



forestry, fisheries & the environment

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

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

Application for authorisation in terms of the National Environmental Management Act, Act No. 107 of 1998, as amended and the Environmental Impact Assessment (EIA) Regulations, 2014, as amended (the Regulations)

PROJECT TITLE

Development of the Castle Overhead Transmission Line near De Aar, in the Northern Cape Province.

Indicate if the **DRAFT** report accompanies the application (Final Report)

Yes
No

PRE-APPLICATION CONSULTATION

Was a pre-application meeting held	Yes	No	✓
Date of the pre-application meeting	No pre-application meeting was held. A pre-application meeting request form was submitted to the DFFE. Case officer assigned: Julliet Mahlangu confirmed no pre-application meeting was required.		
Reference number of pre-application meeting held	2022-05-0038		
Were minutes compiled and submitted to the Department for approval	Yes	No	✓

A copy of the pre-application meeting minutes must be appended to this application as **APPENDIX 1**.

Kindly note the following:

1. This form must always be used for applications that must be subjected to Basic Assessment or Scoping & Environmental Impact Reporting where this Department is the Competent Authority.
2. This application form is current as of **April 2021**. It is the responsibility of the Applicant / Environmental Assessment Practitioner (EAP) to ascertain whether subsequent versions of the form have been published or produced by the Competent Authority. The latest available Departmental templates are available at <https://www.environment.gov.za/documents/forms>.
3. The onus is on the Applicant/EAP to determine all applicable listed activities that would require Environmental Authorisation prior to the commencement of the construction activities. Should any revision of your development comprise any other activities that constitute a listed activity/ies as defined in Listing Notice 1, 2, or 3 of the EIA Regulations, 2014 as amended, it must also form part of the Application for Environmental Authorisation.
4. An application fee is applicable (refer to **Section 2**). Proof of payment must accompany this application. The application will not be processed without proof of payment unless one of the exclusions provided for in the Fee Regulations is applicable AND such information in the exclusion section of this application form has been confirmed by this Department.
5. A cover letter on your company letterhead indicating the nature of this application must be appended to this form i.e. new application for Environmental Authorisation, updated application for Environmental Authorisation.
6. An electronic copy of the signed application form must be submitted of both the Applicant and EAP.

7. This form must be marked **“for Attention: Chief Director: Integrated Environmental Authorisations”** and submitted to the Department at the format as prescribed in the process to upload documents form.
8. The required information must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing. A legible font type and size must be used when completing the form. The font size should not be smaller than 10pt (e.g. Arial 10).
9. Where applicable black out the boxes that are not applicable in the form.
10. The use of the phrase “not applicable” in the form must be done with circumspection. Where it is used in respect of material information that is required by the Competent Authority for assessing the application, this may result in the rejection of the application as provided for in the Regulations.
11. Unless protected by law, all information contained in and attached to this application, will become public information on receipt by the Competent Authority. Upon request during any stage of the application process, the Applicant / EAP must provide any registered interested and affected party with the information contained in and attached to this application.
12. Should a specialist report or report on a specialised process be submitted at any stage for any part of this application, the terms of reference for such report and declaration of interest of the specialist must also be submitted.
13. Please note that this form must be copied to the relevant Provincial Environmental Department(s)
14. An application for Environmental Authorisation lapses if the applicant fails to meet any of the timeframes prescribed in terms of the EIA Regulations, 2014, as amended.
15. An application for environmental authorisation must be accompanied by a report generated by the web based environmental screening tool (in Appendix 11). This has been stipulated as a requirement for the submission of applications for environmental assessment in the Environmental Impact Assessment Regulations. The Screening Tool allows for the generation of a Screening Report referred to in Regulation 16(1)(v) of the Environmental Impact Assessment Regulations 2014, as amended, whereby a Screening Report is required to accompany any application for Environmental Authorisation.

Departmental Details

Online Submission:

EIAApplications@environment.gov.za or <https://sfiler.environment.gov.za:8443/>.

Please read the process for uploading files to determine how files are to submitted to this Department.

Postal address:

Department of Forestry, Fisheries and the Environment
 Attention: Chief Director: Integrated Environmental Authorisations
 Private Bag X447
 Pretoria
 0001

Physical address:

Department of Forestry, Fisheries and the Environment
 Attention: Chief Director: Integrated Environmental Authorisations
 Environment House
 473 Steve Biko Road
 Arcadia

Queries must be directed to the Directorate: Coordination, Strategic Planning and Support at:
 Email: EIAAdmin@environment.gov.za

1. COMPETENT AUTHORITY

Identified Competent Authority to consider the application:

Department: Forestry, Fisheries and the Environment

Reason(s) in terms of S24C of NEMA:

In terms of section 24C(2)(a), the National Department of Environmental Affairs is the competent authority for all energy projects associated with the Integrated Resources Plan (IRP) 2010 – 2030.

2. FEES

Applicants are required to tick the appropriate box below to indicate that either proof of payment is attached or that, in the applicant's view, an exclusion applies. Proof of payment or a motivation for exclusions must be attached as **APPENDIX 2** of this application form.

Proof of payment attached	Yes	No ✓
Payment Reference Number	NA	
Exclusion in terms of Regulation 2(a) or 2(b) of GNR 141 of 28 February 2014	Yes ✓	No ✓

An applicant is excluded from paying fees if:

- ~~The activity is a community-based project funded by a government grant; or~~
- The applicant is an organ of state. (See motivation attached as APPENDIX 2 of this application form)

TYPE OF EXCLUSION	Tick where applicable. Proper motivation must be attached to the application
The activity is a community based project funded by a government Grant	N/A
The applicant is an organ of state	Eskom Holdings SOC Limited, is an organ of state.

FEE AMOUNT	Fee NA
Application for an environmental authorisation for which basic assessment is required in terms of the Environmental Impact Assessment Regulations	R2 000
Application for an environmental authorisation, for which S&EIR is required in terms of the Environmental Impact Assessment Regulations	R10 000

Department of Forestry, Fisheries and the Environment banking details for the payment of application fees:

<p>Payment Enquiries: Email: eiafee@environment.gov.za</p> <p>Banking details: ABSA Bank Branch code: 632005 Account number: 1044 2400 72 Current account</p> <p>Reference number: Reference number to be provided in the specific format indicating centre point coordinates of site in decimal degrees to 5 or 6 decimal places: latitude/longitude e.g. -33.918861/18.423300</p> <p>Status: Tax exempted</p>
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3. GENERAL INFORMATION

Name of the Applicant:	Eskom Holdings SOC Limited		
RSA Identity/ Passport Number:	2002/015527/30		
Name of contact person for applicant (if other):	Debbie Harding		
RSA Identity/ Passport Number:	7008010279087		
Responsible position, e.g. Director, CEO, etc.:	Land Development & Environmental Manager		
Company/ Trading name (if any):	Eskom Holdings SOC Limited		
Company Registration Number:	2002/015527/30		
BBBEE status:	Exempt		
Physical address:	DCS Office Block Office 2 Ground Floor Block C 69 Memorial Road Kimberley		
Postal address:	P.O Box 606 Kimberly		
Postal code:	8301	Cell:	084 689 5173
Telephone:	053 830 5774	Fax:	
E-mail:	Debbie.harding@eskom.co.za		

Name of the landowner:	See Appendix 3		
Name of contact person for landowner (if other):			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

Name of Person in control of the land:	See Appendix 3		
Name of contact person for person in control of the land:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as **APPENDIX 3**.

Unless the application is in respect of linear activities or Strategic Infrastructure Projects as contemplated in the Infrastructure Development Act (Act No. 23 of 2014), written consent of landowner/s must be submitted in **APPENDIX 3**. **This application is in respect of linear activities.**

The originally signed declaration undertaking by the applicant must be submitted as **APPENDIX 13**.

Provincial Environmental Authority:	Northern Cape: Department of Agriculture, Environmental Affairs, Rural Development and Land Reform		
Name of contact person:	Mr Bryan Fisher (Director: Environmental Quality Management Services)		
Postal address:	Private Bag X6102, Kimberley		
Postal code:	8301	Cell:	083 270 8323
Telephone:	053 807 7431	Fax:	053 832 1035
E-mail:	bfisher@ncpg.gov.za		

Local Municipality:	Emthanjeni Local Municipality		
Name of contact person in (Environmental Section)	Mrs Shereave Felix (Manager: Development and Strategic Services)		
Postal address:	PO Box 42 De Aar		
Postal code:	7000	Cell:	084 2956356
Telephone:	053 632 9100	Fax:	053 631 0105
E-mail:	shereavef@emthanjeni.co.za		

Local Municipality:	Renosterberg Local Municipality		
Name of contact person in (Environmental Section)	Kgabaganyo Matolong (Acting Municipal Manager)		
Postal address:	PO Box 112 Petrusville		
Postal code:	8770	Cell:	
Telephone:	053 663 0041	Fax:	053 663 0180
E-mail:	renosterberg_mun@xsinet.co.za		

In instances where there is more than one Local/Provincial Authority involved, please attach a list of those Local/Provincial Authorities with their contact details as APPENDIX 4.

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

Company of Environmental Assessment Practitioner:	EnviroAgri		
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)	4	Percentage Procurement recognition
EAP name:	Dirk Pretorius		
EAP Qualifications:	BSc Conservation Ecology & MSc Zoology		
Professional affiliation/registration:	<i>Pr.Nat.Sci.</i> ; Professional Natural Scientist, South African Council for Natural Scientific Professions (SACNASP), Reg. no. 400306/15 <i>Reg.EAP</i> ; Environmental Assessment Practitioners Association of South Africa (EAPASA), Reg. no. 2020/1612 <i>IAIAsa</i> ; International Association for Impact Assessments South Africa (IAIA), Reg. no. 32425		
Physical address:	163 5 th Street Hermanus 7200		
Postal address:	P.O. Box 3731 Tyger Valley		
Postal code:	7536	Cell:	0721002712
Telephone:	0721002712	Fax:	021 9194048
E-mail:	dirk@enviroagri.com		

The appointed EAP must meet the requirements of Regulation 13 of the EIA Regulations, 2014 as amended. The declaration of independence of the EAP and undertaking under oath or affirmation that all the information submitted or to be submitted for the purposes of the application is true and correct must be submitted as **APPENDIX 14**.

5. PROJECT DESCRIPTION

Please provide a **detailed** description of the project.

The applicant, Eskom Holdings SOC Limited (Eskom), proposes to construct an overhead transmission line (OHL) of 132kV to 400kV to connect to the authorised Castle Wind Energy Facility (WEF), to the existing national Eskom electricity grid via the authorised De Aar 2 South OHL to the Hydra Main Transmission Substation (MTS), on farms near De Aar in the Northern Cape. The site of the Castle WEF which the proposed transmission line will connect to is located approximately 26 kilometres (km) east of De Aar and the existing Hydra MTS approximately 7 km southeast of De Aar. The site is bordered in the west by the N10 from where access can be gained through unsurfaced roads and jeep tracks. The proposed transmission line would consist of a 132kV to 400kV (single or double circuit) OHL. Associated infrastructure will include permanent access/service tracks (where no existing roads exist). Temporary laydown areas and site camps associated with the Castle WEF will be used, no additional areas have been applied for.

The proposed infrastructure is expected to be permanent and will remain in place for the duration of the lifespan of the associated Castle WEF (20 years or more). The construction of the proposed grid connection infrastructure is dependent on the construction timelines of the associated Castle WEF, which are not yet known. If/when the WEF are decommissioned at some point in the future, the grid connection infrastructure may also be decommissioned, in part or entirely. The owner of the grid connection infrastructure (Eskom, or their successor in title) would be responsible for the decommissioning phase.

The proposed development site is located within the Electricity Grid Infrastructure Central Strategic Transmission Corridor as per Government Notice 113 of 16 February 2018, National Environmental Management Act, 1998 (Act No. 107 of 1998). GN 113 makes the provision that facilities which trigger Activity 9 of LN 2 (and the greater part of the proposed facility occurs in a Strategic Transmission Corridor), the application must follow a basic assessment procedure. Since the application seeks authorisation of up to 400kV OHL a BA procedure will be followed. The Castle WEF from where the electricity will be evacuated is a registered Strategic Integrated Project (SIP) part of the Embedded Generation Investment Programme (EGIP) which forms part of the Energy Strategic Integrated Project No. 20c.

Technical details for each proposed transmission line and substation provided below.

Technical details for the up to 400kV Castle OHL

Component	Description
Overhead Powerline (OHL)	132kV to 400kV single- or double-circuit Two sections are being applied for: Section A: Extending from the authorised Castle WEF collector substation to the De Aar 2 South OHL. Length ≈3,8km Section B: Short 200m section branching off from Section A to the authorised De Aar 2 South Switching Station. Total length of the OHL is 4km with the assessed corridor extending to 150m either side of the provided centreline of the OHL as well as start and end point to allow for micro-siting. OHL will be located within a servitude of up to 31-55m wide to be positioned within a 300m wide corridor (a 300m wide corridor assessed as part of this BA to allow micro-siting).
OHL Pylons	Up to 45m in height (most structures will be up to 32m tall, only increasing to up to 45m if it requires crossing existing or planned overhead transmission lines or roads. Monopole (Self-supporting or stayed, for 132kV lines) and/or lattice (for 400kV lines) may be used. Disturbance footprint per pylon of up to 10m by 10m (100m ²)
OHL footprint	Length ≈ 4km Construction road / service track (jeep track) width ≈4m (or less) OHL footprint ≈1,6ha (4km x 4m), (part of this road will use existing farm roads, roads created for the De Aar 2 South OHL and/or WEF roads) Approximate number of pylons (based on average 150m average between pylons) ≈27 Pylon's disturbance footprint ~0,27ha (27 x 100m ²)

Laydown Areas	Temporary laydown area of ≈5000m ² will be required (authorised Castle WEF Laydown areas to be utilised, no laydowns applied for as part of this application).
Site Access	The existing approved access roads to the Castle WEF substation will be used to access the site.

Does the project form part of a Renewable Energy Development Zone (REDZ) as per GN 114?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Does the project form part of an Electricity Grid Infrastructure (EGI) as per GN 113?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Did you attached the confirmation of SIP obtained from the relevant sector representative (SIP Coordinators) and not a motivation from an EAP	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

If **YES**, is selected:

- For an application in terms of GN 113 and/or 114, then a map confirming this must be attached; See **APPENDIX 5** for GN 113 map.
- For a SIP project, kindly indicate which SIPs are applicable in **APPENDIX 5** and attach the confirmation of SIP applications from the relevant sector representative in **APPENDIX 5**. Should no proof be provided, the application will be considered as a normal EIA Application.

Please indicate which sector the project falls under by ticking the relevant block in the table below:

Table 1: National Sector Classification in terms of Regulation 9 of the EIA Regulations, 2014 as amended

1	Infrastructure /Transport Services/Roads – Public		42	Services/Waste Management Services/Disposal facilities - General	
2	Infrastructure /Transport Services/Roads – Private		43	Services/Waste Management Services/Treatment facilities - Hazardous	
3	Infrastructure /Transport Services/Rail – Public		44	Services/Waste Management Services/Treatment facilities - General	
4	Infrastructure /Transport Services/Rail – Private		45	Services/Waste Management Services/Storage Facilities - General	
5	Infrastructure /Transport Services/Airport/Runways/Landing Strip/Helipad - Commercial		46	Services/Waste Management Services/Storage Facilities - Hazardous	
6	Infrastructure /Transport Services/Airport/Runways/Landing Strip/Helipad - Private		47	Services/Waste Management Services/Storage Facilities - Nuclear	
7	Infrastructure /Transport Services/Airport/Runways/Landing Strip/Helipad - Public Services		48	Services/Burial and cemeteries - Cemeteries	

8	Infrastructure /Transport Services - Ports		49	Services/Burial and cemeteries - Cremators	
9	Infrastructure /Transport Services - Inland Waterways		50	Services/Water services/Storage - Dams	
10	Infrastructure /Transport Services - Marina		51	Services/Water services/Storage - Reservoirs	
11	Infrastructure /Transport Services - Canal		52	Services/Water services - Desalination	
12	Infrastructure /Localised infrastructure - Infrastructure in the Sea/Estuary/Littoral Active Zone/Development Setback/100M Inland/or coastal public property.		53	Services/Water services - Treatment & Waste Water	
13	Infrastructure /Localised infrastructure - Zip Lines & Foefie Slides		54	Services - Hospitality	
14	Infrastructure /Localised infrastructure - Cableway or Funiculars		55	Mining - Prospecting rights	
15	Infrastructure /Localised infrastructure – Billboards		56	Mining - Mining Permit	
16	Infrastructure /Localised infrastructure/Storage/Dangerous Goods/Hydrocarbon - Gas		57	Mining - Mining Right	
17	Infrastructure /Localised infrastructure/Storage/Dangerous Goods/Hydrocarbon - Petroleum		58	Mining/Exploration Right - Gas or Oil Marine	
18	Infrastructure /Localised infrastructure/Storage/Dangerous good – Chemicals		59	Mining/Exploration Right - Gas or Oil Terrestrial	
19	Utilities Infrastructure/Pipelines/water - Fresh/Storm Water		60	Mining/Production Right - Gas or Oil Marine	
20	Utilities Infrastructure/Pipelines/water - Waste Water		61	Mining/Production Right - Gas or Oil Terrestrial	
21	Utilities Infrastructure/Pipelines/Dangerous Goods - Chemicals		62	Mining/Underground gasification of coal - Oil	
22	Utilities Infrastructure/Pipelines/Hydrocarbon – Petroleum		63	Mining/Beneficiation - Hydrocarbon	
23	Utilities Infrastructure/Pipelines/Hydrocarbon - Gas		64	Mining/Beneficiation - Mineral	
24	Utilities Infrastructure/Telecommunications/ Radio Broadcasting - Tower		65	Agriculture/Forestry/ Fisheries - Crop Production	
25	Utilities Infrastructure/Telecommunications/ Radio Broadcasting - Mast		66	Agriculture/Forestry/ Fisheries - Animal Production	
26	Utilities Infrastructure/Telecommunications/ Radio Broadcasting - Receivers		67	Agriculture/Forestry/ Fisheries - Afforestation	
27	Utilities Infrastructure - Marine Cables		68	Agriculture/Forestry/ Fisheries/Aquaculture/Inland- Alien	
28	Utilities Infrastructure/Electricity /Generation/Non Renewable/Hydrocarbon – Petroleum		69	Agriculture/Forestry/ Fisheries/Aquaculture/Inland- Indigenous	
29	Utilities Infrastructure/Electricity /Generation/Non Renewable/Hydrocarbon – Coal		70	Agriculture/Forestry/ Fisheries/Aquaculture/Marine - Alien	
30	Utilities Infrastructure/Electricity /Generation/Non Renewable - Nuclear		71	Agriculture/Forestry/ Fisheries/Aquaculture/Marine - Indigenous	

31	Utilities Infrastructure/Electricity /Generation/Renewable - Hydro		72	Agriculture/Forestry/ Fisheries - Agro-Processing	
32	Utilities Infrastructure/Electricity /Generation/Renewable/Solar - PV		73	Transformation of land - Indigenous vegetation	
33	Utilities Infrastructure/Electricity /Generation/Renewable/Solar - CSP		74	Transformation of land - From open space or Conservation	
34	Utilities Infrastructure/Electricity /Generation/Renewable - Wind		75	Transformation of land - From agriculture or afforestation	
35	Utilities Infrastructure/Electricity /Generation/Renewable - Biomass/ biofuels		76	Transformation of land - From mining or heavy industrial areas	
36	Utilities Infrastructure/Electricity /Generation/Renewable - Wave		77	Any activities within or close to a watercourse	
37	Utilities Infrastructure/Electricity /Distribution and Transmission - Power line	✓	78	Any activity in an estuary, on the seashore, in the littoral active zone, or in the sea.	
38	Utilities Infrastructure/Electricity /Distribution and Transmission – Substation		79	Activity requiring permit or licence in terms of National or Provincial legislation governing the release or generation of emissions - Emissions	
39	Utilities Infrastructure/Gas /Distribution and Transmission – Compressor Station		80	Activity requiring permit or licence - Marine Effluent	
40	Services/Waste Management Services/Disposal facilities - Hazardous		81	Activity requiring permit or licence - Fresh Water Effluent	
82	Release of Genetically Modified Organisms				

Table 2

Does the listed activity/ies applied for form part of a larger project which is not a listed activity itself e.g. a road that is a listed activity that is needed to access a drilling site where the drilling does not constitute a listed activity.	YES	NO
If indicated yes above, please provide a brief description on how the activity/ies relate to the larger project that forms part there of:		

6. SITE DESCRIPTION

Provide a detailed description of the site involved in the application.

Province/s	Northern Cape
District Municipality/ies	Pixley ka Seme District Municipality
Local Municipality/ies	Emthanjeni Local Municipality Renosterberg Local Municipality
Ward number/s	Emthanjeni Local Municipality Ward 6 Renosterberg Local Municipality Ward 1
Nearest town/s	De Aar
Farm name/s and number/s	Vendussie Kuil, Farm 165 Slingers Hoek, Farm 2
Portion number/s	Portion 12 of Farm 165, Vendussie Kuil Portion 13 of Farm 165, Vendussie Kuil Portion 2 of Farm 2, Slingers Hoek

Surveyor General 21 digit code:

(If there are more than 4, please attach a list with the rest of the codes as **APPENDIX 6**. Where the 21 digit SGID and farm name are not available, the coordinates of the boundary of the property or properties must be provided in **APPENDIX 6**.)

C	0	3	0	0	0	0	0	0	0	0	0	0	1	6	5	0	0	0	1	2
C	0	3	0	0	0	0	0	0	0	0	0	0	1	6	5	0	0	0	1	3
C	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	
1		2				3						4						5		

<p>Locality map:</p>	<p>A locality map must be attached to the application form, as APPENDIX 11. The scale of the locality map must be at least 1:50 000. For linear activities of more than 25 kilometres, a smaller scale e.g. 1:250 000 can be used. The scale must be indicated on the map. The map must include the following:</p> <ul style="list-style-type: none"> • an accurate indication of the project site position as well as the positions of the alternative sites, if any; • road names or numbers of all the major roads as well as the roads that provide access to the site(s) • a north arrow; • a legend; • the prevailing wind direction; • site sensitivities, including but not limited to vegetation, wetlands, watercourses, heritage sites, critical biodiversity area/s, World Heritage Site, etc. and it must be overlaid by the study area; and • GPS co-ordinates (Indicate the position of the proposed activity with the latitude and longitude at the centre point for each alternative site. The co-ordinates should be in degrees and decimal minutes. The minutes should be to at least three decimal places. The projection that must be used in all cases is the WGS-84 spheroid in a national or local projection)
<p>Project Plan (e.g. Gantt chart)</p>	<p>A project schedule must be submitted as APPENDIX 12, and must include milestones for:</p> <ul style="list-style-type: none"> • public participation (dates for advertisements, workshops and other meetings, obtaining comment from organs of state including state departments); • the commencement of parallel application processes required in terms of other statutes and where relevant, the alignment of these application processes with the EIA process; • the submission of the key documents (e.g. Basic Assessment Report, Scoping Reports, EIA Reports and Environmental Management Programmes). <p>Note: All the above dates must take into account the statutory timeframes for authority responses that are stipulated in the 2014 NEMA EIA Regulations. Possible appeals may impact on project timeframes/milestones. Regulation 45 states that “An application in terms of these Regulations lapses, and a competent authority will deem the application as having lapsed, if the applicant fails to meet any of the time-frames prescribed in terms of these Regulations, unless extension has been granted in terms of regulation 3(7).” It is recommended that the Department be approached for guidance on the process to be followed, prior to submitting an application.</p>

7. ACTIVITIES APPLIED FOR

For an application for authorisation that involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be provided below.

Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 1 of the EIA Regulations, 2014 as amended (LN 1 GN R327)	Describe the portion of the proposed project to which the applicable listed activity relates.
GN R983 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 development will be of an OHL of up to 400kV outside an urban area. The capacity will be more than 132 kV but may less than 275 kV.
GN R983 Activity 12	The development of – (ii) infrastructure or structures with a physical footprint of 100 m ² or more; Where such development occurs – (a) within a watercourse; (c) if no development setback exists, within 32 m of a water course, measured from the edge of a watercourse;	Several drainage lines will be crossed by the proposed construction roads and transmission lines. Several pylon structures will be within 32 m of watercourses. The combined physical footprint will be more than a 100 m ² .
GN R983 Activity 19	The infilling or depositing of any material of more than 10 m ³ into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 m ³ from a watercourse;	Access roads (service tracks) and transmission line pylons (to be avoided as far as possible) will be located within a watercourse (drainage line) which would therefore trigger this activity.
GN R983 Activity 28	Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 1 April 1998 and where such development: (ii) will occur outside an urban area, where the total land to be developed is bigger than 1 ha.	The transmission line will amount to an area of greater than 1 hectare being cleared within an area utilised for agricultural purposes (i.e. outside an urban area).
Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 3 of the EIA Regulations, 2014 as amended (LN 3 GN R324)	Describe the portion of the proposed project to which the applicable listed activity relates.
GN R985 Activity 4	The development of a road wider than 4 metres with a reserve less than 13,5 metres. g. Northern Cape ii. Outside urban areas: (bb) National Protected Area Expansion Strategy Focus areas;	Part of the proposed OHL area overlaps with Senqu NPAES area.
GN R985 Activity 14	The development of – (ii) infrastructure or structures with a physical footprint of 10 square metres or more; where such development occurs— (a) within a watercourse; (c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse; (g) Northern Cape ii. Outside urban areas: (bb) National Protected Area Expansion Strategy Focus areas	Part of the proposed OHL area overlaps with Senqu NPAES area.
GN R985 Activity 18	The widening of a road by more than 4 m, or the lengthening of a road by more than 1 km. (g) Northern Cape (ii) Outside urban areas: (bb) National Protected Area Expansion Strategy Focus areas;	Access tracks for the proposed development, which will include extensions of existing farm tracks will be lengthened by more than 1km within 100m from the edge of a watercourse. Existing roads would be used as far as

	(ii) Areas within a watercourse or wetland; or within 100 metres from the edge of a watercourse or wetland.	practically possible and feasible. Some of these roads will traverse drainage lines or fall within 100m from the edge of a watercourse or wetland. Part of the proposed OHL area overlaps with Senqu NPAES area.
GN R985 Activity 23	The expansion of— (ii) infrastructure or structures where the physical footprint is expanded by 10 square metres or more; where such expansion occurs— (a) within a watercourse; (c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse; (g) Northern Cape i. Outside urban areas: (bb) National Protected Area Expansion Strategy Focus areas;	The expansion of existing infrastructure such as roads that are located in and within 32 m of a watercourse, within the Senqu NPAES area.
Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 2 of the EIA Regulations, 2014 as amended (LN 2 GN R325)	Describe the portion of the proposed project to which the applicable listed activity relates.
GN R983 Activity 9	The development of facilities or infrastructure for the transmission and distribution of electricity with a capacity of 275 kilovolts or more, outside an urban area or industrial complex	Authorisation is required for an up to 400kV transmission line to connect to the national grid outside an urban area.

Please note that any authorisation that may result from this application will only cover activities specifically applied for. Only those activities listed above shall be considered for authorisation. The onus is on the applicant to ensure that all applicable listed activities are included in the application. Environmental Authorisation must be obtained prior to commencement with each applicable listed activity.

Co-ordinate points indicating the location of each listed activity must be provided as part of **APPENDIX 6** as well part of the reports to be submitted. Co-ordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 co-ordinate system.

Key coordinate points in degrees, minutes and seconds indicating the location of listed activity are provided as part of APPENDIX 6 and will be part of the reports to be submitted. Since the application is for a linear activity key coordinates include start and end points of the proposed OHL as well as bend points.

8. PUBLIC PARTICIPATION

Provide details of the public participation process (PPP) proposed for the application as required by Regulation 41(2) of the EIA Regulations, 2014 as amended.

Task	Description
Pre-Application	
Pre-App Meeting	The activities applied for have been subject to a previous Basic Assessment (BA) process which in part follows a similar corridor and crosses the mostly the same properties. Considering that a BA process has been undertaken on the same properties, in the same general location and for similar infrastructure components no pre-application meeting with the DFFE was deemed necessary. This was confirmed by the assigned DFFE case officer.
Landowner consultation	Landowners have been consulted by the proponent in order to reach an agreement regarding their land. All landowners are automatically registered as I&APs and were informed of the process being undertaken and given opportunity to comment on the Draft Basic Assessment. The transmission line routes have been pre-negotiated with the landowners where relevant.
I&AP identification	The database from the previously undertaken BAs and EIAs in the area including the Castle OHL BA process and Castle WEF EIA was used to provide baseline information, i.e. landowners, adjacent landowners, relevant district and local municipalities, relevant national government officials and organisations in the area. The PPP databases of other Basic Assessments undertaken on the same properties have been consulted. The database will be augmented via chain referral during the BA process and will be updated as new I&APs are identified throughout the project life cycle.
Basic Assessment Phase	
Placement of site notices	In line with Regulation 41(2)(a), A3 site notices were put up prior to and during the BA process. The Notices will inform the general public of the proposed development, location of the proposed infrastructure and the public participation process. The notices in Afrikaans and English were placed on the site boundary adjacent the Hydra MTS, at the Emthanjeni Local Municipality Offices (45 Voortrekker Street, De Aar), at the De Aar Public Library (21 Station Street, De Aar where hard copies could be viewed by the I&APs) at a central point along the proposed OHL route adjacent Farm Carolus Poort.
Written notification	In accordance with Regulation 41(2)(b), all registered I&APs were emailed a notification letter. I&APs without an email addresses will be sent a letter via registered mail (non to date). The communications will include details of the process, availability of the electronic and hard copies of the reports for comment, as well as timeframes for comment. I&APs can contact the project team (contact details made available) if they have any issues with accessing the electronic documentation and the project team will assist in providing access to the documents (Regulation 41 (2)(e)).
Newspaper advertisement	In compliance with Regulation 41 (2)(c) and (2)(d), newspaper adverts were placed in a local newspaper, <i>De Aar Echo newspaper</i> (in Afrikaans and English), prior to commencement of the PPP to notify the broader public of the initiation of the BA process and inviting them to register as I&APs and provide comment.

	<p>The newspaper adverts included locations where hard copies could be viewed, i.e. at the De Aar Public Library, if the I&APs are unable to access the electronic copies.</p>
Access to reports	<p>The Draft BA Report was made available for a minimum 30-day comment period. The documentation will be made available in electronic format via Dropbox of which the link will appear on the newspaper advert, written notifications and notification emails.</p> <p>To provide for I&APs that may not have access to the internet, hard copies of the reports were made available at the De Aar Public Library.</p> <p>The Draft BA Report was submitted to the DFFE.</p> <p>Comments received (Via email and telephone) were responded to and recorded in the Public Participation Report (Regulation 44), i.e. the comments and responses report (C&RR) with all relevant response included in the final BAR submitted to the DFFE.</p>
Regulation 4(2) – Notification of registered I&APs of DFFE decision	<p>All registered I&APs will be emailed a notification letter on DFFE decision as per details outlined in the decision. The decision will be uploaded to Dropbox for I&AP access, the download link will be communicated to all registered I&APs. I&APs without an email addresses will be sent a letter via mail notifying them of the decision. In the event that I&APs requested a different mode of communication during the public participation, e.g. via sms, they will be accommodated as such.</p>

9. OTHER AUTHORISATIONS REQUIRED

Are there any other applications for Environmental Authorisation on the same property?		YES	NO
If YES, please indicate the following:			
Competent Authority	DFFE		
Application Reference Number	<ol style="list-style-type: none"> 1) DFFE Ref: 14/12/16/3/3/2/278 (Castle Wind Energy Facility) <ol style="list-style-type: none"> a) Castle WEF 14/12/16/3/3/1/278 /MP1 b) Castle WEF 14/12/16/3/3/1/278 c) Castle WEF 14/12/16/3/3/1/278/1 d) Castle WEF 14/12/16/3/3/1/278/2/AM1 e) Castle WEF 14/12/16/3/3/1/278/2 f) Castle WEF 14/12/16/3/3/1/278/AM1 g) Castle WEF 14/12/16/3/3/1/278/AM2 h) Castle WEF 14/12/16/3/3/1/278/AM3 i) Castle WEF 14/12/16/3/3/1/278/AM4 2) DFFE Ref: 14/12/16/3/3/1/1351 (Castle OHL) <ol style="list-style-type: none"> a) Castle WEF OHL 14/12/16/3/3/1/1351 b) Castle WEF OHL 14/12/16/3/3/1/1351/ AM2 c) Castle WEF OHL 14/12/16/3/3/1/1351/AM1 3) DFFE Ref: 14/12/16/3/3/1/2330 (400 kV De Aar 2 South OHL) 4) DFFE Ref: 12/12/20/2250 (12/12/20/2250; 12/12/20/2250/1; 12/12/20/2250/1/AM1; 12/12/20/2250/1/AM2; 12/12/20/2250/2; 12/12/20/2250/2/A1; 12/12/20/2250/2/AM2; 12/12/20/2250/2/AM3; 12/12/20/2250/2/AM4; 12/12/20/2250/2/AM5; 12/12/20/2250/3; 12/12/20/2250/3/AM3; 12/12/20/2250/4; 12/12/20/2250/4/A1; 12/12/20/2250/4/AM2; 12/12/20/2250/4/AM3; 12/12/20/2250/4/AM4; 12/12/20/2250/5; 12/12/20/2250/5/A1; 12/12/20/2250/5/AM2) (The Proposed Construction Of A Solar Energy Facility in The Emthanjeni Local Municipality In The Northern Cape Province, Phase 1-5) 5) DFFE Ref: 12/12/20/2463/2 (The Wind Energy Facility (North And South) Situated On The Plateau near De Aar, Northern Cape Province/ Longyuan Mulilo De Aar <u>North</u> Wind Energy Facility) 6) DFFE Ref: 12/12/20/2463/1/AM-AM5 (The Wind Energy Facility (North And South) Situated On The Plateau near De Aar, Northern Cape Province/ Longyuan Mulilo De Aar <u>South</u> Wind Energy Facility) 7) Longyuan Mulilo De Aar Maanhaarberg Wind Energy Facility 8) Carolus Solar PV1 Facility, Northern Cape Province (No reference, Scoping phase, Property Carolus Poort Portion 3 of Farm 3) 9) Wagt Solar PV1 Facility, Northern Cape Province (No reference, Scoping phase, Property Wag ten Bittjie Remainder of Farm 5) 		
Project Name	<ol style="list-style-type: none"> 1. Castle Wind Energy Facility and associated infrastructure near De Aar, Northern Cape Province 2. Proposed 132kV OHL form Castle WEF to Hydra Substation near De Aar, Northern Cape Province 3. Proposed Development of the up to 400 kV De Aar 2 South Transmission Line and Switching Station, Northern Cape Province 4. The Proposed Construction Of A Solar Energy Facility in The Emthanjeni Local Municipality In The Northern Cape Province 5. Longyuan Mulilo De Aar <u>North</u> Wind Energy Facility 6. Longyuan Mulilo De Aar <u>South</u> Wind Energy Facility 7. Longyuan Mulilo De Aar Maanhaarberg Wind Energy Facility 8. Carolus Solar PV 1 9. Wagt Solar PV1 		
<p>Information was confirmed by on site as well online through searches relating to the properties in question. Cross referencing the REEA: Renewable Energy EIA Applications Database, REEA Quarter 4, 2021 (Released 2022-02-28) The affected landowners were also consulted. It should be noted that some of the authorisations have gone through numerous amendments and changes. All available authorisations attached as Appendix 13.</p>			

IF YES IS SELECTED, PLEASE ATTACH OTHER AUTHORISATIONS ISSUED (Please see attached available Environmental Authorisations, Appendix 13).

Applications in terms of the National Environmental Management Act (“NEMA”) & specific environmental management Acts (“SEMA’s”):

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
Is Section 50(5) of the National Environmental Management: Protected Areas Act applicable to your proposed development? (The proposed development is within a proclaimed protected area as defined the Act.)	YES	NO	YES	NO
National Water Act (Act No. 36 of 1998)	YES	NO	YES	NO
National Environmental Management: Air Quality Act (Act No. 39 of 2004)	YES	NO	YES	NO
National Environmental Management: Biodiversity Act (Act No. 10 of 2004)	YES	NO	YES	NO
National Environmental Management: Integrated Coastal Management Act (Act No. 24 of 2008)	YES	NO	YES	NO
National Environmental Management: Protected Areas Act (Act No. 57 of 2003)	YES	NO	YES	NO
National Environmental Management: Waste Act (Act No. 59 of 2008)	YES	NO	YES	NO
Others: Please specify - National Heritage Resources Act	YES	NO	Yes	NO

Please be advised that:

- If a Waste Management license is required in terms of the National Environmental Management: Waste Act, please contact the Department for guidance on the **Integrated Permitting System**. An IPS application can only be lodged with this Department in the event that this Department is the Competent Authority for both the EIA and Waste related activities;
- If Sections 7B and 7C of the National Environmental Management: Integrated Coastal Management Act is applicable to your proposed development, you are required to obtain pre-approval for a reclamation application prior to an Application for Environmental Authorisation being lodged with the Competent Authority;
- If Section 50(5) of the National Environmental Management: Protected Areas Act is applicable to your proposed development, you are required to obtain approval from the Management Authority prior to an Application for Environmental Authorisation being lodged with the Competent Authority; and
- If Section 38 of the National Heritage Resources Act (Act No. 25 of 1999) is applicable to your proposed development, you are requested to submit the Notice of Intent form to the relevant SAHRA or a Provincial Heritage Resources Authority and attach a copy to this form. If it is indicated that a Heritage Impact Assessment will be required, the Heritage Impact Assessment must be undertaken as one of the specialist studies of the EIA process to be undertaken in terms of the NEMA EIA Regulations, 2014, as amended. **A Desktop Heritage Impact Assessment was undertaken by a specialist and submitted to SAHRA for review, SAHRA provided comment and had no objections to the proposed development.**

10. LIST OF APPENDICES

		SUBMITTED	
APPENDIX 1	Copy of the pre-application meeting minutes	YES	NO
APPENDIX 2	Proof of Payment / Motivation for exclusion	YES	NO
APPENDIX 3	List of landowners (with contact details) and written consent of landowners.	YES	NO
APPENDIX 4	List of Local/Provincial Authority involved (with contact details)	YES	NO
APPENDIX 5	Strategic Infrastructure Projects	YES	NO
APPENDIX 6	List of SGIDs and coordinates	YES	NO
APPENDIX 11	Locality map	YES	NO
APPENDIX 12	Project schedule	YES	NO
APPENDIX 13	Declaration of Applicant	YES	NO
APPENDIX 14	Declaration of EAP and undertaking under oath or affirmation	YES	NO
APPENDIX 11	Screening Tool Report	YES	NO
APPENDIX 12	Undertaking under Oath / Affirmation	YES	NO
APPENDIX 13	Existing EAs on properties	YES	NO
APPENDIX 14	Cover Letter Application and Final BAR	YES	NO

**APPENDIX 1
COPY OF THE PRE-APPLICATION MEETING MINUTES**

No pre-application meeting undertaken.

APPENDIX 2
PROOF OF PAYMENT/MOTIVATION FOR EXCLUSION

Eskom Holdings SOC Limited is a parastatal i.e. an organ of state

**APPENDIX 3
LIST OF LAND OWNERS
WRITTEN CONSENT OF LAND OWNERS (Linear development)**

The application is within an Electricity Grid Infrastructure (EGI) corridor which as per GN 113 requires the route to be pre-negotiated with the landowners (see Figure 2: Proof of inclusion of proposed OHL development within the proclaimed Central EGI Corridor). The applicant is Eskom SOC Limited, the proposed OHL will however be constructed by the Special Purpose Vehicle (SPV) Castle Wind Farm (Pty) Ltd (2011/103968/07) in terms of a self-build agreement with Eskom. Consent and proof that the route has been pre-negotiated with the landowner of the properties in question, Marietha van der Merwe, is provided in Appendix 3.

Name of the landowner:	Marietha van der Merwe Farm Vendussie Kuil, Portion 12 of Farm 165 Farm Vendussie Kuil, Portion 13 of Farm 165 Farm Slingers Hoek , Portion 2 of Farm 2		
Name of contact person for landowner (if other):	Marietha van der Merwe (Andries van der Merwe)		
Postal address:	PO Box 257 Vanderkloof		
Postal code:	8771	Cell:	082 4446325
Telephone:		Fax:	
E-mail:	andries.tineke@albieswireless.co.za		

APPENDIX 4
LIST OF LOCAL/PROVINCIAL AUTHORITY INVOLVED

Provincial Environmental Authority:	Northern Cape: Department of Agriculture, Environmental Affairs, Rural Development and Land Reform		
Name of contact person:	Mr Bryan Fisher (Director: Environmental Quality Management Services)		
Postal address:	Private Bag X6102, Kimberley		
Postal code:	8301	Cell:	083 270 8323
Telephone:	053 807 7431	Fax:	053 832 1035
E-mail:	bfisher@ncpg.gov.za		

Local Municipality:	Emthanjeni Local Municipality		
Name of contact person in (Environmental Section)	Mrs Shereave Felix (Manager: Development and Strategic Services)		
Postal address:	PO Box 42 De Aar		
Postal code:	7000	Cell:	084 2956356
Telephone:	053 632 9100	Fax:	053 631 0105
E-mail:	shereavef@emthanjeni.co.za		

Local Municipality:	Renosterberg Local Municipality		
Name of contact person in (Environmental Section)	Kgabaganyo Matolong (Acting Municipal Manager)		
Postal address:	PO Box112 Petrusville		
Postal code:	8770	Cell:	
Telephone:	053 663 0041	Fax:	053 663 0180
E-mail:	renosterberg_mun@xsinet.co.za		

**APPENDIX 5
STRATEGIC INFRASTRUCTURE PROJECTS**

<p>SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst</p> <ul style="list-style-type: none"> • Unlock mineral resources • Rail, water pipelines, energy generation and transmission infrastructure • Thousands of direct jobs across the areas unlocked • Urban development in Waterberg - first major post-apartheid new urban centre will be a “green” development project • Rail capacity to Mpumalanga and Richards Bay • Shift from road to rail in Mpumalanga • Logistics corridor to connect Mpumalanga and Gauteng. 	
<p>SIP 2: Durban-Free State-Gauteng logistics and industrial corridor</p> <ul style="list-style-type: none"> • Strengthen the logistics and transport corridor between SA’s main industrial hubs • Improve access to Durban’s export and import facilities • Integrate Free State Industrial Strategy activities into the corridor • New port in Durban • Aerotropolis around OR Tambo International Airport. 	
<p>SIP 3: South-Eastern node & corridor development</p> <ul style="list-style-type: none"> • New dam at Mzimvubu with irrigation systems • N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains • Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape • A manganese sinter (Northern Cape) and smelter (Eastern Cape) • Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector. 	
<p>SIP 4: Unlocking the economic opportunities in North West Province</p> <ul style="list-style-type: none"> • Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure • Enabling reliable supply and basic service delivery • Facilitate development of mining, agricultural activities and tourism opportunities • Open up beneficiation opportunities in North West Province. 	
<p>SIP 5: Saldanha-Northern Cape development corridor</p> <ul style="list-style-type: none"> • Integrated rail and port expansion • Back-of-port industrial capacity (including an IDZ) • Strengthening maritime support capacity for oil and gas along African West Coast • Expansion of iron ore mining production and beneficiation. 	
<p>SIP 6: Integrated municipal infrastructure project</p> <p>Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.</p>	
<p>SIP 7: Integrated urban space and public transport programme</p> <p>Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.</p>	
<p>SIP 8: Green energy in support of the South African economy</p> <p>Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.</p>	

Indicate capacity in MW:	
SIP 9: Electricity generation to support socioeconomic development Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.	
Indicate capacity in MW:	
SIP 10: Electricity transmission and distribution for all Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development. Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.	
SIP 11: Agri-logistics and rural infrastructure Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch train-line, ports), fencing of farms, irrigation schemes to poor areas, improved R&D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.	
SIP 12: Revitalisation of public hospitals and other health facilities Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals.	
SIP 13: National school build programme A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding.	
SIP 14: Higher education infrastructure Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built - in Northern Cape and Mpumalanga.	
SIP 15: Expanding access to communication technology Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infracore fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas. While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity. The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.	
SIP 16: SKA & Meerkat SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.	
SIP 17: Regional integration for African cooperation and development	

<p>Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%.</p> <p>The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term.</p> <p>All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.</p>	
<p>SIP 18: Water and sanitation infrastructure</p> <p>A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation.</p> <p>The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.</p>	
<p>SIP 19: Water and Sanitation</p> <p>a. Vaal River System including Phase 2 of the Lesotho Highlands Water Project: Gauteng b. Phase 2A of the Mokolo Crocodile River (West) Augmentation Project: Limpopo c. uMkhomazi Water Project: KwaZulu Natal d. Olifants River Water Resource Development Project - Phase 2: Limpopo e. Vaal-Gamagara: Northern Cape f. Mzimvubu Water Project: Eastern Cape g. Rehabilitation of the Vaalharts-Taung Irrigation Scheme: Northern Cape & North West h. Groot Letaba River Water Development Project - Nwamitwa Dam: Limpopo i. Berg River Voëlvele Augmentation Scheme: Western Cape j. Rustfontein Water Treatment Works: Free State k. Orange-Riet Canal Increase of Bulk Raw Water Supply: Free State</p>	
<p>SIP 20: Energy</p> <p>a. Emergency/Risk Mitigation Power Purchase Procurement Programme (2000MW): National b. Small IPP Power Purchase Procurement Programme (100MW): National c. <u>Embedded Generation Investment Programme (EGIP)-400MW: National</u></p>	Yes
<p>SIP 21: Transport</p> <p>a. N1 Windburg Interchange to Windburg Station: Free State b. N1 Musina Ring Road: Limpopo c. N1 Polokwane Eastern Ring Rd Phase 2: Limpopo d. N1 Ventersburg to Kroonstad: Free State (2 projects in One) e. N2 Mtunzini Toll Plaza to Empangeni T-Junction: KwaZulu Natal. N3 Cato Ridge to Dardanelles: KwaZulu Natal g. N3 Dardanelles to Lynnfield Park: KwaZulu Natal h. N3 Paradise Valley to Mariannhill Toll Plaza: KwaZulu Natal i. N2 Edwin Swales to South of EB Cloete Interchange: KwaZulu Natal j. N3 Ashburton Interchange to Murray Road: KwaZulu Natal k. N3 Mariannhill Toll Plaza to Key Ridge: KwaZulu Natal l. N2 EB Cloete Interchange: KwaZulu Natal m. Small Harbours Development: National n. N3 New alignment via De Beers Pass: Free State o. Boegoebaai Port and Rail Infrastructure Project: Northern Cape</p>	
<p>SIP 22: Digital Infrastructure</p> <p>a. National Spatial Infrastructure Hub</p>	
<p>SIP 23: Agriculture and Agro-processing</p> <p>a. Marine Tilapia Industry: Eastern Cape b. Natural Dehydrated Foods: Mpumalanga</p>	

SIP 24: Human Settlements	
a. Greater Cornubia: KwaZulu-Natal	
b. Vista Park II & III: Free State	
c. Lufhereng: Gauteng	
d. Malibongwe Ridge: Gauteng	
e. N2 Nodal Development: Eastern Cape	
f. Matlosana N12 West: North West	
g. Green Creek: Gauteng	
h. Mooikloof Mega Residential City: Gauteng	
i. Fochville Extension 11: Gauteng	
j. Germiston Ext 4 Social Housing Project: Gauteng	
k. Newcastle Hospital Street Social Housing Project: KwaZulu Natal	
l. Hull Street Social Housing Project Phase 1: Northern Cape	
m. Kwandokuhle Social Housing Project: Mpumalanga	
n. Phola Heights - Tembisa Social Housing Project: Gauteng	
o. Sondela Phase 2: Gauteng	
p. Willow Creek Estate: Mpumalanga	
q. Joe's Place Social Housing: Gauteng	
r. Jeppetown Social Housing Project (Unity House): Gauteng	
SIP 25: Rural Bridges "Welisizwe" Programme	
SIP 26: Rural Roads Upgrade Programme	
SIP 27: Upgrading and Repair of Township Roads in Municipalities Programme	
SIP 28: PV and Water Savings on Government Buildings Programme	
SIP 29: Comprehensive Urban Management Programme	
SIP 30: Digitising of Government Information Programme	
SIP 31: Removal of Alien Vegetation and Innovative Building Materials Programme	
SIP 32: National Upgrading Support Programme (NUSP)	
SIP 33: Solar Water Initiatives Programme	
SIP 34: Student Accommodation	
SIP 35: SA Connect Phase 1B Programme	
SIP 36: Salvokop Precinct	

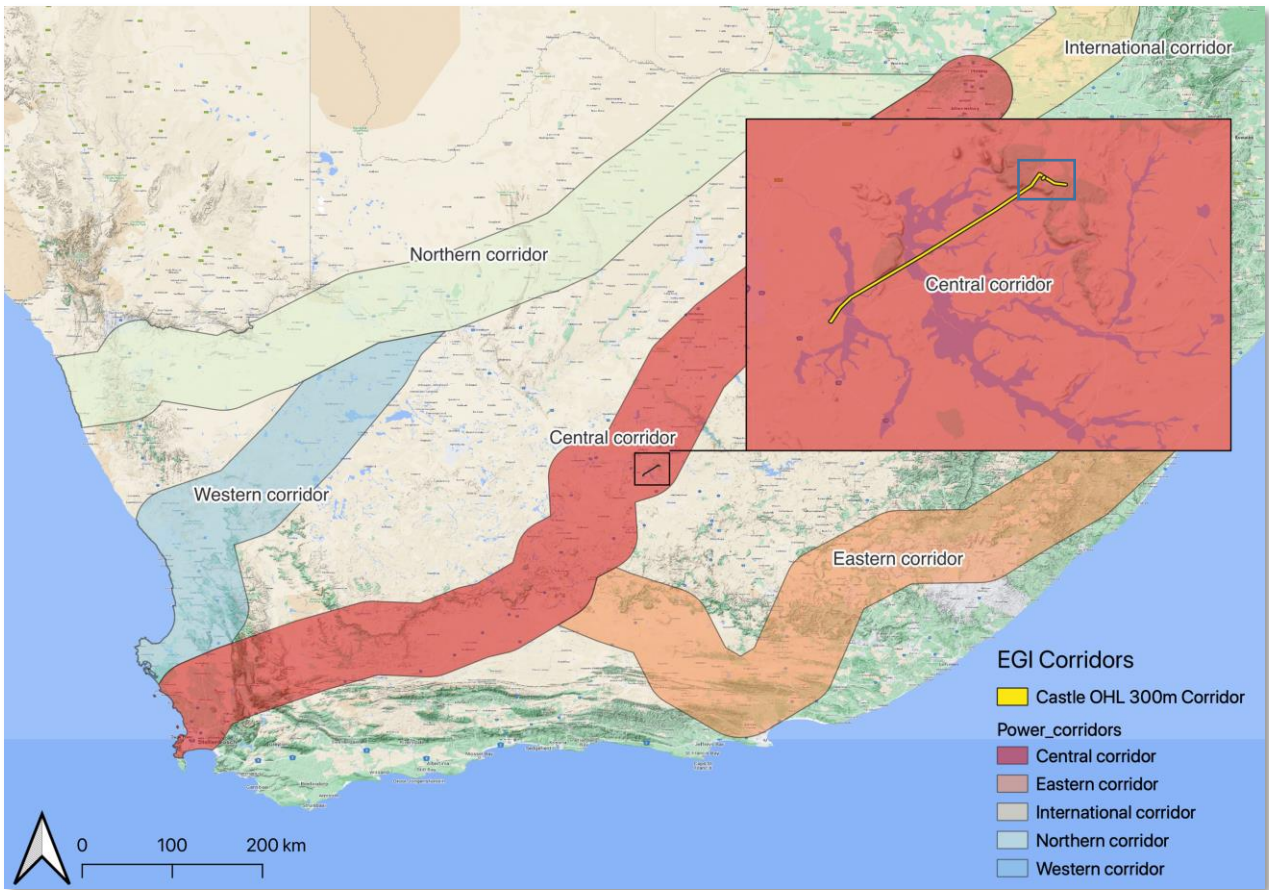


Figure 1: Proof of inclusion of proposed OHL development within the proclaimed Central EGI Corridor.

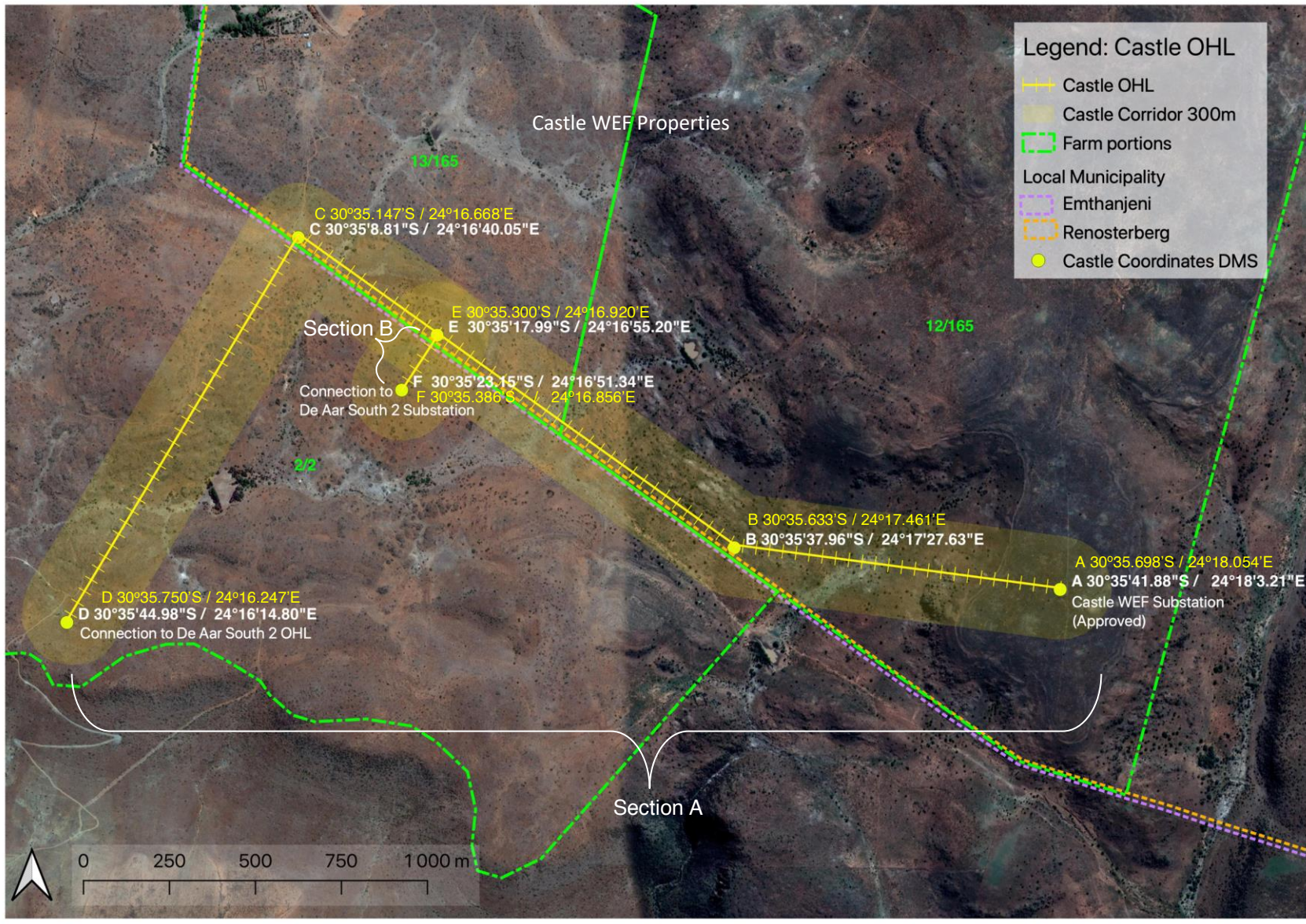
APPENDIX 6
LIST OF SGIDS / COORDINATES OF THE BOUNDARY OF THE PROPERTY OR PROPERTIES / COORDINATES OF LISTED ACTIVITIES

Name of landowner	Farm number	21-digit SG code	Name of farm
Marietha van der Merwe	Portion 13 of Farm 165	C03000000000016500013	Vendussie Kuil
Marietha van der Merwe	Portion 12 of Farm 165	C03000000000016500012	Vendussie Kuil
Marietha van der Merwe	Portion 2 of Farm 2	C0300000000000200002	Slingers Hoek

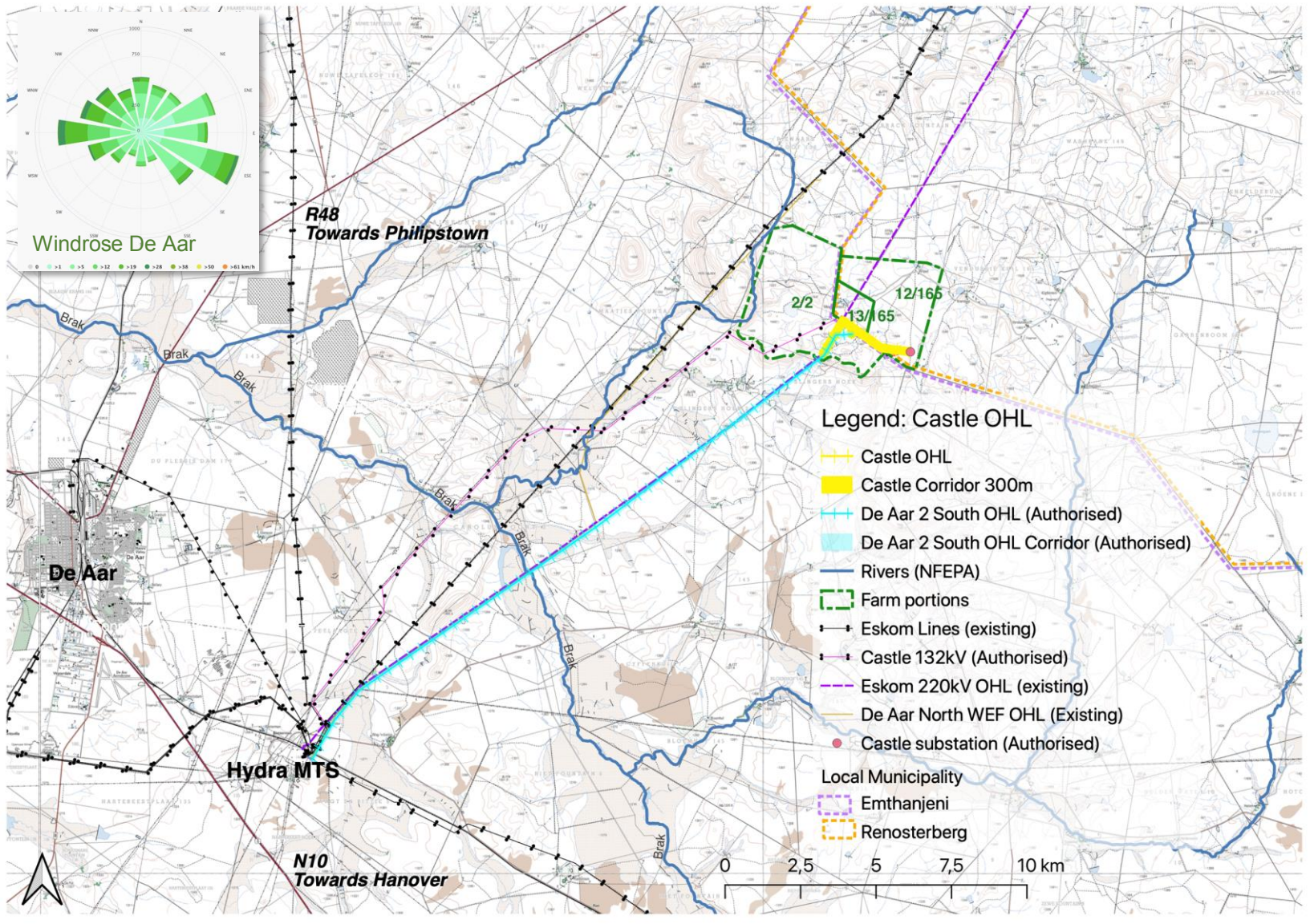
Co-ordinate points indicating the location of each listed activity

Listing Notice 1 of the EIA Regulations, 2014 as amended (LN 1 GN R327)	Co-ordinates (Degrees, minutes and seconds)
GN R983 Activity 11	Linear activity listed activities to take place between these points within a 300m corridor (points coincide with points provided in Locality map Appendix 7).
GN R983 Activity 12	
GN R983 Activity 19	
GN R983 Activity 28	
Listing Notice 3 of the EIA Regulations, 2014 as amended (LN 3 GN R324)	Start, end and bend point coordinates of the approximate centre line of the 300m corridor.
GN R985 Activity 4	Section A A: 30°35'41.88"S / 24°18'3.21"E; Start (Castel WEF Substation) B: 30°35'37.96"S / 24°17'27.63"E C: 30°35'8.81"S / 24°16'40.05"E D: 30°35'44.98"S / 24°16'14.80"E; End (De Aar 2 South OHL)
GN R985 Activity 14	
GN R985 Activity 18	
GN R985 Activity 23	
Listing Notice 2 of the EIA Regulations, 2014 as amended (LN 2 GN R325)	Section B E: 30°38'45.90"S / 24°11'32.74"E; Start (Castel OHL) F: 30°41'39.75"S / 24° 6'41.80"E; End (De Aar 2 South Substation)
GN R983 Activity 9	

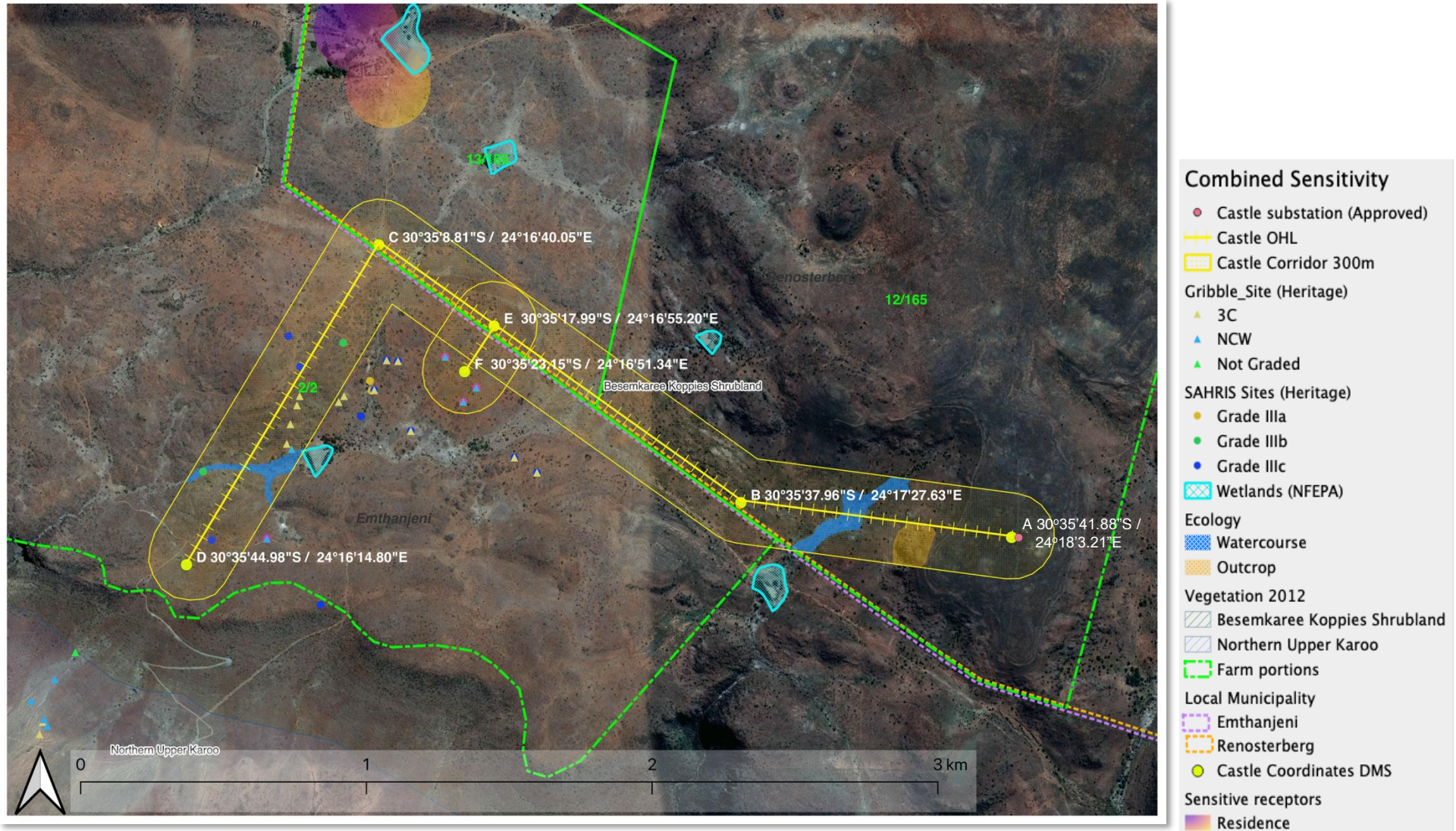
APPENDIX 7
LOCALITY MAP A (Satellite)



LOCALITY MAP A (Cadastral)



LOCALITY MAP A (Sensitivity)




APPENDIX 8 PROJECT SCHEDULE

Tasks	Time period <i>(statutory in blue)</i>	BA Timeframe created 2022/08/12										
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9		
		Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22		
EAP appointment Undertake mandatory EIA screening report. Online meeting with applicant. Draft specialist ToR including project description (client to review). *Engineering design freeze	5 days	[Gantt bar: Apr-22 to Apr-22]										
Specialists appointed (undertake site visits asap). Submit Public Participation Plan to DFFE (in terms of Covid 19 regulations).	5 days	[Gantt bar: Apr-22 to Apr-22]										
EAP Site visit and site sensitivity verification. Put up site notices for PPP.	5 days	[Gantt bar: Apr-22 to Apr-22]										
Compile application form to DFFE. Applicant review of Application.	10 days	[Gantt bar: Apr-22 to Apr-22]										
Submit application to DFFE electronically.	2 days	[Gantt bar: Apr-22 to Apr-22]										
Specialist draft reports	45 days	[Gantt bar: Apr-22 to May-22]										
Review of specialists reports by EAP & Client. Specialist reports completed	10 days	[Gantt bar: May-22 to Jun-22]										
Compile Draft Basic Assessment Reports (BAR) & Generic EMPr. Incorporate specialist studies into report.	30 days	[Gantt bar: Jun-22 to Jul-22]										
Client review of Draft BAR and Generic EMPr.	3 days	[Gantt bar: Jul-22 to Jul-22]										
Amend reports according to client comments. Print and courier hardcopy reports	3 days	[Gantt bar: Jul-22 to Jul-22]										
Circulate Draft BAR & Generic EMPr for a 30 day public comment (include specialist studies). Submit Draft BAR to DFFE electronically.	32 days	[Gantt bar: Jul-22 to Aug-22]										
Revise Final BARs & Generic EMPr according to comments received.	10 days	[Gantt bar: Aug-22 to Sep-22]										
Applicant review of Final BAR and EMPr.	3 days	[Gantt bar: Sep-22 to Sep-22]										
Amend reports according to comments. Submit reports to DFFE electronically.	3 days	[Gantt bar: Sep-22 to Sep-22]										
DFFE decision-making period on the Final BAR and EMPr (GN113, EGI corridor)	57 days	[Gantt bar: Sep-22 to Oct-22]										
DFFE Grant Environmental Authorisation OR Refuse Environmental Authorisation	Milestone	[Milestone: Oct-22]										
Notify I&APs of decision.	12 days	[Gantt bar: Oct-22 to Oct-22]										
Appeal Period (20 days).	20 days	[Gantt bar: Oct-22 to Oct-22]										
<p>Note: NEMA Covid-19 regulations are revised on a continuous basis, based on directives pertaining the disaster situation and therefore timeframes are subject to change due to amended regulations or specific requirements from DFFE.</p> <p>* Should any significant changes be made or significant new information need to be added to the basic assessment report, an additional 30 days of PPP would be required, with a further 5 days to prepare and collate.</p> <p>* A detailed final design and feasible alternatives must be provided to the EAP upon appointment and include a detailed project description that describes each infrastructure component.</p> <p>* DFFE decision making period for this project will be 57 days (GN113)</p>												

**APPENDIX 9
DECLARATION OF THE APPLICANT**

I, Debbie Harding, declare that –

- I am, or represent¹, the applicant in this application;
- I have appointed an Environmental Assessment Practitioner (EAP) to act as the independent EAP for this application / have obtained exemption from the requirement to obtain an EAP²;
- I will take all reasonable steps to verify whether the EAP and specialist/s appointed are independent and have expertise in conducting environmental impact assessments or undertaking specialist work as required, including knowledge of the Act, the EIA Regulations and any guidelines that have relevance to the proposed activity;
- I will provide the EAP and the Competent Authority with access to all information at my disposal that is relevant to the application;
- I will be responsible for the costs incurred in complying with the Regulations, including but not limited to –
 - costs incurred in connection with the appointment of the EAP or any person contracted by the EAP;
 - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
 - costs in respect of specialist reviews, if the Competent Authority decides to recover costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the Competent Authority;
- I will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the Competent Authority in this regard;
- I am responsible for complying with the conditions of any environmental authorisation issued by the Competent Authority;
- I hereby indemnify the Government of the Republic of South Africa, the Competent Authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or EAP is responsible for in terms of these Regulations;
- I will not hold the Competent Authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- I will perform all obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in section 49B of the Act.
- I am aware that in terms of Section 24F of the National Environmental Management Act, as amended (Act No. 107 of 1998) that no listed activity may commence prior to an environmental authorisation being granted by the Competent Authority.



Signature³ of the applicant/ Signature on behalf of the applicant

Eskom Holdings SOC Limited

Name of company (if applicable)

17/08/2022

Date:

¹ If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached. If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.

² If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

³ Only original signatures will be accepted. No scanned, copied or faxed signatures will be accepted. An EAP may not sign on behalf of an applicant.

**APPENDIX 10
DECLARATION OF THE EAP**

I, Dirk Jacobus Pretorius, declare that –

- I act as the independent environmental assessment practitioner in this application;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;
- I will take into account, to the extent possible, the matters listed in Regulation 13 of the Regulations when preparing the application and any report relating to the application;
- I undertake to disclose to the applicant and the Competent Authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the Competent Authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the Competent Authority, unless access to that information is protected by law, in which case it will be indicated that such information exists and will be provided to the Competent Authority;
- I will perform all obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in Section 49B of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;
- ~~• I have a vested interest in the proposed activity proceeding, such vested interest being:~~



Signature of the environmental assessment practitioner

EnviroAgri (Pty) Ltd

Name of company:

2022/08/15

Date

APPENDIX 11
SCREENING TOOL REPORT
Attached
Original Version 2022/04/28
Updated Version 2022/08/15

APPENDIX 12
UNDERTAKING UNDER OATH/ AFFIRMATION

I, Dirk Jacobus Pretorius, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.



Signature of the Environmental Assessment Practitioner

EnviroAgri(Pty)Ltd

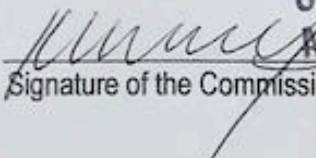
Name of Company

2022/08/15

Date

0918792-8 W/O

M.L. Mapukata



Signature of the Commissioner of Oaths

Date

2022-08-15

