application must be sent to and accepted by Eskom if any of the below mentioned setback distances are infringed upon:

- Eskom requires 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 requires 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.
- An application must be sent to Eskom regarding any proposed wind turbine, concentrated solar plants and photovoltaic activity within a 5 km radius of a substation for Eskom to comment on the application.
- Where concentrated solar plants and photovoltaic structures fall within a 2 km radius of the closest point of a transmission or distribution substation (66kV to 765kV), Eskom should be applied to for approval in writing during the planning phase of such plant or structures.
- Applicants must not position any wind turbine in the line of site between and two Eskom Radio Telecommunication masts. It must be proven that Eskom radio telecommunication systems (mainly microwave systems) will not be affected in any way by wind turbines.
- If the position or size of any turbine changes and subsequently infringes on any of the above stated setbacks, an application must be sent through to Eskom as per the point mentioned above.

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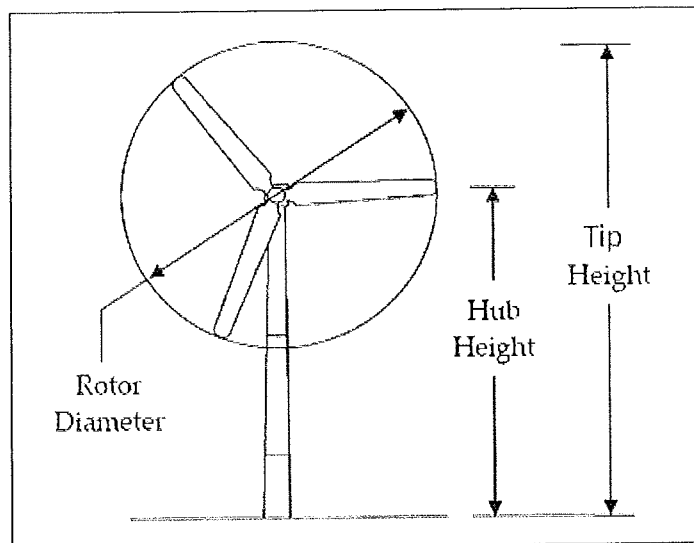


Figure 1: Horizontal Axis Wind Turbine ^[2]

4. AUTHORISATION

This document has been seen and accepted by:

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

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

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6. DEVELOPMENT TEAM

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

Jonathan W Chetty (Mechanical Engineer)

Vivendhra Naidoo (Chief Engineer)

Dr Pieter H Pretorius (Electrical Specialist)

John Geeringh (Snr Consultant Environ Mngt)

Bharat Haridass (Snr Consultant Engineer)

Riaz A Vajeth (Acting Snr Manager (Lines))

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Dale Holder

From: Dale Holder
Sent: 16 October 2020 02:39 PM
To: John Geeringh
Subject: RE: Notification of availability of Draft Scoping Report for the proposed Hotazel 2 PV Development near Hotazel in the Northern Cape.
Attachments: Hotazel Solar 2 Scoping_update 1.kmz; Hotazel Solar Property.kml

Dear John

Thank you for your comments for developments at or near Eskom infrastructure and servitudes and the Eskom setback guideline document. I will pass these on to the developer to consider as part of their design process, and will incorporate these into the EMPr for the facility.

Please find attached:

1. Facility layout and grid connection (First Attached)
2. Affected property boundary (second attached)

Kind Regards,

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

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From: Dale Holder <dale@cape-eaprac.co.za>

Sent: Wednesday, 14 October 2020 16:43

To: LUAHelpdesk@daff.gov.za; abrahamsn@nra.co.za; 'Annelizac@daff.gov.za' <Annelizac@daff.gov.za>; 'Samantha De la Fontaine (sdelafontaine@gmail.com)' <sdelafontaine@gmail.com>; 'seppie.esterhuysen@gmail.com' (seppie.esterhuysen@gmail.com)' <seppie.esterhuysen@gmail.com>; Marshall Felaar <FelaarMB@eskom.co.za>; eia@g7energies.com; thembelani.gantsho@kmr.co.za; John Geeringh <GeerinJH@eskom.co.za>; 'belindag@ewt.org.za' <belindag@ewt.org.za>; 'phine@sahra.org.za' (phine@sahra.org.za)' <phine@sahra.org.za>; 'Hohne Danita (HohneD@dwa.gov.za)' <HohneD@dwa.gov.za>; 'juliusg@nra.co.za' <juliusg@nra.co.za>; juliak@joemorolong.gov.za; 'koegelenbergj@sentech.co.za' <koegelenbergj@sentech.co.za>; leaskk@eskom.co.za; 'slekota@environment.gov.za' <slekota@environment.gov.za>; 'danie.lourens@umk.co.za' <danie.lourens@umk.co.za>; 'jacolinema@daff.gov.za' <jacolinema@daff.gov.za>; 'mashuduma@daff.gov.za' (mashuduma@daff.gov.za)' <mashuduma@daff.gov.za>; 'ayandam@doc.gov.za' <ayandam@doc.gov.za>; 'dmoleko@ncpg.gov.za' <dmoleko@ncpg.gov.za>; 'mmboneni.mutheiwana@dmr.gov.za' <mmboneni.mutheiwana@dmr.gov.za>; registry@joemorolong.gov.za; 'nomawethu.qase@energy.gov.za' (nomawethu.qase@energy.gov.za)' <nomawethu.qase@energy.gov.za>; 'energy@birdlife.org.za' <energy@birdlife.org.za>; TRatlou@environment.gov.za; 'ntsundeni.ravhugoni@dmr.gov.za' <ntsundeni.ravhugoni@dmr.gov.za>; 'dstander@ncpg.gov.za' <dstander@ncpg.gov.za>; strohl@caa.co.za; atiplady@ska.ac.za; Musa Baloye <mbaloye@ska.ac.za>; 'ntoerien1@gmail.com' <ntoerien1@gmail.com>; Justine Wyngaardt <WyngaajO@eskom.co.za>

Subject: Notification of availability of Draft Scoping Report for the proposed Hotazel 2 PV Development near Hotazel in the Northern Cape.

Dear Registered / Potential Interested and Affected Party.

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DEFF Reference No. : 2020-09-0019

DEFF Case Officer: : Mathlodi Mogorosi

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1. Digital copies of the report can be provided on CD or Flash Drive;
2. Digital copies can be provided via a sharepoint download link or Dropbox link;
3. Digital copies can be provided via Whatsapp messenger;
4. Hard copies of the report and any relevant specialist studies can be couriered to any parties.

Should you be unable to access the documents on the Cape EAPrac website and the dedicated download and would like to utilise any of the alternative methods listed above, please Cape EAPrac on any of the contact details below.

Please contact the undersigned should you have any queries regarding the attached.

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COVID-19 operational notice



Our advisers and staff are working remotely and are contactable via email or on their cellphones.



We will advise when physical meetings and office visits can resume. Our commitment to offering you service excellence remains unchanged.

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: EIAAdmin <EIAAdmin@environment.gov.za>
Sent: 13 November 2020 09:23 AM
To: Dale Holder; robert.wagener@abo-wind.com
Cc: Matlhodi Mogorosi; EIAAdmin
Subject: 14/12/16/3/3/2/2017
Attachments: 14-12-16-3-3-2-2017.pdf

Good day.

Please find herein the attached letter for the above mentioned.

I hope you find all in order.

Thank you.

Kind Regards,
Integrated Environmental Authorisations:
IEM Systems and Tools Coordination
Tel (012) 399 8630 / 9370 / 9367
Email: EIAAdmin@environment.gov.za



environmental affairs

Department
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Please be informed that the Departmental EIA related templates were updated. It can be downloaded from the Departmental web address at https://www.environment.gov.za/documents/forms#legal_authorisations.

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environment, forestry & fisheries

Department:
Environment, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA

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

DEFF Reference: 14/12/16/3/3/2/2017

Enquiries: Mathodi Mogorosi

Telephone: (012) 399 9388 E-mail: MMogorosi@environment.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 100 MEGAWATTS (MW) HOTAZEL 2 SOLAR PHOTOVOLTAIC (PV) FACILITY WITH ASSOCIATED INFRASTRUCTURE NEAR HOTAZEL, WITHIN THE JOE MOROLONG LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE

The Application for Environmental Authorisation and Draft Scoping Report (SR) dated October 2020 and received by the Department on 14 October 2020, refer.

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

(a) Listed Activities

- 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.
- If the activities applied for in the application form differ from those mentioned in the final Scoping Report, 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>.

(b) Layout & Sensitivity Maps

- Please provide a layout map which indicates the following:
 - The proposed location of the PV arrays with associated infrastructure of the proposed development;
 - The proposed grid infrastructure for the above PV facility, overlain by the sensitivity map;
 - All supporting onsite infrastructure e.g. roads (existing and proposed);
 - The location of sensitive environmental features on site e.g. CBAs, heritage sites, wetlands, drainage lines etc. that will be affected;
 - Buffer areas; and
 - All "no-go" areas.
- The above map must be overlain with a sensitivity map and a cumulative map which shows neighbouring renewable energy developments and existing grid infrastructure.
- Google maps will not be accepted.

(c) Public Participation Process

- Please ensure that all issues raised and comments received during the circulation of the Scoping Report 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 Scoping Report. Proof of correspondence with the various stakeholders must be included in the final Scoping Report. 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.
- A comments and response trail report (C&R) must be submitted with the final Scoping Report. The C&R report must be a separate document from the main report and must be in a table format. Please ensure that comments made by I&APs are comprehensively captured and responded to fully (copy verbatim if required). Please note that a response such as "Noted" is not regarded as an adequate response to I&APs comments.
- The final Scoping Report must provide evidence that all identified and relevant competent authorities have been given an opportunity to comment on the proposed development.

(d) Specialist Assessments

- Specialist studies to be conducted must provide a detailed description of their methodology, as well as indicate the locations and descriptions of the PV arrays, and all other associated infrastructures that they have assessed and are recommending for authorisations.
- 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.
- 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.
- Please include a summary table of the specialist studies identified by the Department's Screening Tool in the final scoping report. Indicate in the table, which specialist studies were commissioned and provide motivation for those any studies not undertaken.

(e) Cumulative Assessment

- 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:
 - 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.
 - 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.
 - The cumulative impacts significance rating must also inform the need and desirability of the proposed development.
 - A cumulative impact environmental statement on whether the proposed development must proceed.

General

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 Environment, Forestry and Fisheries

Letter signed by: Ms Sindiswa Dlomo

Designation: Deputy Director: National Infrastructure Projects

Date: 11/11/2020

cc:	R Wagener	Hotazel Solar Facility 2 (Pty) Ltd	Email: robert.wagener@abo-wind.com
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Dale Holder

From: Seoka Lekota <SLekota@environment.gov.za>
Sent: 15 November 2020 04:53 PM
To: Dale Holder
Cc: Aulicia Maifo; MMatlala Rabothata
Subject: COMMENTS ON THE PROPOSED HOTAZEL 2 SOLAR FACILITY NEAR HOTAZEL
Attachments: DSR Comments for Hotazel 2 Solar PV Facility.pdf

Good Day

Attached find our comments for implementation during the final SR.



Seoka Lekota
Deputy Director: Biodiversity Mainstreaming EIA
Department of Environment Forestry & Fisheries
Tell: +27 (12) 399 9573
Email: SLekota@environment.gov.za

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**environment, forestry
& fisheries**

Department: Environment, Forestry
and Fisheries
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: Hotazel 2 Solar PV Facility
Enquiries: Ms Mmatlala Rabothata/ Ms Tsholofelo Sekonko
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 THE DRAFT SOPING REPORT FOR THE PROPOSED HOTAZEL 2 SOLAR FACILITY NEAR HOTAZEL ON THE REMAINING EXTENT (PORTION 0) OF THE FARM YORK A 279, AND ASSOCIATED INFRASTRUCTURE ON PORTION 11 OF FARM YORK A 279, REMAINING EXTENT OF PORTION 3 OF THE FARM YORK 279 AND THE REMAINING EXTENT (PORTION 0) OF THE FARM HOTAZEL 280 IN THE NORTHERN CAPE PROVINCE.

The Directorate: Biodiversity Conservation reviewed and evaluated the aforementioned draft report. From the findings of the specialists the potential impact on protected tree species (*Vachellia erioloba* and *Vachellia haematoxylon*) is a concern. Although, the majority of the Hotazel 2 footprint is within an area with lower than average density of these protected trees. As a result, the negative impact on the local populations of these species would be relatively low. The majority of the site is considered medium sensitivity.

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

- Pre-construction walk-through to locate species of conservation concern that can be translocated or avoided must be undertaken with an ecologist,
- Search and rescue plan for the identified plant Species of Conservation Concern (SCC) must be developed,



COMMENTS ON THE DRAFT SOPING REPORT FOR THE PROPOSED HOTAZEL 2 SOLAR FACILITY NEAR HOTAZEL ON THE REMAINING EXTENT (PORTION 0) OF THE FARM YORK A 279, AND ASSOCIATED INFRASTRUCTURE ON PORTION 11 OF FARM YORK A 279, REMAINING EXTENT OF PORTION 3 OF THE FARM YORK 279 AND THE REMAINING EXTENT (PORTION 0) OF THE FARM HOTAZEL 280 IN THE NORTHERN CAPE PROVINCE.

- Sensitive habitats in close proximity to the development footprint must be avoided or demarcated and regarded as No-Go area,
- Permits from relevant authorities must be obtained for the removal or disturbance of any TOPs, Red Data listed or provincially protected species,
- Erosion and 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.

Yours faithfully



Mr. Seoka Lekota
Control Biodiversity Officer Grade B: Biodiversity Conservation
Department of Environment, Forestry & Fisheries
Date: 13/11/2020

Dale Holder

From: Sue Parkin - Specifying Techniques <sue@spectechonline.com>
Sent: 19 November 2020 11:57 AM
To: Dale Holder
Subject: Hotazel Solar Facility


Good Day Dale,

I would like to follow up on the Hotazel Solar Facility. Has the new development been submitted for approval?

Kind Regards,

Sue Parkin

Marketing Consultant - [SACAP T0273](#)

 **Specifying Techniques**

[Call my office](#) – [Call my mobile](#) – [Add me on Skype](#)

To contact us, visit [SpecTech](#), find us on [Facebook](#), [LinkedIn](#), and [Instagram](#)

Value Engineering – Glazing Calculations – ITC Roofing Inspections – Product Training – Custom Specifications – CPD Training – Finishing Schedules – Samples – Project Packs

Dale Holder

From: Dale Holder
Sent: 14 October 2020 04:43 PM
To: LUAHelpdesk@daff.gov.za; abrahamsn@nra.co.za; 'Annelizac@daff.gov.za'; 'Samantha De la Fontaine (sdelafontaine@gmail.com)'; 'seppie.esterhuysen@gmail.com' (seppie.esterhuysen@gmail.com); 'felaarmb@eskom.co.za'; eia@g7energies.com; thembelani.gantsho@kmr.co.za; 'geerinh@eskom.co.za'; 'belindag@ewt.org.za'; 'phine@sahra.org.za' (phine@sahra.org.za); 'Hohne Danita (HohneD@dwa.gov.za)'; 'juliusg@nra.co.za'; juliak@joemorolong.gov.za; 'koegelenbergj@sentech.co.za'; leaskk@eskom.co.za; 'slekota@environment.gov.za'; 'danie.lourens@umk.co.za'; 'jacolinema@daff.gov.za'; 'mashuduma@daff.gov.za' (mashuduma@daff.gov.za); 'ayandam@doc.gov.za'; 'dmoleko@ncpg.gov.za'; 'mmboneni.mutheiwana@dmr.gov.za'; registry@joemorolong.gov.za; 'nomawethu.qase@energy.gov.za' (nomawethu.qase@energy.gov.za); 'energy@birdlife.org.za'; TRatlou@environment.gov.za; 'ntsundeni.ravhugoni@dmr.gov.za'; 'dstander@ncpg.gov.za'; strohl@caa.co.za; atiplady@ska.ac.za; Musa Baloye; 'ntoerien1@gmail.com'; 'Justine Wyngaardt' (WyngaaJO@eskom.co.za)
Subject: Notification of availability of Draft Scoping Report for the proposed Hotazel 2 PV Development near Hotazel in the Northern Cape.
Attachments: JMO637.04 DSR Notifications Hotazel 2.pdf

Dear Registered / Potential Interested and Affected Party.

NOTIFICATION OF AVAILABILITY OF DRAFT SCOPING REPORT FOR THE PROPOSED HOTAZEL 2 ON REMAINING EXTENT (PORTION 0) OF THE FARM YORK A 279, AND ASSOCIATED INFRASTRUCTURE ON PORTION 11 OF FARM YORK A 279, REMAINING EXTENT OF PORTION 3 OF THE FARM YORK 279 AND THE REMAINING EXTENT (PORTION 0) OF THE FARM HOTAZEL 280 SITUATED IN THE DISTRICT OF HOTAZEL IN THE NORTHERN CAPE PROVINCE.

DEFF Reference No. : 2020-09-0019

DEFF Case Officer: : Mathlodi Mogorosi

Please find the attached notification regarding the availability of the Draft Scoping Report for the proposed Hotazel 2 (PV Development) and associated infrastructure on the abovementioned properties near Hotazel in the Northern Cape.

In accordance with the approved public participation plan, the Draft Scoping Report and all appendices are also available on the dedicated download link below:

https://www.dropbox.com/sh/s6tbu9xq4vlbv4/AADop26ed5wvmPfs4w6c_zxCa?dl=0

In terms of the approved public participation plan, the following alternative mechanisms for accessing the report are available to any I&AP's that cannot access the abovementioned digital platforms.

1. Digital copies of the report can be provided on CD or Flash Drive;
2. Digital copies can be provided via a sharepoint download link or Dropbox link;
3. Digital copies can be provided via Whatsapp messenger;
4. Hard copies of the report and any relevant specialist studies can be couriered to any parties.

Should you be unable to access the documents on the Cape EAPrac website and the dedicated download and would like to utilise any of the alternative methods listed above, please contact Cape EAPrac on any of the contact details below.

Please contact the undersigned should you have any queries regarding the attached.

Kind 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



COVID-19 operational notice



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We will advise when physical meetings and office visits can resume.
Our commitment to offering you service excellence remains unchanged.