

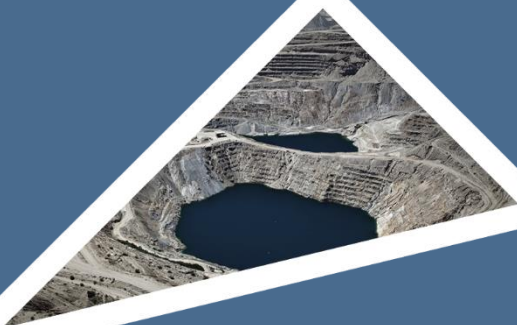


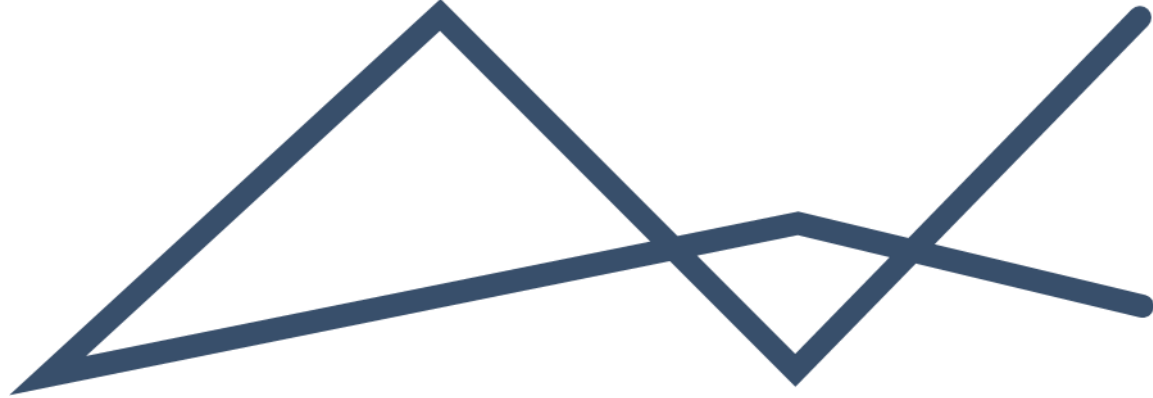
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CIVIL AVIATION COMPLIANCE STATEMENT

NTCSA ARIES-PAULPUTS-KOKERBOOM 400KV LOOP-IN-LOOP-OUT
PROJECT





DOCUMENT DETAILS

EIMS REFERENCE: 1607

DOCUMENT TITLE: NTCSA Aries-Paulputs-Kokerboom 400kv Loop-In-Loop-Out Project:
Civil Aviation Compliance Statement

DOCUMENT CONTROL

	NAME	SIGNATURE	DATE
COMPILED:	Dr Lucien James	<i>Sent Electronically</i>	2025/11/19
CHECKED:	John von Mayer	<i>Sent Electronically</i>	2025/11/19
AUTHORIZED:	Liam Whitlow	<i>Sent Electronically</i>	2025/11/19

REVISION AND AMENDMENTS

REVISION DATE:	REV #	DESCRIPTION
2025/11/19	ORIGINAL DOCUMENT	Civil Aviation Compliance Statement

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Table of Contents

1	Introduction	2
2	Project Location	3
3	Recommendations and Approach.....	6
4	Undertaking Regarding Correctness of Information	7

List of Figures

Figure 1: Locality map of the proposed development.....	4
Figure 2: Map extracted from the DFFE Screening Tool showing areas of sensitivity.....	5

List of Tables

Table 1: EAP Details.	2
Table 2: Locality details	3

Annexures

Appendix 2: Written Comment from



1 INTRODUCTION

National Transmission Company South Africa SOC Ltd (NTCSA) (hereafter referred to as the applicant) has appointed Environmental Impact Management Services (Pty) Ltd (EIMS) as the Environmental Assessment Practitioner (EAP) to assist with undertaking the required authorisation processes (including the statutory public participation), and to compile and submit the required documentation in support of their proposed development of an upgrade to Paulputs Substation and the construction of a Loop-In-Loop-Out (LILO) Powerline from Paulputs Substation connecting to the existing Aries-Kokerboom powerline in the Northern Cape Province.

The proposed project is for construction of a new 49km long 400kV loop-in loop-out powerline as well as an expansion of the existing Paulputs substation. The need for the project is based on the Northern Cape Strengthening for Renewable Generation Integration (IRP 2019). To provide future reliability and flexibility in the evacuation of renewable power from Paulputs Substation, an additional 400 kV infeed is proposed via a loop in loop out from the Aries – Kokerboom 400 kV line. The project is part of the group of projects identified for the Northern Cape network strengthening requirements in meeting the IRP 2019 renewables generation integration. The installed generation capacity in the Northern Cape already exceeds the peak load in the province. Generation capacity is expected to increase in the province as a result of bulk renewable energy generation capacity allocation due to favourable sun and wind conditions. Therefore, significant network infrastructure is required to enable the integration and evacuation of power from the renewable energy plants anticipated in the province.

The project falls within the promulgated Strategic Transmission Corridors as per the GN R.113 dated 16 February 2018 and therefore will follow a Basic Assessment Process.

The proposed project is located on Farms Blad-Grond South No. 94 Portions 3, 0 (Remaining Extent), 1 (Remaining Extent), 4 (Remaining Extent), 5 (Remaining Extent), Blad-Grond North No. 77 Portion 2 (Remaining Extent), Steyns Puts 178 Portion 1 (Remaining Extent), Lucas Vlei No. 93 Portion 4 (Remaining Extent), 5 (Remaining Extent), Scuit-Klip No. 92 Portions 0 (Remaining Extent), 1 (Remaining Extent), 2 (Remaining Extent), 4, and Konkoonsies No. 91 Portion 1 and 6, in the Khâi-Ma and Kai !Garib Local Municipalities, Northern Cape. The site is approximately 30kms northeast of Pofadder. The key points of the site are proposed powerline route – Start: 28°52'43.12"S; 19°33'53.35"E; Middle: 28°52'47.57"S; 19°33'56.49"E; End: 28°51'42.17"S; 20°0'18.92"E..

The details of the EIMS EAP and consultant who compiled this compliance statement are as follows:

Table 1: EAP Details.

Name of Practitioner	John von Mayer (Project Manager/EAP)
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Professional Registrations:	Professional Natural Scientist with the South African Council for Natural Scientific Professions - SACNASP (400336/11). Registered EAP with the Environmental Assessment Practitioners Association of South Africa - EAPASA (2019/1247).

Mr John von Mayer is a senior consultant at EIMS and has been involved in numerous significant projects the past 15 years. He has experience in Project Management, small to large scale Environmental Impact Assessments, Environmental Auditing, Water Use Licensing, and Public Participation. He is a Registered Professional Natural Scientist (400336/11) with the South African Council Natural and Scientific Professions (SACNASP) as well as a registered Environmental Assessment Practitioners Association of South Africa (EAPASA) Environmental Practitioner (2019/1247).



2 PROJECT LOCATION

A description of the application area and location as well as the properties are included in Table 2 below.

Table 2: Locality details

EA Application Area (ha)	The area includes the upgrade to Paulputs Substation (which will cover ~11,3 ha including the area of the current infrastructure) as well as a powerline servitude ~50km long and 110m wide (~550 ha).	
District Municipalities	Namakwa and ZF Mgcawu	
Distance and direction from nearest towns	The EA Application area is situated approximately 30kms northeast of Pofadder.	
Farm Name, Number and Portion as well as 21-digit Surveyor General Code	Farm Name, Number and Portion	21 Digit Surveyor General Code
	BLAD-GROND SOUTH 94 (PTN 3)	C0360000000009400003
	BLAD-GROND SOUTH 94 (PTN 1 Rem Ext.)	C0360000000009400001
	BLAD-GROND SOUTH 94 (PTN 4 Rem Ext.)	C0360000000009400004
	BLAD-GROND SOUTH 94 (PTN 0 Rem Ext.)	C0360000000009400000
	BLAD-GROND SOUTH 94 (PTN 5 Rem Ext.)	C0360000000009400005
	BLAD-GROND NORTH 77 (PTN 2 Rem Ext.)	C0360000000007700002
	STEYNS PUTS 178 (PTN 1 Rem Ext.)	C03600000000017800001
	LUCAS VLEI 93 (PTN 5 Rem Ext.)	C0360000000009300005
	LUCAS VLEI 93 (PTN 4 Rem Ext.)	C0360000000009300004
	SCUIT-KLIP 92 (PTN 2 Rem Ext.)	C0360000000009200002
	SCUIT-KLIP 92 (PTN 0 Rem Ext.)	C0360000000009200000
	SCUIT-KLIP 92 (PTN 1 Rem Ext.)	C0360000000009200001
	KONKOONSIES 91 (PTN 1)	C0360000000009100001
	KONKOONSIES 91 (PTN 6)	C0360000000009100006
	SCUIT-KLIP 92 (PTN 4)	C0360000000009200004

Refer to Figure 1 below for a map showing the proposed development location and boundary of the site. Refer to Figure 2 below for a map showing the proposed development footprint overlaid on the civil aviation sensitivity map generated by the screening tool.

The project is not located near any civil aviation aerodrome or airport, therefore having a Low sensitivity as per the DFFE screening tool.

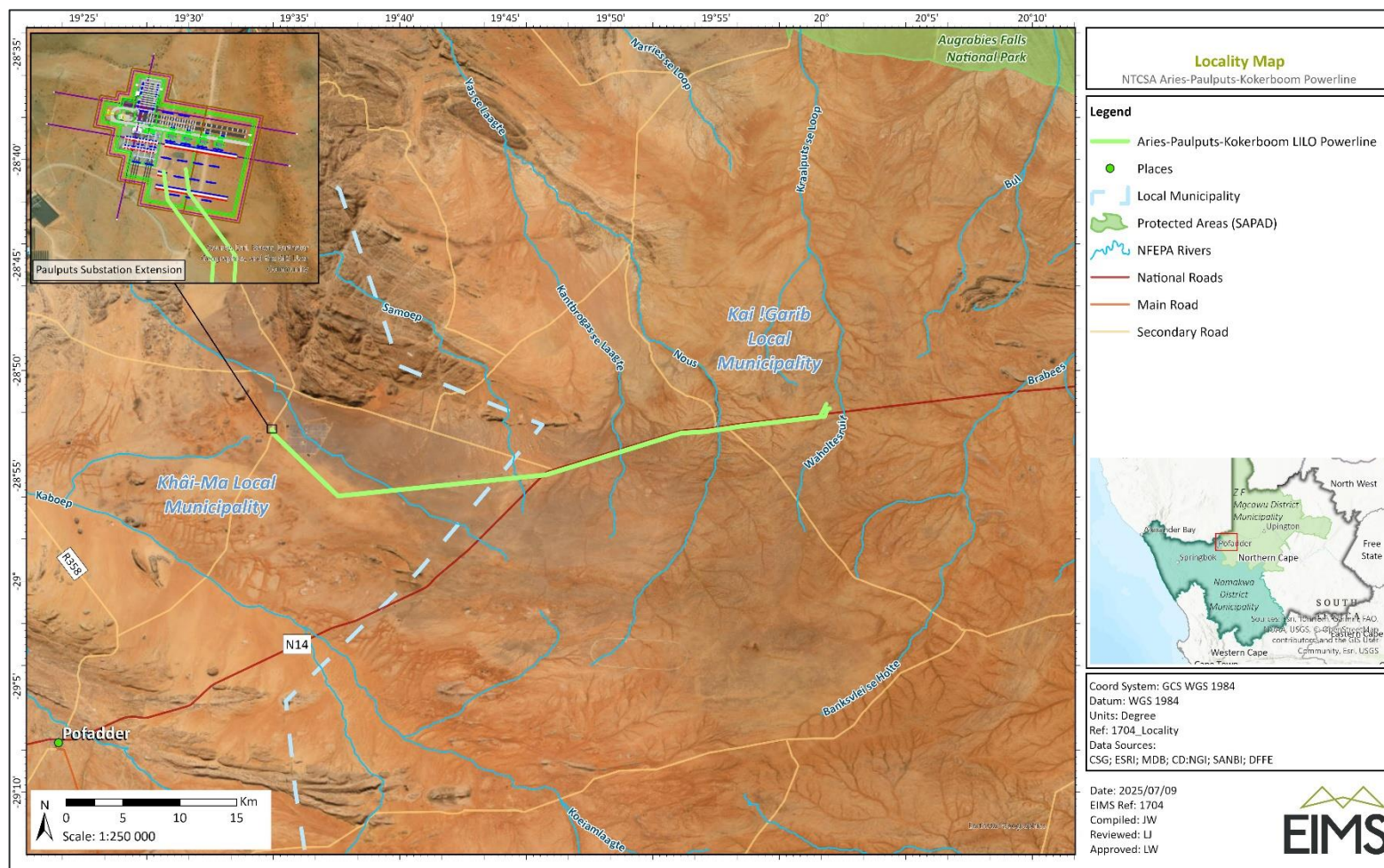


Figure 1: Locality map of the proposed development

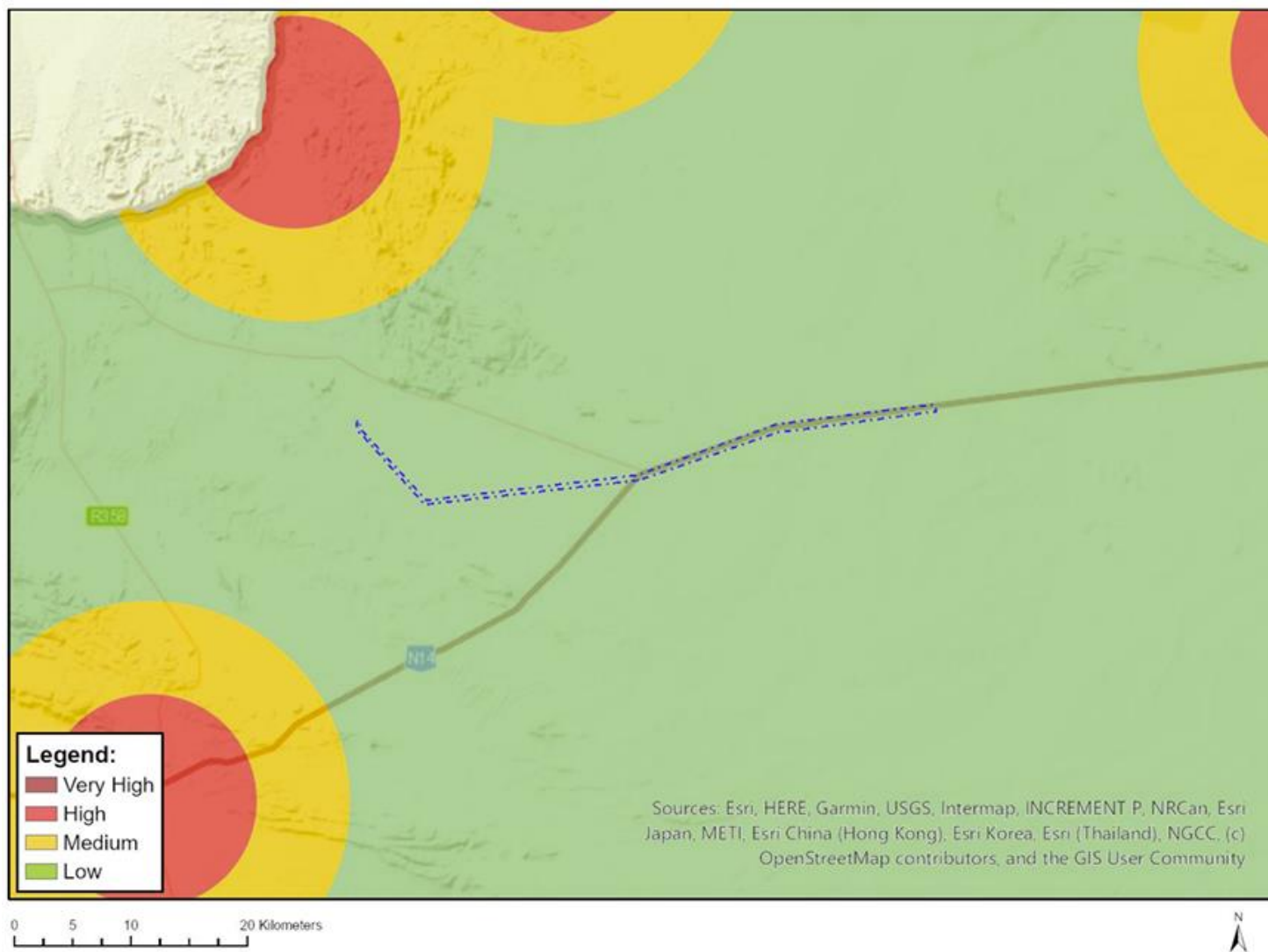


Figure 2: Map extracted from the DFFE Screening Tool showing areas of sensitivity.



3 RECOMMENDATIONS AND APPROACH

No impact on Civil Aviation sensitivities is expected. However, written comment was requested from the SA Civil Aviation Authority for this application to confirm the sensitivity of the site. Comments received are included as an appendix to this statement and have also been incorporated in the Comments Record of the Basic Assessment Report.



4 UNDERTAKING REGARDING CORRECTNESS OF INFORMATION

I **John von Mayer** herewith undertake that the information provided in the foregoing report is correct, and that the comments and inputs from stakeholders have been correctly recorded in the report.

Signature of the EAP

Date: 19 November 2025