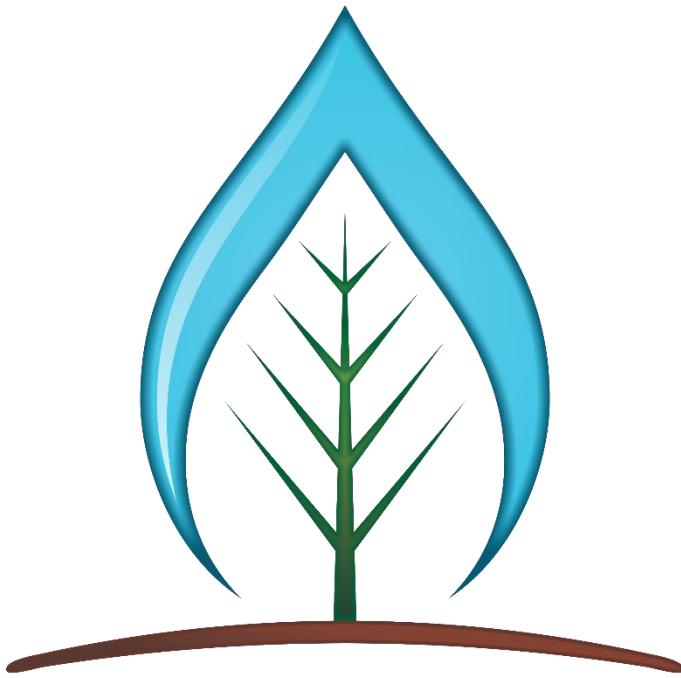


Environmental
management
Group (PTY) Ltd



EMG

PUBLIC PARTICIPATION

REPORT FOR

132 KV GRID

CONNECTION

TRANSMISSION LINE

BETWEEN THE ORANGE

RIVER SOLAR FACILITY 1

AND ESKOM'S HIGH

VOLTAGE

GROBLERSHOOP

SUBSTATION,

NORTHERN CAPE

PROVINCE



Compiled by:

Christien Kruger

*Public Participation and Water use
license practitioner*

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Glossary of terms and acronyms

BAR	Basic Assessment Report
CEA	Cumulative Effects Assessment
DFFE	Department of Environment, Forestry and Fisheries
DM	District Municipality
DWS	Department of Water and Sanitation
EA	Environmental Authorisation
EAP	Environmental Assessment Practitioner
EIA	Environmental Impact Assessment
EMPr	Environmental Management Programme
Environmental impact	Any change to the environment, whether adverse or beneficial, wholly, or partially resulting from a development and or the operation thereof.
GNR	Government Notice Regulation
I&AP	Interested and affected party
kV	Kilo Volt
kph	Kilometre Per Hour
Mitigate	Activities designed to lessen/compensate for unavoidable environmental impacts.
MW	Megawatt
NEMA	National Environmental Management Act No. 107 of 1998
NWA	National Water Act No. 36 of 1998
LM	Local Municipality
PPP	Public Participation Process
SAHRA	South African Heritage Resources Agency
SPP	Solar Power Plant

1. Introduction

According to Appendix 3, Section 3 (1), of the 2014 EIA Regulations (as amended in 2017), an Environmental Impact Assessment Report must include *“(h) a full description of the process followed to reach the proposed development footprint within the approved site as contemplated in the accepted scoping report, including:*

- (ii). details of the public participation process undertaken in terms of regulation 41 of the Regulations, including copies of the supporting documents and inputs;*
- (iii). a summary of the issues raised by interested and affected parties, and an indication of the manner in which the issues were incorporated, or the reasons for not including them.”*

Public Participation Process (PPP) forms an integral part of the application process. It provides people with the opportunity to raise their issues and concerns about the proposed development. The public participation process to which this BAR process is subjected to must *“give all potential or registered interested and affected parties, including the competent authority, a period of at least 30 days to submit comments.”* In addition, the public participation process *“must provide access to all information that reasonably has or may have the potential to influence any decision with regard to an application.”*

Public participation must include *“consultation with—*

- a) the competent authority.*
- b) every State department that administers a law relating to a matter affecting the environment relevant to an application for an environmental authorisation.*
- c) all organs of state which have jurisdiction in respect of the activity to which the application relates; and*
- d) all potential stakeholders, landowners, land users, where relevant, registered interested and affected parties.”*

In terms of the NEMA, public participation process provides people who may be affected by the proposed development with an opportunity to provide comment and to raise issues of concern about the project, or to make suggestions that may result in enhanced benefits for the project. Comments and issues raised during the PPP will be captured, evaluated, and included in a comments and responses register. The issues will be addressed and included in the final version of the report, submitted to the decision-making authority, **DFFE**.

2. Development locality

The proposed transmission line is situated on the following properties, Boegoeberg Settlement (In Kenhardt) parcel nr 2642,1315, 707, 1316, Rooisand 387 portion 18, near Groblershoop, Northern Cape Province within the jurisdiction of the !Kheis Local Municipality, ZF Mgcawu District.

The proposed powerline will be approximately 3.5 km in length, running near parallel to an existing high voltage transmission line and the distance between proposed and existing transmission lines will vary between 50 m to 75 m. The subject site is located approximately 3 km from the Central Business District of Groblershoop. The eastern boundary of the site runs parallel to the N8 Freeway and various roads can be used to access to the site. The beginning of the powerline can be obtained from the N8 Highway via one of the gravel roads and the end of the powerline can be obtained from the N10 via one of the gravel roads heading towards the substation. The proposed facility will entail the construction of a 132 kV sub-transmission line with associated supporting infrastructure and internal access road.

3. Project description

The proposed 132 kV sub-transmission line development will connect the Orange River Solar facility 1 to the Eskom high voltage sub-station, which is located north-west of Groblershoop in the !Kheis local municipality (Northern Cape Province) and falls within the ZF Magcawu District Municipality. The properties to be affected by the proposed development include the following:

-  Boegoeberg Settlement (In Kenhardt) parcel nr 2642
-  Boegoeberg Settlement (In Kenhardt) parcel nr 2024
-  Boegoeberg Settlement (In Kenhardt) parcel nr 1315
-  Boegoeberg Settlement (In Kenhardt) parcel nr 707
-  Boegoeberg Settlement (In Kenhardt) parcel nr 1316
-  Rooisand 384 Portion 18

Approximately 3.5 km long, the proposed transmission line will connect the proposed photovoltaic solar facility to the national grid through the selected Eskom sub-station. Approximately 2.6 km North of Groblershoop, the entrance to the farm Rooisand and Destination River Resort can be found to the left of the N8, a little past the Orange River bridge. The estimate physical clearance is to some extent difficult to accurately determine considering the development's low intensive and linear nature. Physical clearance will be restricted to pylon placement, trampling of vegetation via vehicle movement, and the circumstantial instalment of service roads. Based on the information provided to the EAP, the pylon footprint / laydown structures ranges from

0.6 x 0.6m to 1.5m x 1.5m with the larger footprint associated with the guyed suspension and angle strain pole as bend/ strain structures. Refer to the figure below for a visual reference to the existing powerline. It's important to note that the design specifications of the proposed powerline's pylons will be similar to the existing 132 kV transmission line. The operational requirements of powerlines necessitate the instalment of service roads. These roads are typically less than 8 m wide and is used for maintenance purposes. The proposed powerline development's proximity to the existing powerline allows for the sharing of service roads. By sharing the existing powerline's service road, the actual clearance will be limited. In some areas of limited access, a new service road will be developed by clearing an approximate 8 m wide stretch of vegetation. If assumed service roads will be laid down along the whole powerline's layout, the total clearance will be less than 3 ha. It's important to note that the clearance of 3 ha is highly unlikely as existing service roads will be utilised and clearance near the Orange River's riparian vegetation will be greatly limited.

Transmission lines require service roads, which would increase the actual area that would be influenced by the proposed development. However, the presence of an existing high voltage transmission line running near parallel to the proposed transmission line has an existing service road. Thus, the development of a service road is not required, which lowers the actual area that will be influenced by the proposed development.

The northern sections of the transmission line will occur on steeply to gently undulating hillsides. Gently inclining floodplains along the orange river mark the southern areas of the transmission line, which experiences less undulating topography.

3.1. Environmental authorisation process:

The Environmental Impact Assessment (EIA) Regulations, 2014 (as amended) promulgated in terms of Chapter 5 of NEMA, provides for the control of certain listed activities. Such activities are prohibited from commencing until written authorisation is obtained from the competent authority. The listed activities are indicated in three (3) Listing Notices:

 Listing Notice 1 (GNR. 327, 07 APRIL 2017)

 Listing Notice 2 (GNR. 325, 07 APRIL 2017)

 Listing Notice 3 (GNR. 324, 07 APRIL 2017)

Any development which triggers activities in Listing Notice (LN) 1 and 3 are subject to a Basic Assessment Report Environmental Authorisation Process and activities triggered within LN 2 are subject to a Scoping and Environmental Impact Assessment EA process.

As per the EIA regulations, 2014 (as amended) the following listing notice activities are triggered:

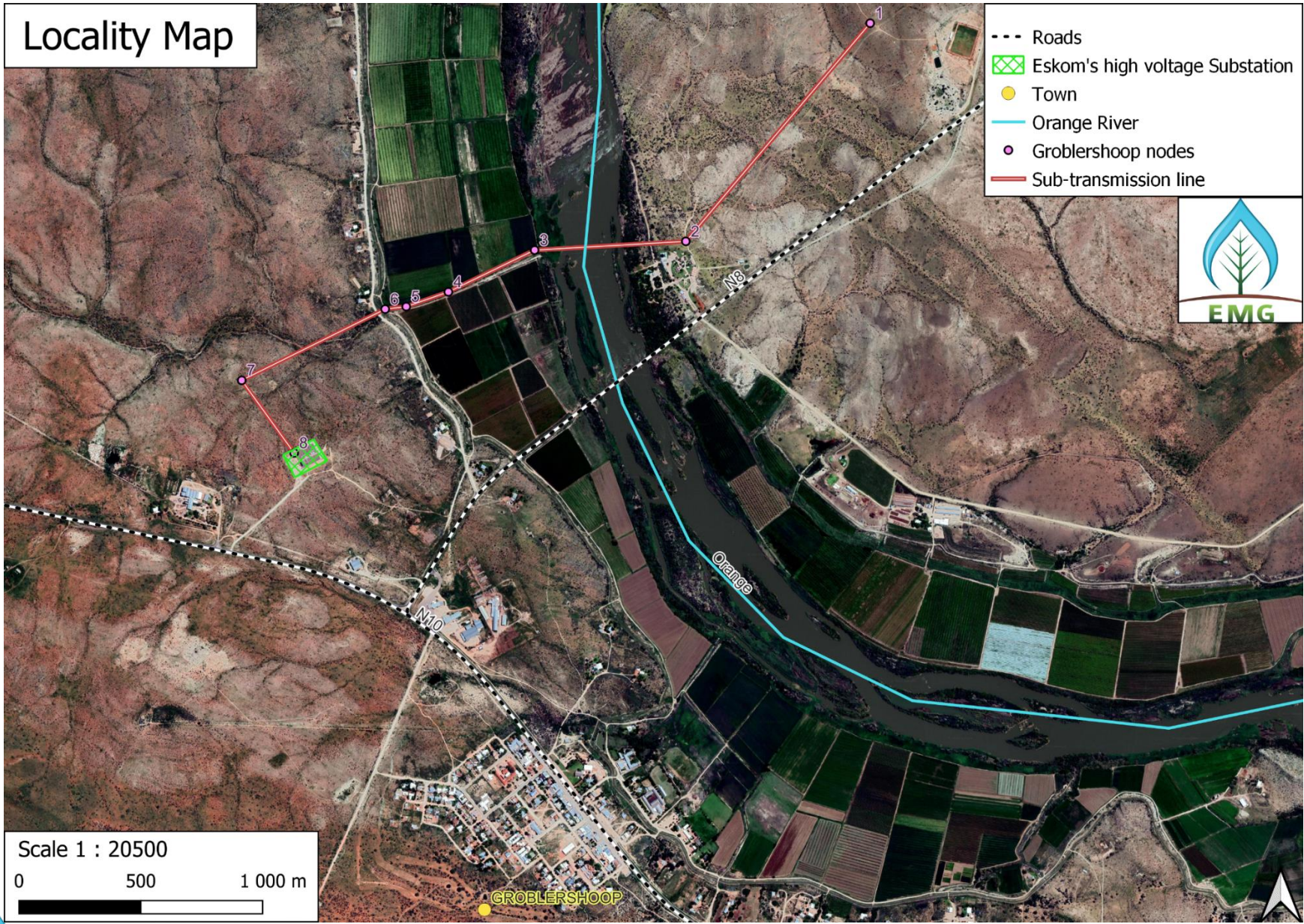
Listed activity nr.	Listed activity description	Relevance to the project
Listing Notice 1 (GN R 327, 07 April 2017)		
Activity 11	The development of facilities or infrastructure for the transmission and distribution of electricity— (i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts.	The proposed powerline will entail the construction of a 132 kV sub-transmission line outside the urban edge for the transmission and distribution of electricity.
Activity 12	The development of - dams or weirs, where the dam or weir, including infrastructure and water surface area, exceeds 100 square metres; or infrastructure or structures with a physical footprint of 100 square metres or more; (a) within a watercourse; (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse.	The pylon footprints and 132kV sub-transmission line (i.e. cabling) will exceed 100 m ² and will be constructed within a watercourse and / or within 32 m of a watercourse located within the project site.
Activity 19	The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse.	The pylon footprints and 132 kV sub-transmission line will require the infilling or depositing of material of more than 10 m ³ or the excavation, removal or moving of soil, sand, pebbles or rock of more than 10 m ³ from a watercourse.
Listing Notice 3 (GN R324, 07 April 2017)		
Activity 12 (b) (ii)	The clearance of an area of 300 square metres or more of indigenous vegetation Within critical biodiversity areas identified in bioregional plans.	The construction of the 132 kV transmission line entails the clearance of more than 300 m ² of vegetation, within a Critical Biodiversity Area 1 (CBA21).

3.2. Timeframes

3.2.1. Basic Assessment Report timeframe



process steps (in accordance with chapter 6 of gn326)	responsible party	timeframe
Initial communication to clarify the application with the Authorising Department.	EAP	1 day
EAP to conduct a site investigation	EAP	1 day
EAP to submit Application for Environmental Authorisation to the competent authority.		1 day
Competent authority Accepts Application.	Competent authority	14 day
EAP to compile a Basic Assessment Report subjected to 30 days Public Participation Process.	EAP	90 day
EAP to submit Final Basic Assessment Report inclusive of comments to competent authority.	EAP	1 day
Competent authority to grant or decline Approval for Environmental Authorisation.	Competent authority	107 day
Environmental Authorisation subject to 20-day appeal process.	EAP	20 day
Final Approval of Environmental Authorisation.	Competent authority	1 day

1. Maps



2. Approach and methodology

The Public Participation Process was conducted as per GNR326 chapter 6 sections 39-44 of the Environmental Impact Assessment Regulations 2014 (as amended 07 April 2017) and the Public Participation Guidelines, 2017 were considered. Steps, which were taken to inform the identified I&APs and surrounding community of the proposed development included:

-  Newspaper advertisement.
-  Site notices

BLADSY 12

NOTICE OF APPLICATION FOR ENVIRONMENTAL AUTHORISATION (EA) AND WATER USE AUTHORISATION ENVIRONMENTAL AUTHORISATION BASIC ASSESSMENT REPORT

Notice is hereby given in terms of Chapter 6 of the Environmental Impact Assessment (EIA) regulations, 2014, as amended, in terms of the National Environmental Management Act, (Act No. 107 of 1998), that a Basic Assessment process will be lodged with the DFFE.

WATER USE AUTHORISATION

A Water Use Authorisation (WUA) in terms of the National Water Act (NWA), 1998 (Act No. 36 of 1998, as amended) and its associated Regulations will be submitted to the Department of Water and Sanitation (DWS).

PROJECT NAME: 132 KV GRID CONNECTION TRANSMISSION LINE BETWEEN THE ORANGE RIVER SOLAR FACILITY 1 AND ESKOM'S HIGH VOLTAGE GROBLERSHOOP SUBSTATION.

Listing Notice 1 (GNR. 327, 07 APRIL 2017)

GN 327,11. The development of facilities or infrastructure for the transmission and distribution of electricity— (i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts.

GN 327,12. The development of - dams or weirs, where the dam or weir, including infrastructure and water surface area, exceeds 100 square metres; or infrastructure or structures with a physical footprint of 100 square metres or more; (a) within a watercourse;

(c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse; —

GN 327,19. The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse;

Listing Notice 3 (GNR. 324, 07 APRIL 2017)

GN 324,12 (b).(i) The clearance of an area of 300 square metres or more of indigenous vegetation. Within critical biodiversity areas identified in bioregional plans.

NWA: Section 21 (ACT NO. 36 of 1998), as amended

21 (c): impeding or diverting the flow of water in a watercourse; and
21 (i): altering the bed, banks, course, or characteristics of a watercourse.

PROPERTY DESCRIPTION AND LOCATION: Groblershoop, situated on Farm Rooisand, 387, Portion 18, Boegoeberg Settlement (In Kenhardt) parcel numbers 2642, 2024, 1315, 707, 708, 1316, 2952 within the jurisdiction of the !Kheis Local Municipality, in the Northern Cape Province.

PROPONENT: ORANGE RIVER SOLAR FACILITY 1
CONSULTANT: ENVIRONMENTAL MANAGEMENT GROUP
PTY LTD
PO Box 37473, Langenhoven Park, 9330
Tel: 051 412 6350 / Cell: 083 678 3032
Email: svr@envmgrp.com
Website: www.envmgrp.com

In order to ensure that you are identified as an Interested and/or Affected Party and that you receive all of the updated information pertaining to this project throughout the process, please submit your name, contact information and interest in the matter to the consultant given above within 30 days of publication of this notice.

Thirty days are allowed for your comments to reach us as per NEMA (Act 107, 1998, amended 7 April 2017), GNR 326.

2.2. Site notices



Site notice 1:

Placed at:
-28.883432 / 21.980799



Site notice 2:

Placed at:
-28.879436 / 21.9787150



Site notice 3:

Placed at:
28.869659 / 22.001230

3. List of I&APs

List of Stakeholders and I&AP's

Department / Organisation	Contact Person	E-Mail Address	Address	Contact Nr
Department Transport, Safety and Liaison	Ms Lizell Wolfe	acrouch@ncpg.gov.za, amontwedi@ncpg.gov.za, mrattle@ncpg.gov.za		053 839 1700 / 053 839 1773
Department of Environment and Nature Conservation (DENC)	Mr D Paulse	davidpaulse@gmail.com		082 457 9851
Depart of mineral resources & energy	Mr Ndlelenhle Zindela, Ms Ntombi Mayekiso	Ndlelenhle.zindela@dmr.gov.za, ntombi.mayekiso@dmr.gov.za	41 Schmidtsdrift street, Telkom Building, KIMBERLEY, 8300	(053) 807 1700
Northern cape heritage authority		rtimothy@nbkb.org.za	1 Monridge Office Park, c/o Kekewich Drive & Memorial Road, Kimberley,	0790369695
Transnet		enquiries@transnet.net	138 Eloff Street Braamfontein JOHANNESBURG 2000	011 308 3000
Dept of health	Ms.L Smith	lizelsmith@ncpg.gov.za	James Exum Building, Du Toit Span Road, Kimberley	053 830 2100
National energy regulator South Africa	Mr Charles Hlebela	charles.hlebela@nersa.org.za	Kulawula House, 526 Madiba (Former Vermeulen) Street, Arcadia, Pretoria	083 646 8280
Department of Water and Sanitation	Ms Vhonani Ramugondo, Ms Alexia Hlengani, Mr Shaun Cloete	ramugondov@dws.gov.za, HlenganiA@dws.gov.za, CloeteS@dws.gov.za	28 Central Road, Beaconsfield, Kimberley	0538367699, 0836333642, 0543340205
Department of Cooperative Governance, Human Settlements and Traditional Affairs (NC)	Mr Mbuyisilo Madyo	rgladile@ncpg.gov.za		053 830 9513
Department of Roads and Public Works	Mr K Nogwili (HOD)	drpw-info@ncpg.gov.za, KNogwili@ncpg.gov.za, CRobertson@ncpg.gov.za, BSlingers@ncpg.gov.za		(053)839 2241 (053)839 2291
Department of Forestry, Fisheries, and the Environment (Biodiversity)	Mrs MP Hasha	MPhasha@dffe.gov.za	473 Steve Biko & Soutpansberg Roads, Arcadia, Pretoria	012 399 9342
ZF Mgcawu District Municipality - Municipal Manager	Mr JG Lategan	gilazfm-dm.gov.za	cnr Hill and Le Roux Street, UPINGTON	054 337 2800

Kheis Local Municipality - Executive Mayor	Cllr. RVM Christie	rvmchristie@gmail.com	97 Oranje Street, Groblershoop, 8850	054 833 9500
Kheis Local Municipality – Municipal Manager	Mr F Van Eck	Fvaneck3@gmail.com, ronellizzet@fmail.com	97 Oranje Street, Groblershoop, 8850	054 833 9500
!Kheis Local Municipality– Ward Councillor 3	Mr P Vries	Paulvries10@gmail.com		0631323788
Department of Agriculture, Land Reform	Mr Wonders Mothibi (HOD)	rslaters@ncpg.gov.za, pamnc@vodamail.co.za		(053)838 9102
SANRAL	Ms Nicole Abrams	abrahamsn@nra.co.za		0219574602
Eskom	Ms Lebohang Motoai	lebohang.motoai@eskom.co.za, mzwandile.madodonke@eskom.co.za, motlatsi.makhari@eskom.co.za,		051 404 2582
Company Mega Boloka (PTY) LTD	Fortune Boloka	fortunefortune639@gmail.com		073 811 1405
Kalahari Kid Cooperation	Hannes - Judith	Hannes@kalaharikid.co.za / Judith@kalaharikid.co.za		060 506 2020
	Mr J Van Zyl			0834070252
Northern Cape Department of Agriculture, Environmental Affairs, Rural Development and Land Reform (Environmental Research and Development)	Samantha De la Fontaine (Pr.Sci.Nat.)	sdelafontaine@gmail.com	Evelina de Bruin Building C/o Rivier & Nelson Mandela Road Upington 8800	054 338 4800
SA Civil Aviation Authority	Mr Sandile Ngcongo	Ngcongos@caa.co.za	Ikhaya Lokundiza,16 Treur Close, Waterfall Park, Bekker Street, Midrand, JOHANNESBURG, 1685	011 545 1330 / 083 461 6438
Neighbour	Mr Johannes Fourie	fouriefarm@gmail.com	Groblershoop	0827850626
Neighbour	Mr Willem Kobus Fourie	wilco@lofdal.net	Groblershoop	0827896207

4. Comment and response register

There were no comments received.

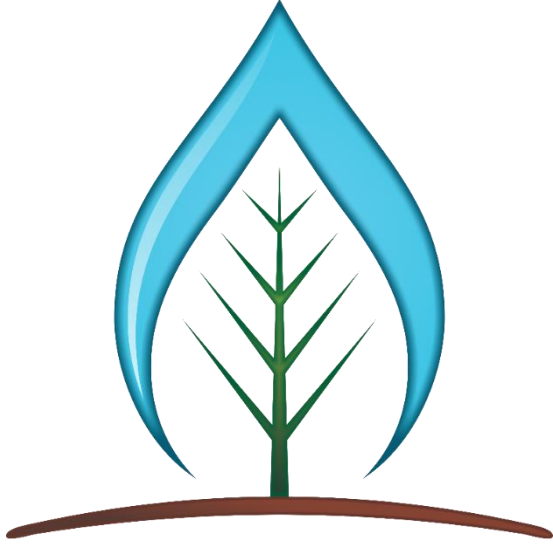
5. Conclusion

It is concluded that the methods incorporated in the public participation process to inform the surrounding landowners, organs of state and identified government authorities was adequate. All the identified I&APs were given an opportunity to give input regarding the proposed development and no comments were received.

Appendix A

Background Information Document





EMG

**BACKGROUND
INFORMATION**

DOCUMENT FOR

132 KV GRID

CONNECTION

TRANSMISSION LINE

BETWEEN THE

ORANGE RIVER SOLAR

FACILITY 1 AND

ESKOM'S HIGH

VOLTAGE

GROBLERSHOOP

SUBSTATION,

NORTHERN CAPE

PROVINCE

Environmental
Management Group
(PTY) Ltd

Compiled by:

Christien Kruger

*Public Participation and Water use
license practitioner*



Background Information Document for 132 KV grid connection transmission line between the Orange River Solar facility 1 and Eskom's high voltage Groblershoop substation.

October 2022

INTRODUCTION

Environmental Management Group (PTY) Ltd is the Professional Service Provider applying for all applicable Environmental Applications for the proposed 132 KV grid connection transmission line between the Orange River Solar facility 1 and Eskom's high voltage Groblershoop substation.

LOCALITY

The site is located approximately 3 km from the Central Business District of Groblershoop. The eastern boundary of the site runs parallel to the N8 Freeway and various roads can be used to access to the site. The properties affected by the proposed powerline development is listed below.

-  Boegoeberg Settlement (In Kenhardt) parcel nr 2642
-  Boegoeberg Settlement (In Kenhardt) parcel nr 2024
-  Boegoeberg Settlement (In Kenhardt) parcel nr 1315
-  Boegoeberg Settlement (In Kenhardt) parcel nr 707
-  Boegoeberg Settlement (In Kenhardt) parcel nr 708
-  Boegoeberg Settlement (In Kenhardt) parcel nr 1885
-  Boegoeberg Settlement (In Kenhardt) parcel nr 1316
-  Rooisand 387 portion 18

PROJECT DESCRIPTION

The proposed 132 kV sub-transmission line development will connect the Orange River Solar facility 1 to the Eskom high voltage sub-station, which is located north-west of Groblershoop in the !Kheis local municipality (Northern Cape Province) and falls within the ZF Magcawu District Municipality.

Approximately 3.5 km long, the proposed transmission line will connect the proposed photovoltaic solar facility to the national grid through the selected Eskom sub-station.

Approximately 2.6 km North of Groblershoop, the entrance to the farm Rooisand and Destination River Resort can be found to the left of the N8, a little past the Orange River bridge. The estimate physical clearance is to some extent difficult to accurately determine considering the development's low intensive and linear nature. Physical clearance will be restricted to pylon placement, trampling

PURPOSE OF THIS DOCUMENT

EMG has prepared this document to inform you about:

- ✿ The proposed project.
- ✿ The current understanding of the baseline environmental and social conditions.
- ✿ Possible environmental impacts and proposed specialist studies.
- ✿ How you can have input into the Environmental Authorisation Processes.

YOU'RE ROLE

You have been identified as an Interested and/or Affected Party (I&AP) who may want to be informed about the proposed 132 KV grid connection transmission line between the Orange River Solar facility 1 and Eskom's high voltage Groblershoop substation and have input into the processes and environmental reports.

You have an opportunity to review this document and provide your initial comments to us for incorporation in the process. You will also be given the opportunity to provide input at the public meeting, if the need arises. And to review and comment on some reports.

Comments will be recorded and included in the reports submitted to the relevant authorities for decision-making.

HOW TO RESPOND

If you are interested in receiving further information on the project, please register your details with the person listed below. Responses to this document can be submitted by means of the attached comments sheet and/or through communication with the persons listed below.

Christien Kruger

Tel: 051 412 6350

E-mail: ckruger@envmgrp.com

of vegetation via vehicle movement, and the circumstantial instalment of service roads. Based on the information provided to the EAP, the pylon footprint / laydown structures ranges from 0.6 x 0.6m to 1.5m x 1.5m with the larger footprint associated with the guyed suspension and angle strain pole as bend/ strain structures. Refer to the figure below for a visual reference to the existing powerline. It's important to note that the design specifications of the proposed powerline's pylons will be similar to the existing 132 kV transmission line. The operational requirements of powerlines necessitate the instalment of service roads. These roads are typically less than 8 m wide and is used for maintenance purposes. The proposed powerline development's proximity to the existing powerline allows for the sharing of service roads. By sharing the existing powerline's service road, the actual clearance will be limited. In some areas of limited access, a new service road will be developed by clearing an approximate 8 m wide stretch of vegetation. If assumed service roads will be laid down along the whole powerline's layout, the total clearance will be less than 3 ha. It's important to note that the clearance of 3 ha is highly unlikely as existing service roads will be utilised and clearance near the Orange River's riparian vegetation will be greatly limited.

Transmission lines require service roads, which would increase the actual area that would be influenced by the proposed development. However, the presence of an existing high voltage transmission line running near parallel to the proposed transmission line has an existing service road. Thus, the development of a service road is not required, which lowers the actual area that will be influenced by the proposed development.


The northern sections of the transmission line will occur on steeply to gently undulating hillsides. Gently inclining floodplains along the orange river mark the southern areas of the transmission line, which experiences less undulating topography

PUBLIC PARTICIPATION

The PPP forms a fundamental part of the application for rectification procedure and is one of the most important aspects of the environmental authorisation process. Its aim is to provide an opportunity for interested and affected parties (I&AP's) to obtain clear, accurate and comprehensive information about the application and the environmental impacts thereof.

In addition, inputs from the public, interested and affected groups are considered in the planned project development. As a result, a clear recording of issues raised, and comments made is maintained in a register of comments and responses. This register is updated as and when new comments and concerns are raised.

 Public participation & authority review of application (30 calendar days).

 Submit application to competent authority, stakeholders and I&APs.

 Submit final application to competent authority.

Circulate decision made by competent authority, to all stakeholders and I&APs.

PARTIES INVOLVED IN THE APPLICATION PROCESSES

IAPs

- ♣ Surrounding landowners, land users and communities
- ♣ Parastatals

KEY STAKEHOLDERS

- ♣ Department Transport, Safety and Liaison
- ♣ Department of Mineral Resources and Energy
- ♣ Transnet
- ♣ Department of Health
- ♣ National Energy Regulator South Africa
- ♣ Department of Water and Sanitation.
- ♣ Department of Cooperative Governance, Human Settlements and Traditional Affairs (NC)
- ♣ Department of Roads and Public Works
- ♣ SANRAL
- ♣ Eskom
- ♣ Department of Forestry, Fisheries and the Environment (Biodiversity)
- ♣ Department of Agriculture, Environmental Affairs, Rural Development and Land Reform (Environmental Research and Development)
- ♣ Department of Agriculture, Land Reform
- ♣ SA Civil Aviation Authority

LOCAL AUTHORITIES







- ♣ ZF Mgcawu District Municipality - Municipal Manager
- ♣ Kheis Local Municipality - Executive Mayor
- ♣ Kheis Local Municipality – Municipal Manager
- ♣ !Kheis Local Municipality– Ward Councillor 3

Please let us know if there are any additional parties that should be involved.

PROCESS STEPS (in accordance with GN326)	RESPONSIBLE PARTY	TIMEFRAME
1. Initial communication to clarify the application with the Authorising Department.	EAP	1 day
2. EAP to conduct a site investigation	EAP	1 day
3. EAP to submit Application for Environmental Authorisation to the competent authority.		1 day
4. Competent authority Accepts Application.	Competent authority	14 day
5. EAP to compile a Basic Assessment Report subjected to 30 days Public Participation Process.	EAP	90 day
6. EAP to submit Final Basic Assessment Report inclusive of comments to competent authority.	EAP	1 day
7. Competent authority to grant or decline Approval for Environmental Authorisation.	Competent authority	107 day
8. Environmental Authorisation subject to 20-day appeal process.	EAP	20 day
9. Final Approval of Environmental Authorisation.	Competent authority	1 day

Potential Environmental impacts

Below is a preliminary list of potential impacts identified at this stage of the process and will be investigated as part of the environmental assessment process. The list will be refined during the course of the Basic Assessment Process.

-  Heritage/cultural and paleoanthropological resources
-  Land use
-  Groundwater
-  Aquatic Ecological Assessment
-  Terrestrial ecological verification and impact assessment
-  Visual Impact Assessment

Maps: Locality Map



<p>Scale 1:60 000 GPS: 28° 52' 25.94" S, 21° 59' 16.74" E</p> <p>0 1 2 3 km</p>		<ul style="list-style-type: none">— Proposed transmission line— Study area○ Cities and towns— National roads	<ul style="list-style-type: none">⊙ Eskom substation (high voltage)■ Solar facility development area— Rivers	
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