

**COMMENTS RECEIVED**

## Gabriele Wood

---

**From:** John Geeringh <GeerinJH@eskom.co.za>  
**Sent:** 27 June 2016 11:10  
**To:** Gabriele Wood  
**Subject:** RE: EIA PROCESS - SKUITDRIFT 10MW PHOTOVOLTAIC SOLAR FACILITY, NORTHERN CAPE PROVINCE - NOTIFICATION OF BASIC ASSESSMENT PROCESS  
**Attachments:** Eskom requirements for work in or near Eskom servitudes SOLAR.doc; Renewable Energy Generation Plant Setbacks to Eskom Infrastructure - Signed.pdf  
**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Please find attached Eskom requirements for works at or near Eskom infrastructure. Please take note of the setback requirements for solar plant near Eskom substations.

Kind regards

John Geeringh (Pr Sci Nat)  
Senior Consultant Environmental Management

Eskom GC: Land Development  
Megawatt Park  
D1Y39  
P O Box 1091  
Johannesburg  
2000

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---

**From:** Gabriele Wood [mailto:gabriele@savannahsa.com]  
**Sent:** 24 June 2016 11:50 AM  
**Subject:** EIA PROCESS - SKUITDRIFT 10MW PHOTOVOLTAIC SOLAR FACILITY, NORTHERN CAPE PROVINCE - NOTIFICATION OF BASIC ASSESSMENT PROCESS

Dear Stakeholder

Skuitdrift Solar Project (Pty) Ltd, an Independent Power Producer (IPP), proposes the establishment of a small-scale solar photovoltaic (PV) facility and associated infrastructure on a site located within the Skuitdrift area 50km north west of Augrabies between the towns of Pofadder and Kakamas in the Northern Cape Province. The PV facility is referred to as the Skuitdrift Solar Facility. In terms of the Environmental Impact Assessment (EIA) Regulations published in terms of Section 24(5) of the National Environmental Management Act (NEMA, Act No. 107 of 1998), Skuitdrift Solar Project (Pty) Ltd requires authorisation from the Department of Environmental Affairs (DEA). Skuitdrift Solar Project (Pty) Ltd has appointed Savannah Environmental (Pty) Ltd as the independent environmental consultant, to undertake the required Basic Assessment to identify and assess all the potential environmental impacts associated with the proposed projects, and propose appropriate mitigation and management measures in an Environmental Management Programme (EMPr). Please refer to the attached notification letter for further details regarding the project.

Kind regards

**Mrs Gabriele Wood**

**Public Participation and Social Consultant**

**Savannah Environmental (Pty) Ltd**

**Tel: 27 11 656 3237**


**Fax: 086 684 0547**

**Email: [gabriele@savannahsa.com](mailto:gabriele@savannahsa.com)**

**[www.savannahsa.com](http://www.savannahsa.com)**

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[www.eskom.co.za/idm](http://www.eskom.co.za/idm)

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	<p style="text-align: center;"><b>SCOT</b></p>	<p style="text-align: center;"><b>Technology</b></p>
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Title: **Renewable Energy Generation Plant Setbacks to Eskom Infrastructure** Unique Identifier: **240-65559775**

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Documentation Type: **Guideline**

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Next Review Date: **N/A**

Disclosure Classification: **CONTROLLED DISCLOSURE**


**Compiled by**



**J W Chetty**  
**Mechanical Engineer**

Date: 20/02/2014

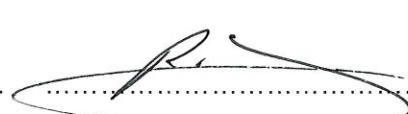
**Approved by**



**V Naidoo**  
**Chief Engineer (Lines)**

Date: 24/02/2014

**Authorised by**



**R A Vajeth**  
**Acting Snr Manager (Lines)**

Date: 27/2/2014

**Supported by SCOT/SC**



**R Vajeth**  
**SCOT/SC/ Chairperson**

Date: 27/2/2014

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/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](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](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 [ $5.0 \times 10^{-5}$ ]<sup>[8]</sup>, the distances recorded were significant [750m]<sup>[8]</sup>

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

**CONTROLLED DISCLOSURE**

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**

- 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.
- 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.
- Eskom must be informed of any proposed wind turbine, concentrated solar plants and photovoltaic activity within a 5 km radius of a substation. No wind turbine structure shall be built within a 2 km radius of the closest point of the substation. Where concentrated solar plants and photovoltaic structures fall within a 2 km radius of the closest point of a substation, Eskom should be informed in writing during the planning phase of the construction of such plant or structure.
- Applicants must show that Eskom radio telecommunication systems (mainly microwave systems) will not be affected in any way by wind turbines.

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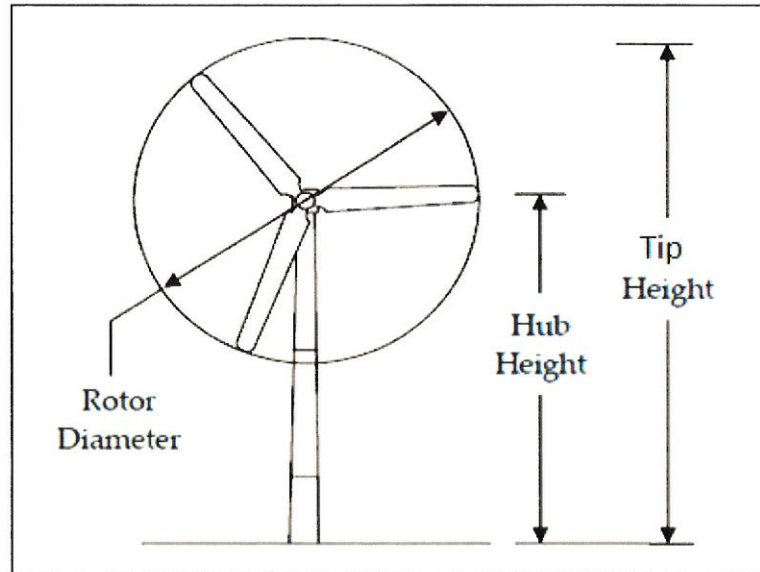


Figure 1: Horizontal Axis Wind Turbine <sup>[2]</sup>

**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

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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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## 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)

Senior Environmental Advisor  
Eskom GC: Land Development

## Gabriele Wood

---

**From:** Chris Schutte (CEJ) <SchutCE5@telkom.co.za>  
**Sent:** 27 June 2016 12:05  
**To:** 'gabriele@savannahsa.com'  
**Subject:** CSCD0361-16 SKUITDRIFT 10MW PHOTOVOLTAIC SOLAR FACILITY

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Good day

Hereby do we acknowledge your proposed project.

For future reference please quote [CSCD0361-16](#).

Kind regards

Chris Schutte  
Mvelaphande Trading  
[SchutCE5@telkom.co.za](mailto:SchutCE5@telkom.co.za)  
051 401 6701 / 081 045 5686

~~~~~  
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~~~~~



Mvelaphande Trading

**Mvelaphande Trading**  
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Enquiries: Chris Schutte  
Telephone: 051 - 401 6701/ 0810455686  
Fax : 088 0514016238  
E-mail : Schutce5@telkom.co.za

Our Ref no: CSCD0361-16

Your Ref : SKUITDRIFT 10MW PHOTOVOLTAIC SOLAR FACILITY

28 June 2016

Savannah Environmental (Pty) Ltd  
P.O. Box 148  
SUNNINGHILL  
2157

FOR ATTENTION: Gabriele Wood

**ENVIRONMENTAL IMPACT ASSESSMENT PROCESS PUBLIC PARTICIPATION PROCESS  
SKUITDRIFT 10MW PHOTOVOLTAIC SOLAR FACILITY, NORTHERN CAPE PROVINCE**

With reference to your above-mentioned application, I hereby inform you that our Client (Telkom SA SOC Ltd) approves the proposed work indicated on your drawings in terms of Section 23 of the Electronic Communication Act No. 36 of 2005 as amended.

No infrastructure of our Client (Telkom SA SOC Ltd) will be affected by this proposal.

**Although we are not affected by this proposal, Mr Vivian Groenewald must be contacted at 081 362 6738 from our Client (Telkom SA SOC Ltd)'s Network Field Services before commencement of work.**

Approval of the proposed route is valid for six months. If construction has not yet commenced within this period, then the file must be resubmitted for approval

Any changes/deviations from the original planning during or prior to construction must immediately be communicated to this office.

Please notify this office and forward an as built plan, within 30 days of completion of construction.

**Mr Vivian Groenewald must be contacted at telephone number 081 362 6738 from our Client ( Telkom SA SOC Ltd ) Network Fields Services before commencement of any work.**

Yours sincerely

CHRIS SCHUTTE





Namibia



EXISTING	PLANT	NOT AFFECTED
INFO AND LEGS PROVIDED BY		
C. Schutte		
PLANNED		
28/06/2016	DATE	
pp Mico to [Signature]		
28/06/2016	DATE	
[Signature]		

TELKOM SA, LIMITED DECLARATION  
NO COMPANY PLANT IS AFFECTED BY  
THIS PROPOSAL.

# **STAKEHOLDER CONSULTATION**

## Ashleigh Blackwell

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**From:** Ashleigh Blackwell <ashleigh@savannahsa.com>  
**Sent:** 07 April 2016 11:17 AM  
**To:** 'Natasha Higgitt'  
**Subject:** RE: Project Handover for a Basic Assessment

Hi Natasha,

Thank you for all your help. I will notify you as soon as I have uploaded.

Keep well,

Ashleigh Blackwell  
Environmental Consultant | Savannah Environmental (Pty) Ltd  
Tel: +27 11 656 3237 | Fax: +27 86 684 0547

---

**From:** Natasha Higgitt [mailto:nhiggitt@sahra.org.za]  
**Sent:** 07 April 2016 11:01 AM  
**To:** Ashleigh Blackwell <ashleigh@savannahsa.com>  
**Subject:** Re: Project Handover for a Basic Assessment

Hi Ashleigh,

You may submit the DBAR as described. Please ensure that the DBAR and all appendices are uploaded to a new case on SAHRIS upon completion during the 30 day Public Review period. Please inform me when you have created the case and uploaded the documents and I will attend to the case as soon as it is assigned to me.

Kind Regards,

Natasha Higgitt  
Heritage Officer: Archaeology, Palaeontology and Meteorites Unit

South African Heritage Resources Agency  
- A nation united through heritage -

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**Natasha Higgitt**  
Heritage Officer: Archaeology, Palaeontology and Meteorites Unit

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**From:** "Ashleigh Blackwell" <[ashleigh@savannahsa.com](mailto:ashleigh@savannahsa.com)>  
**To:** "Natasha Higgitt" <[nhiggitt@sahra.org.za](mailto:nhiggitt@sahra.org.za)>  
**Sent:** Thursday, 7 April, 2016 10:53:14 AM  
**Subject:** RE: Project Handover for a Basic Assessment

Hi Natasha,

That is the report yes! The **HIA, AIA and PIA** will all **remain the same**. All specifics of the project are remaining the same as well – the applicant just decided to enlist a new environmental consulting company.

In my full DBAR I have created a separate section highlighting the Handover of the project as well as elements that will be used as part of a updated assessment. I have also referenced the previous EAP's and Specialists under this section as well. Would this warrant approval?

Thank you

Ashleigh Blackwell

Environmental Consultant | Savannah Environmental (Pty) Ltd

Tel: +27 11 656 3237 | Fax: +27 86 684 0547

---

**From:** Natasha Higgitt [<mailto:nhiggitt@sahra.org.za>]  
**Sent:** 07 April 2016 10:25 AM  
**To:** Ashleigh Blackwell <[ashleigh@savannahsa.com](mailto:ashleigh@savannahsa.com)>  
**Subject:** Re: Project Handover for a Basic Assessment

Good morning,

Thank you for notifying SAHRA of the development. I have searched for the previous case on SAHRIS and I found the Skuitdrift Solar Project SAHRIS Case ID: 77 (<http://sahra.org.za/sahris/cases/skuitdrift-solar-project>). Please confirm if the Heritage Report attached to the case is the one you will be submitting.

In terms of the application, you will be able to reference this report (with permission from the author) for your development case provided that the activities and impact footprint that was assessed previously in the HIA have remained exactly the same. The new BAR must reflect that an old HIA report is being utilized as part of the updated assessment. If there are any areas that are new impact footprint areas when compared to the old case, then the old HIA report is not valid and an updated HIA would need to be conducted.

Kind Regards,

Natasha Higgitt  
Heritage Officer: Archaeology, Palaeontology and Meteorites Unit

South African Heritage Resources Agency  
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**From:** "Ashleigh Blackwell" <[ashleigh@savannahsa.com](mailto:ashleigh@savannahsa.com)>  
**To:** [nhiggitt@sahra.org.za](mailto:nhiggitt@sahra.org.za)  
**Sent:** Thursday, 7 April, 2016 10:13:09 AM  
**Subject:** Project Handover for a Basic Assessment

Good Afternoon Natasha,

Savannah Environmental (Pty) Ltd. have been approached by Skuitdrift Solar Project (Pty) Ltd. to REDO a basic assessment report (that lapsed by the previous EPA's) for the proposed development of a 10MW PV facility on Skuitdrift Farm 426.

The previous environmental assessment practitioners enlisted Stephan De Kock of Perception heritage planning to undertake a Heritage assessment for the proposed development (April 2012). Savannah will be using the same report as the features stated in the report have remained unchanged. My question to you is: How do we go about getting the report re registered/reviewed and accepted in its current state – Savannah would of course like to make your life easier. It is my understanding that once the report is in the public domain, your system should pick it up again.

The report reference for the previous BAR is: KHA 132/20 and the Final BAR was released 21 June 2012.

Kind Regards,

Ashleigh Blackwell

Environmental Consultant | Savannah Environmental (Pty) Ltd

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This email has been checked for viruses by Avast antivirus software.  
[www.avast.com](http://www.avast.com)

Ashleigh Blackwell  
Environmental Consultant  
Cell: 079 895 1456  
Email: [ashleigh@savannahsa.com](mailto:ashleigh@savannahsa.com)  
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## Gabriele Wood

---

**From:** Ashleigh Blackwell <ashleigh@savannahsa.com>  
**Sent:** 29 June 2016 15:07  
**To:** GeerinJH@eskom.co.za  
**Cc:** Gabriele Wood  
**Subject:** FW: EIA PROCESS - SKUITDRIFT 10MW PHOTOVOLTAIC SOLAR FACILITY, NORTHERN CAPE PROVINCE - NOTIFICATION OF BASIC ASSESSMENT PROCESS  
**Attachments:** 10 MW Footprint.kmz

Dear John,

Please see attached the KMZ of the 17ha proposed development footprint for the Skuitdrift Solar Facility.

Thank you

**Ashleigh Blackwell**

Environmental Consultant | Savannah Environmental (Pty) Ltd  
Tel: +27 11 656 3237 | Fax: +27 86 684 0547

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**From:** Gabriele Wood [mailto:gabriele@savannahsa.com]  
**Sent:** 27 June 2016 11:49 AM  
**To:** 'Ashleigh Blackwell' <ashleigh@savannahsa.com>  
**Subject:** FW: EIA PROCESS - SKUITDRIFT 10MW PHOTOVOLTAIC SOLAR FACILITY, NORTHERN CAPE PROVINCE - NOTIFICATION OF BASIC ASSESSMENT PROCESS

Hi Ashleigh

Please can you respond to the request from John Geeringh of Eskom below. Please cc me in your response for record keeping purposes.

Thanks.

Kind regards

**Gabriele Wood**

Public Participation and Social Consultant | Savannah Environmental (Pty) Ltd  
Tel: +27 11 656 3237 | Fax: +27 86 684 0547

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**From:** John Geeringh [mailto:GeerinJH@eskom.co.za]  
**Sent:** 27 June 2016 11:11  
**To:** Gabriele Wood <gabriele@savannahsa.com>  
**Subject:** RE: EIA PROCESS - SKUITDRIFT 10MW PHOTOVOLTAIC SOLAR FACILITY, NORTHERN CAPE PROVINCE - NOTIFICATION OF BASIC ASSESSMENT PROCESS

Please send me a KMZ file of the proposed site location.

Regards

John

---

**From:** Gabriele Wood [mailto:gabriele@savannahsa.com]  
**Sent:** 24 June 2016 11:50 AM  
**Subject:** EIA PROCESS - SKUITDRIFT 10MW PHOTOVOLTAIC SOLAR FACILITY, NORTHERN CAPE PROVINCE - NOTIFICATION OF BASIC ASSESSMENT PROCESS

Dear Stakeholder

Skuitdrift Solar Project (Pty) Ltd, an Independent Power Producer (IPP), proposes the establishment of a small-scale solar photovoltaic (PV) facility and associated infrastructure on a site located within the Skuitdrift area 50km north west of Augrabies between the towns of Pofadder and Kakamas in the Northern Cape Province. The PV facility is referred to as the Skuitdrift Solar Facility. In terms of the Environmental Impact Assessment (EIA) Regulations published in terms of Section 24(5) of the National Environmental Management Act (NEMA, Act No. 107 of 1998), Skuitdrift Solar Project (Pty) Ltd requires authorisation from the Department of Environmental Affairs (DEA). Skuitdrift Solar Project (Pty) Ltd has appointed Savannah Environmental (Pty) Ltd as the independent environmental consultant, to undertake the required Basic Assessment to identify and assess all the potential environmental impacts associated with the proposed projects, and propose appropriate mitigation and management measures in an Environmental Management Programme (EMPr). Please refer to the attached notification letter for further details regarding the project.

Kind regards

**Mrs Gabriele Wood**

**Public Participation and Social Consultant**

**Savannah Environmental (Pty) Ltd**

**Tel: 27 11 656 3237**

**Fax: 086 684 0547**

**Email: [gabriele@savannahsa.com](mailto:gabriele@savannahsa.com)**

**[www.savannahsa.com](http://www.savannahsa.com)**

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