

# REGISTRATION FORM

Registration form to request registration and intent to comply with the Standard for the Development and Expansion of Power Lines and Substations within Identified Geographical Areas Revision 2 in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.

FOR OFFICE USE ONLY	
Date of receipt of the registration form	
Registration number	

## PROJECT DESCRIPTION

The Zibulo Colliery operates both underground and opencast operations located about 100 km east of Johannesburg and approximately 60 km southwest of eMalahleni in the Mpumalanga province of South Africa. Zibulo North Shaft requires a 20MVA electricity supply for the mining operations by 2025. Zibulo proposes to establish a 125m powerline corridor involving the construction of substations and overhead powerlines. The following assets will be established for the supply:

- A new Zibulo North Shaft 132/11kV 2x20MVA Substation for the Zibulo North Shaft Point of Supply (POS). 2x20MVA TRFR's will be installed in phase 1 with an open TRFR bay for the installation of the third TRFR in 2032 should it be required.
- Establish 132kV Feeder Bay at the existing Cologne Substation.
- Build 7km (option 1 & 2) Kingbird 132kV line from Cologne Substation to Zibulo North Shaft Substation.
- Establish 132kV Feeder Bay at the existing Modiri Substation.
- Build 10.5km (option 1) or 15km (option 2) Kingbird 132kV line from Modiri Substation to the Zibulo North Shaft Substation. The route options will be assessed during the course of this environmental application process.

1. This form must always be used when requesting registration in terms of the *Standard for the Development and Expansion of Power Lines and Substations within Identified Geographical Areas Revision 2*, which allows for the exclusion from the requirement to obtain an environmental authorisation from the competent authority for listed and specified activities identified in the scope of this Standard which are associated with the development of electricity transmission and distribution power lines and substations when developed in areas of low or medium environmental sensitivity within the *Strategic Transmission Corridors*.
2. An electronic copy (in the form of a USB) of the signed registration form must be submitted together with two hard copies (one of which must contain the original signatures of both the proponent and EAP) to the competent authority.
3. All fields must be completed in full. The submission of incomplete information will lead to the registration being returned for inclusion of the missing information.
4. 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).
5. Unless protected by law, all information contained in and attached to this registration form, will become public information on receipt by the competent authority other than personal information of landowners which is for competent authority verification only. Upon request during any stage of the registration process, the proponent / EAP must provide any registered interested and affected party with the information contained in and attached to this registration form other than the personal information of landowners.
6. Please note that where the competent authority is the national department responsibly for the environment, this form must be copied to the relevant Provincial Environmental Department(s) for their information.
7. Maps must be produced using the Hartebeesthoek94 WGS84 coordinate system. Spatial data in shape file (.shp) format with associated metadata, packaged as a ZIP file (.zip), must be included in the supporting documentation. This must be provided electronically (in the form of a USB).

## COMPETENT AUTHORITY DEPARTMENTAL DETAILS:

Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs  
 Postal address:  
 Private Bag x 11219  
 Nelspruit  
 1200  
 Physical address:  
 Samora Machel Building, Floor 1&2  
 No 7 Government Boulevard  
 Riverside Park  
 Mbombela  
 1200

## COMPETENT AUTHORITY

Identified competent authority to consider the registration form:	Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs (Nkangala District)
Reason(s) in terms of S24C of NEMA:	Applicant is a private company and the Minister (Member of the Executive Council) of the Department of Forestry, Fisheries and the Environment has delegated the responsibility of registrations through the Standard for the Development and Expansion of Power Lines and Substations within Identified Geographical Areas to the provincial authority.

## DETAILS OF THE PROPONENT

All notifications regarding the registration will be sent to the proponent using the details provided in this section.

Name of the proponent (Company/ Trading Name):	Anglo American Inyosi Coal (PTY) LTD (A Member of Thungela Resources Limited)		
Name of contact person for proponent:	Leonore van Wyk		
RSA Identity/ Passport Number:	8511140210087		
Responsible position, e.g. Director, CEO, etc.:	Mineral, Property Rights and Permitting		
Company Registration Number:	2005/016701/07		
BBBEE status:			
Physical address:	25 Bath Avenue, Rosebank, 2196		
Postal address:	PO Box 1521, Saxonwold		
Postal code:	2132	Cell:	076 822 0399
Telephone:		Fax:	011 638 9300
E-mail:	<a href="mailto:leonore.vanwyk@thungela.com">leonore.vanwyk@thungela.com</a>		

The originally signed declaration by the proponent confirming commitment to comply with the *Standard for the Development and Expansion of Power Lines and Substation within Identified Geographical Areas Revision 2* in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), must be submitted as Appendix 9 of the registration form.

Where a change of ownership of a development registered in terms of paragraph 16 occurs during the pre- construction or construction phases of the infrastructure, the registration number is retained by the new owner, however the new owner must submit the declaration by the proponent of commitment to implement the Standard (included as Appendix 9) and the declaration to implement Part B Section 1 of the Generic EMPr for overhead power lines and substations, and where applicable Part C, within 30 days upon finalisation of such change. There is no requirement for re-registration once the infrastructure has been constructed as the operation of a power line and substation are not identified activities in terms of the Act.

## LANDOWNER CONTACT DETAILS

Please note that the Department of Forestry, Fisheries and the Environment complies with the Protection of Personal Information Act, 2013 (Act No. 4 of 2013) and the personal information of landowners is for the use of the Department only for verification if necessary of pre-negotiation of the route only.

Name of the landowner:	Refer to 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:	Refer to 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 in Appendix 3 of this registration form.

## PROVINCIAL ENVIRONMENTAL AUTHORITY AND LOCAL MUNICIPALITY CONTACT DETAILS

Provincial Environmental Authority:	Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs		
Relevant section:	Environmental Impact Management: Nkangala District		
Postal address:	Corner Kruger and Justisie Street, Witbank, Emalahleni		
Postal code:	1035	Cell:	087 260 6484
Telephone:	013 692 5843	Fax:	
E-mail:	<a href="mailto:dtswai@mpg.gov.za">dtswai@mpg.gov.za</a> and <a href="mailto:dineotswai77@gmail.com">dineotswai77@gmail.com</a>		
Local Municipality:	Refer to Appendix 4		
Relevant section:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

In instances where there is more than one Provincial Environmental Authority and Local Municipality involved, please attach a list of these Authorities with their contact details in Appendix 4 of this registration form.

## ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

Company of Environmental Assessment Practitioner:	Environmental Impact Management Services (Pty) Ltd			
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)	2	Percentage Procurement recognition	60%
EAP name:	Mr. Vukosi Mabunda			
EAP Qualifications:	MSc in Geography			
Professional affiliation/registration:	<ul style="list-style-type: none"> <li>Registered Environmental Assessment Practitioner with Environmental Assessment Practitioner Association of South Africa – EAPASA (Reg. No: 134178)</li> <li>Professional Natural Scientist with the South African Council for Natural Scientific Professions – SACNASP (Reg. No: 2019/867).</li> </ul>			
Physical address:	8 Dalmeny Road, Pine Park, Randburg, 2194			
Postal address:	PO Box 2083, Pinegowrie			
Postal code:	2123	Cell:	(082) 048 9840	
Telephone:	(011) 789 7170	Fax:	(086) 571 9047	
E-mail:	<a href="mailto:vukosi@eims.co.za">vukosi@eims.co.za</a>			

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 for the purposes of the registration is true and correct must be submitted and included in Appendix 11. Curriculum Vitae of the EAP and specialists must be included in Appendix 12.

**PROJECT INFORMATION AND MAPS**

Please provide a detailed description of the project:

The Zibulo Colliery operates both underground and opencast operations located about 100 km east of Johannesburg and approximately 60 km southwest of eMalahleni in the Mpumalanga province of South Africa. The Zibulo Colliery was formed in 2010. The underground operation is a mechanised bord and pillar mining operation. Surface operations consist of a truck and shovel open cast operation operated by contractors. Coal mined at Zibulo underground is transported via overland conveyor to the Phola Coal Processing Plant (PCPP) with the surface operations delivering coal to the PCPP by road. Zibulo produces a premium product for sale into the export market and is an important role player in the mining sector contributing to local and regional economy as well as national GDP.

Zibulo North Shaft requires a 20MVA electricity supply for the mining operations by 2025. Zibulo proposes to establish a 125m powerline corridor involving the construction of substations and overhead powerlines. The proposed development is approximately 6.6 km south of Kendal Power Station and approximately 14.5 km Southwest of Ogies. The proposed project area is situated within Nkangala District Municipality, extending between Victor Khanye and Emalahleni Local Municipalities, Mpumalanga Province. The proposed Zibulo North Shaft entrance is located at 26°8'55.0"S, 28°57'10.32"E. The entirety of the proposed powerline project falls within the Electrical Generation Infrastructure (EGI) International Corridor as defined in the Department of Forestry, Fisheries and the Environment (DFFE), 2022 Standard for the Development and Expansion of Power Lines and Substations within identified Geographical Areas (Revision 2). The source and load substations with reference to the power lines are located at:

- Cologne -26° 7'24.26"S, 28° 59'46.03"E,
- Modiri SS -26° 12'11.37"S, 29° 1'17.01"E and
- Zibulo North Shaft SS - 26° 8'56.88"S, 28° 57'22.38"E

The following assets will be established for the supply:

- A new Zibulo North Shaft 132/11kV 2x20MVA Substation for the Zibulo North Shaft Point of Supply (POS). 2x20MVA TRFR's will be installed in phase 1 with an open TRFR bay for the installation of the third TRFR in 2032 should it be required.
- Establish 132kV Feeder Bay at the existing Cologne Substation.
- Build 7km (option 1 & 2) Kingbird 132kV line from Cologne Substation to Zibulo North Shaft Substation.
- Establish 132kV Feeder Bay at the existing Modiri Substation.
- Build 10.5km (option 1) or 15km (option 2) Kingbird 132kV line from Modiri Substation to the Zibulo North Shaft Substation. The route options will be assessed during the course of this environmental application process.

The proposed Zibulo North project is an overhead transmission line (OHL) development. The OHL share one characteristic, they carry 3-phase current. The voltages vary according to the particular grid system they belong to. Transmission voltages vary from 69kV up to 765kV. The DC voltage transmission tower has lines in pairs rather than in threes (for 3-phase current) as in AC voltage lines. One line is the positive current line and the other is the negative current line. The proposed development is an 132kV AC steel monopoles and/or H-structures OHL. The site locality details are indicated in **Table 1** and **Figure 1** below.

*Table 1: Site property details*

Item	Details
Farm Portion / Name / Erf	<p>The proposed 125m powerline corridor is located on the following farms and portions: ZONDAGSFONTEIN 253 IR</p> <ul style="list-style-type: none"> <li>• Remaining Extent</li> <li>• Portion 3</li> <li>• Portion 5</li> <li>• Portion 6</li> <li>• Remaining Extent of Portion 7 (a portion of portion 2)</li> <li>• Remaining Extent of Portion 8 (a portion of portion 2)</li> <li>• Portion 9 (a portion of portion 2)</li> </ul>

	<ul style="list-style-type: none"> <li>• Portion 12</li> <li>• Portion 14 (a portion of portion 7)</li> <li>• Portion 16 (a portion of portion 8)</li> <li>• Portion 17 (a portion of portion 2)</li> <li>• Portion 18</li> </ul> <p>OLGA 35 IS</p> <ul style="list-style-type: none"> <li>• Portion 1</li> </ul> <p>SMITHFIELD 44 IS</p> <ul style="list-style-type: none"> <li>• Portion 1</li> <li>• Portion 2</li> <li>• Portion 3</li> <li>• Remaining Extent of Portion 5</li> <li>• Portion 9 (a portion of portion 5)</li> </ul> <p>RIETVLEI 64 IS</p> <ul style="list-style-type: none"> <li>• Remaining Extent</li> <li>• Remaining Extent of Portion 1</li> <li>• Remaining Extent of Portion 4</li> <li>• Portion 7 (a portion of portion 1)</li> </ul> <p>LEEUFONTEIN 219 IR</p> <ul style="list-style-type: none"> <li>• Remaining Extent</li> <li>• Portion 13</li> <li>• Portion 24</li> <li>• Portion 35</li> </ul>
Powerline characteristics	Corridor <ul style="list-style-type: none"> <li>• 125m powerline corridor</li> <li>• 7km Kingbird 132kV line from Cologne Substation to Zibulo Substation</li> <li>• 10.5km (route option 1) or 15km (route option 2) Kingbird 132kV line from Zibulo Substation to Modiri Substation</li> </ul>
Distance from closest town	14.5 km Southwest of Ogies
GPS coordinates	Start point: 26° 7'23.76"S; 28° 59'45.41"E Midpoint: 26° 9'30.44"S; 29° 1'10.93"E Endpoint: 26° 10'23.97"S; 29° 2'52.99"E
Local Municipality	Victor Khanye and Emalahleni Local Municipalities
District Municipality	Nkangala District Municipality



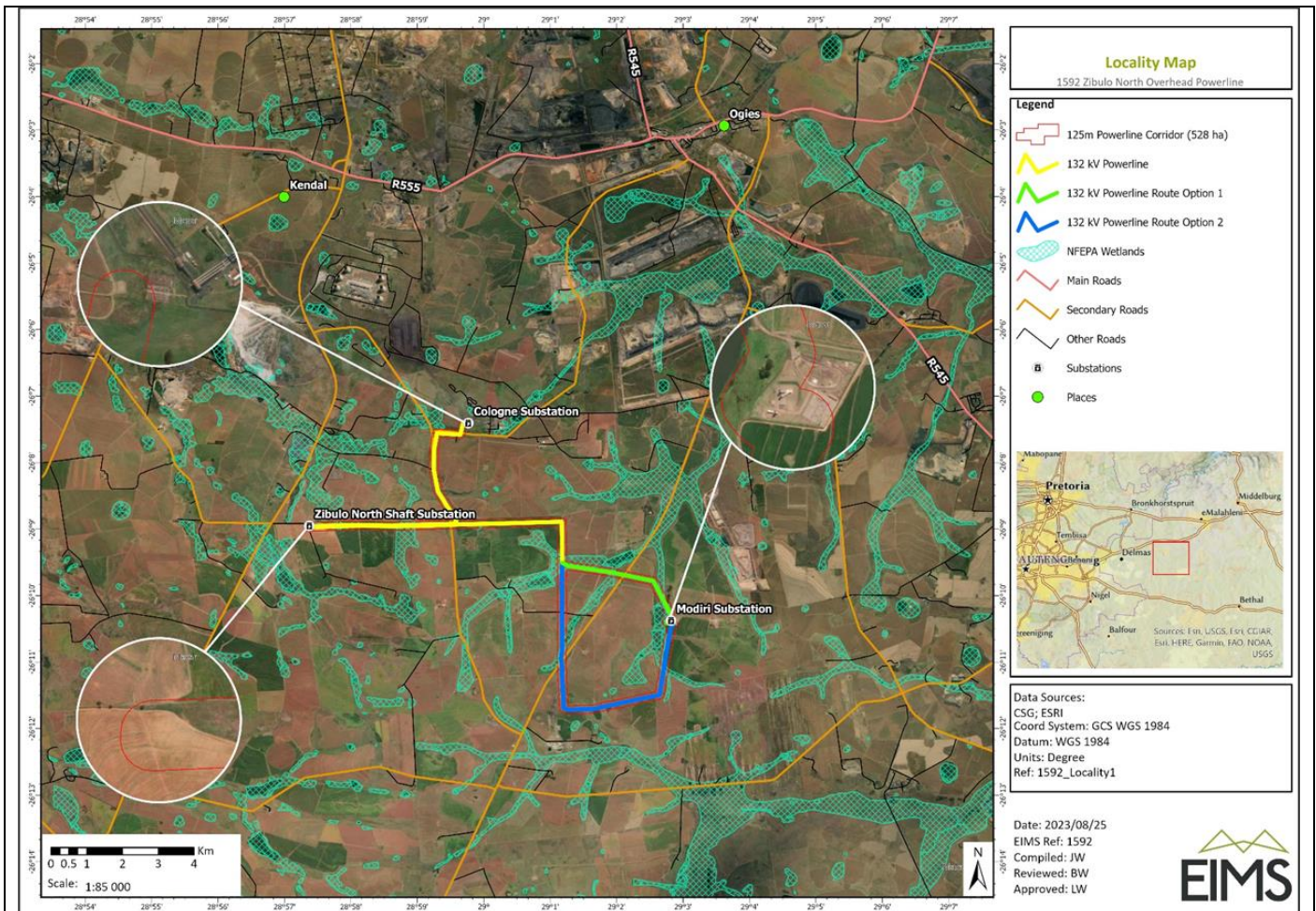


Figure 1: Site locality map

a. **SERVICES**

i. **Servitude Requirements**

Generally, 132 kV power lines require a servitude width of between 30m and 52m. The proposed power line will require a servitude width of at least 30m (15m either side of the centre line of the power line). It is understood that the powerline route option 2 which is the route being applied for, falls within an existing Eskom servitude. The exact details of the servitude requirements will be discussed with the affected landowners during the route negotiations. A total of ~123 towers are planned for the entire powerline route. The final positions of the steel monopoles will be identified and verified using a ground survey. Any extra area required outside the servitude owned/controlled by Eskom, shall be negotiated with the relevant land occupiers, and approved by the owner in control of that servitude (i.e., Eskom). All areas marked as areas of increased environmental sensitivity (i.e., medium sensitive) located inside the servitude shall be treated with the utmost care and responsibility from an environmental management perspective.

ii. **Access Road**

A vehicle access road is usually required to be established to allow access along the entire length of the servitude. Access is required during both the construction and operation/maintenance phases of the line life cycle. The existing gravel and surfaced roads will be used as the access roads.

iii. **Construction Site Camps**

Normally the power line Contractor would set up at least one site camp, but this does not necessarily need to be near the power line construction site. The Contractor may, however, prefer to use a fully serviced site in another location. It is the EAPs opinion that only one construction camp will be required for the project and it should ideally be located within an already disturbed and less environmental sensitive area such as the Cologne, Modiri or Zibulo North Shaft Substations or alternatively similar transformed areas agreed to by the landowner.

iv. **Sewage**

A negligible sewage flow is anticipated for the duration of the construction period. Onsite pre-treatment can be undertaken using chemical toilets. The toilets shall be serviced periodically by a registered waste service provider and disposed at a

registered waste facility.

v. **Solid Waste Disposal**

All solid waste shall be collected at a central location at each construction site and will be stored temporarily until removal to an appropriately permitted landfill site in the vicinity of the construction site by a registered waste service provider.

vi. **Electricity**

Diesel generators will likely be utilised for the provision of electricity during construction (if and where required).

b. **Project Alternatives**

i. **Design Alternatives**

Design alternatives are the consideration of different designs for technical efficiency, aesthetic purposes or different construction materials in an attempt to optimise local benefits and sustainability. The following design alternatives (Steel Monopole Structure and Lattice structures) were considered for the project. The applicant prefers the proposed steel monopole structure as the technology to be used. A steel monopole structure is considered as the most appropriate technology, and in some cases has been specifically designed for the existing environmental conditions and terrain, as specified by the standard Eskom specifications and best international practice. These monopole structures have already been used in the surrounding powerlines and do not cause significant environmental impacts.

Monopole structures are considered to be cost effective and preferable in any areas with denser population. When compared to underground cables and other overhead structures, the speed and ease of installation of monopoles is significantly better, the impact on land is less, and the economic decisions associated with easier installations and little post-installation maintenance result in low life-cycle costs. The use of monopole structures also allows much more flexibility with respect to width of right-of-way and height requirements for structures.

The impact on the land is much less for monopole structures in comparison to other structures. The reduced time on the space requirements reduces the impact on the landowner's use of his land and allows him to get back sooner to his normal operations. Furthermore, the footprint required for steel monopole structures is much less when compared to other structures. The reduced footprint can require less right-of way, easier operation on the ground during construction, and allow for more natural uses of land after construction. These tower structures proposed have been selected to reduce visual impacts, impact on sensitive vegetation areas, wetlands and sensitive riparian habitats. Lastly, monopole structures are aesthetically more pleasing, have a smaller footprint and requires less steel.

ii. **Routing Alternatives**

Consideration of alternative routes generally applies to linear developments such as power lines, transport and pipeline routes. In route investigations, various corridors are investigated and compared in terms of their impacts.

**Longer Proposed Powerline Route (Blue)**

The proposed powerline route includes the construction of a 15km (Option 2) Kingbird 132kV line from Modiri Substation to the Zibulo North Shaft Substation. This powerline follows the existing Eskom powerline, it will take off at Modiri Substation, head south, turn west, head north and turn west towards Zibulo North Shaft Substation (see **Figure 1** Error! Reference source not found.). Although the proposed powerline is longer and likely anticipated to have more environmental impacts, it can be argued that considering that it follows an existing Eskom powerline within a servitude which has been modified, the direct impacts will be lesser compared to a new powerline route. It must be noted that this option was also selected on viability of a registration process via the Standard as there are no exclusions / limitations applicable to this route.

**Shorter Direct Powerline Route (Green)**

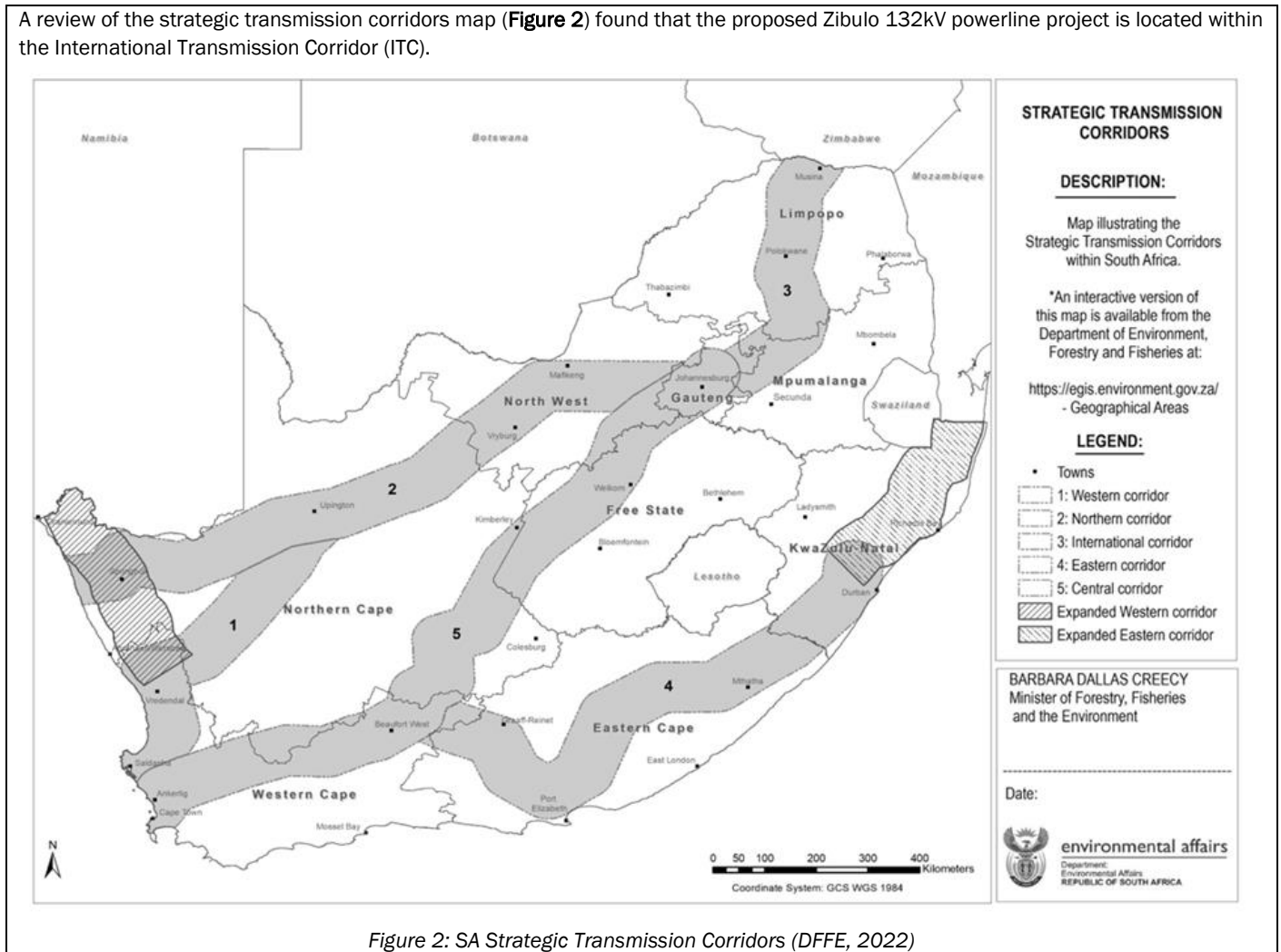
The shorter alternative route also known as option 1 powerline route includes the construction of a 10.5km Kingbird 132kV line from Modiri Substation to the Zibulo North Shaft Substation. A section of this powerline will be a new route before joining to the existing powerline corridor. This powerline will also take off at Modiri Substation, but will take off at the northern end of the Modiri Substation, heading northwest before joining to the existing Eskom powerline corridor as it heads west towards Zibulo North Shaft Substation (see **Figure 1**). Although this powerline is shorter it is likely anticipated to have more environmental impacts as it consists of a new section within a near natural environment and will also add to the overall cumulative impact of the area. It must be noted that this option is not viable through a registration process via the Standard as the specialist identified the *Phoeniconaias minor* (Lesser Flamingo) and *Phoenicopterus roseus* (Greater Flamingo) species within 500m of the powerline. This is one of the exclusions for the registration process via the Standard.

iii. **No-Go Alternative**

The No-go option implies that the Project does not proceed, meaning the applicant not going ahead with the construction of the proposed Zibulo 132kV powerline. Ideally this would be a preferable alternative as the status quo of the environment remains unchanged, however due to the growing demand for energy and activities that will require electricity for the mining operations by 2030, this alternative is preferable. Zibulo produces a premium product for sale into the export market and is an important role player in the mining sector contributing to local and regional economy as well as national GDP. Therefore, it is important that required 30MVA electricity supply for the mining operations by 2030 is realised to ensure that the operations continue at an optimal level. The project will improve and strengthen power supply required for the operations.

Please indicate which gazetted Strategic Transmission Corridor the project will take place in:

A review of the strategic transmission corridors map (**Figure 2**) found that the proposed Zibulo 132kV powerline project is located within the International Transmission Corridor (ITC).



A copy of the final Screening Tool Report generated on the National Web Based Environmental Screening Tool for the proposed pre-negotiated route and any substation where relevant must be attached as Appendix 1 of the registration form.

A copy of the final environmental sensitivity report as required in the *Standard for the Development and Expansion of Power Lines and Substations within Identified Geographical Areas Revision 2* must be submitted as Appendix 2 of the registration form.

A locality map must be attached to Appendix 6 of the registration form. For linear activities of more than 25 kilometres, a small scale e.g. 1:250 000 can be used. The scale must be indicated on the map. The map must include the following:

- an accurate indication of the project site position;
- location of the gazetted Strategic Transmission Corridor(s);
- 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;
- a scale bar; and
- GPS co-ordinates (Indicate the position of the proposed activity with the latitude and longitude at strategic points along the route of the power line. 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).

A final pre-negotiated route plan and/or any substation location where relevant must be attached to Appendix 7 of the registration form. Accompanying spatial data must be submitted electronically in shape file format (.shp) files with associated metadata, packaged as a ZIP file (.zip).

The sensitivity map must be attached as Appendix 8 of the registration form. The map must include the following:

- a north arrow; a legend;
- a scale bar;
- 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 proposed electricity grid infrastructure and/or any substation where relevant.

## SITE DESCRIPTION

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

Province/s	Mpumalanga Province
District Municipality/ies	Nkangala District Municipality
Local Municipality/ies	Emalahleni Local Municipality and Victor Khanye Local Municipalities
Ward number/s	
Nearest town/s	Approximately 6 km south of Kendal and 14.5 km Southwest of Ogies
Farm name/s and number/s	<ul style="list-style-type: none"> <li>• Zondagsfontein 253 IR</li> <li>• Olga 35 IS</li> <li>• Smithfield 44 IS</li> <li>• Rietvlei 64 IS</li> <li>• Leeuwfontein 219 IR</li> </ul>
Portion number/s	<p>The proposed 125m powerline corridor is located on the following farms and portions:</p> <p><b>ZONDAGSFONTEIN 253 IR</b></p> <ul style="list-style-type: none"> <li>• Remaining Extent</li> <li>• Portion 3</li> <li>• Portion 5</li> <li>• Portion 6</li> <li>• Remaining Extent of Portion 7 (a portion of portion 2)</li> <li>• Remaining Extent of Portion 8 (a portion of portion 2)</li> <li>• Portion 9 (a portion of portion 2)</li> <li>• Portion 12</li> <li>• Portion 14 (a portion of portion 7)</li> <li>• Portion 16 (a portion of portion 8)</li> <li>• Portion 17 (a portion of portion 2)</li> <li>• Portion 18</li> </ul> <p><b>OLGA 35 IS</b></p> <ul style="list-style-type: none"> <li>• Portion 1</li> </ul> <p><b>SMITHFIELD 44 IS</b></p> <ul style="list-style-type: none"> <li>• Portion 1</li> <li>• Portion 2</li> <li>• Portion 3</li> <li>• Remaining Extent of Portion 5</li> <li>• Portion 9 (a portion of portion 5)</li> </ul> <p><b>RIETVLEI 64 IS</b></p> <ul style="list-style-type: none"> <li>• Remaining Extent</li> </ul>

	<ul style="list-style-type: none"> <li>• Remaining Extent of Portion 1</li> <li>• Remaining Extent of Portion 4</li> <li>• Portion 7 (a portion of portion 1)</li> </ul> <p><b>LEEUFONTEIN 219 IR</b></p> <ul style="list-style-type: none"> <li>• Remaining Extent</li> <li>• Portion 13</li> <li>• Portion 24</li> <li>• Portion 35</li> </ul>
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Surveyor General 21 digit codes for the route alignment, which can be obtained from the screening report:

(Refer to Appendix 5)

<b>1</b>	<b>2</b>	<b>3</b>					<b>4</b>					<b>5</b>								

If there are more than 4, please attach a list with the rest of the codes. 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 5 of this registration form.

## LIST OF APPENDICES

		SUBMITTED	
APPENDIX 1	Final screening tool report for the final proposed pre-negotiated route and/or the location of any substation where relevant	YES ✓	NO
APPENDIX 2	Final environmental sensitivity report	YES ✓	NO
APPENDIX 3	List and contact details of landowners	YES ✓	NO
APPENDIX 4	List and contact details of provincial environmental authority and local municipality	YES ✓	NO
APPENDIX 5	List of SGIDs/coordinates of the boundary of the property or properties	YES ✓	NO
APPENDIX 6	Locality map	YES ✓	NO
APPENDIX 7	Final pre-negotiated route plan of the electricity grid infrastructure and/or the location of any relevant substation <sup>33</sup>	YES ✓	NO
APPENDIX 8	Sensitivity map	YES ✓	NO
APPENDIX 9	Declaration of the proponent: commitment to implement the Standard	YES ✓	NO
APPENDIX 10	Declaration of the proponent: commitment to implement the Generic and where relevant the site-specific environmental management programme.	YES ✓	NO
APPENDIX 11	Declaration of EAP and undertaking under oath or affirmation	YES ✓	NO
APPENDIX 12	Curriculum vitae of the EAP and specialists	YES ✓	NO

<sup>33</sup> Shape files (.shp) and associated metadata, packaged as a ZIP file (.zip), of the final pre-negotiated route plan and/or the location of any relevant substation must be submitted to the competent authority.

***APPENDIX 1***

**SCREENING TOOL REPORT FOR THE FINAL PROPOSED PRE-NEGOTIATED ROUTE AND/OR THE LOCATION  
OF ANY SUBSTATION WHERE RELEVANT**

***APPENDIX 2***  
**FINAL ENVIRONMENTAL SENSITIVITY REPORT**

To be provided in November 2023 after public participation



***APPENDIX 3***  
**LIST AND CONTACT DETAILS OF LAND OWNERS**

***APPENDIX 4***  
**LIST AND CONTACT DETAILS OF PROVINCIAL ENVIRONMENTAL AUTHORITY  
AND LOCAL MUNICIPALITY**

***APPENDIX 5***

**LIST OF SGIDS / COORDINATES OF THE BOUNDARY OF THE PROPERTY OR PROPERTIES**

***APPENDIX 6***  
**LOCALITY MAP**

***APPENDIX 7***  
**FINAL PRE-NEGOTIATED ROUTE PLAN OF THE ELECTRICITY GRID INFRASTRUCTURE  
AND/OR LOCATION OF ANY RELEVANT SUBSTATIONS<sup>34</sup>**

Refer to the Folder for the Shapefile and Kml

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<sup>34</sup> The final pre-negotiated route plan and/or location of any relevant substations must be included as a shape file at a scale not more than 1:15000 to identify environmental features.



***APPENDIX 8***  
**SENSITIVITY MAP**

## APPENDIX 9

### DECLARATION OF THE PROPONENT COMMITMENT TO IMPLEMENT THE STANDARD<sup>35</sup>

I, \_\_\_\_\_, hereby declare that:

- I am the proponent in this registration;
- I have appointed an Environmental Assessment Practitioner (EAP) to act as the independent EAP for this registration;
- I have taken all reasonable steps to verify whether the EAP and specialist/s appointed are independent and have relevant expertise, including knowledge of the Act, the EIA Regulations and any guidelines that have relevance to the proposed activity;
- I have provided the EAP and specialists with access to all information at my disposal that is relevant to the registration;
- I am responsible for implementing the EMPr;
- I am responsible for the costs incurred in complying with the Standard, 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 Standard; and
  - costs associated with implementing the EMPr;
- 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 registration, any procedure or any action which I as the proponent or the EAP is responsible for in terms of the Standard;
- I will not hold the competent authority responsible for any costs that may be incurred in proceeding with an activity prior to obtaining confirmation of registration or prior to an appeal being decided in terms of the National Appeal Regulations, 2014;
- I have performed all obligations as expected from a proponent in terms of the Standard;
- I have read the completed registration form and supporting documents and hereby confirm that the information provided is, to the best of my knowledge, true and correct;
- All the particulars furnished by me in this form are true and correct;
- I have not commenced with the project as described in paragraph 1.3 of Chapter 1 of this Standard and will not commence until a registration number has been received as contemplated in the *Standard for the Development and expansion of Power Lines and Substations within Identified Geographical Areas Revision 2*; and
- I am fully aware of my responsibilities in terms of the Standard for the Development and Expansion of Power Lines and Substations within Identified Geographical Areas Revision 2 in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) and failure to comply with these requirements may constitute an offence. I am aware of what constitutes an offence in terms of the Standard and that a person convicted of an offence is liable to the penalties as contemplated in section 49B of the Act.

Proponent (Name and Surname) \_\_\_\_\_

Name of Company (If Applicable) \_\_\_\_\_

Designation \_\_\_\_\_

Signature<sup>36</sup> \_\_\_\_\_

Date \_\_\_\_\_ Place \_\_\_\_\_

<sup>35</sup> This registration form must be signed by the proponent.

<sup>36</sup> Only original signatures will be accepted. No scanned, copied or faxed signatures will be accepted. An EAP may not sign on behalf of the proponent.

Commissioner of Oaths \_\_\_\_\_

Designation \_\_\_\_\_

Signature<sup>36</sup> \_\_\_\_\_

Date \_\_\_\_\_ Place \_\_\_\_\_

\_\_\_\_\_  
Commissioner of Oaths Stamp

**APPENDIX 10**

**DECLARATION OF THE PROPONENT COMMITMENT TO IMPLEMENT THE GENERIC AND WHERE RELEVANT THE SITE SPECIFIC ENVIRONMENTAL MANAGEMENT PROGRAMME**

I, \_\_\_\_\_, the proponent, affirm that I will abide by and comply with the prescribed impact management outcomes and impact management actions as stipulated in Part B: Section 1 / Part C [delete what is not applicable] of the Generic Environmental Management Programmes for the Development and Expansion of Overhead Electricity Transmission and Distribution Infrastructure and for the Development and Expansion of Substation (as published under Government Notice No. 435 in Government Gazette No. 42323 of 22 March 2019.).

I declare that I have the understanding that the impact management outcomes and impact management actions are legally binding.

I affirm that I will provide written notice of commencement of construction to the competent authority 14 days prior to the date on which the activity will commence in order to facilitate compliance inspections.

**Proponent (Name and Surname)** \_\_\_\_\_

**Name of Company (If Applicable)** \_\_\_\_\_

**Designation** \_\_\_\_\_

**Signature<sup>37</sup>** \_\_\_\_\_

**Date** \_\_\_\_\_ **Place** \_\_\_\_\_

<sup>37</sup> An EAP may not sign on behalf of the proponent.

**APPENDIX 11**  
**DECLARATION OF EAP AND UNDERTAKING UNDER OATH OR AFFIRMATION**

**Declaration of EAP**

I, \_\_\_\_\_, declare that:

- I act as the independent environmental assessment practitioner in the Standard registration process;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, the *Standard for the Development and Expansion of Power Lines and Substations within Identified Geographical Areas Revision 2*, the Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the National Environmental Management Act, 1998 (Act No.107 of 1998) the *Standard for the Development and Expansion of Electricity Power Lines and Substations within Identified Geographical Areas Revision 2*, the Regulations and all other applicable legislation;
- I have performed the work relating to the Standard registration process in an objective manner;
- I have taken into account, to the extent possible; the requirements of the *Standard for the Development and Expansion of Power Lines and Substations within Identified Geographical Areas Revision 2*, matters listed in Regulation 13 of the Environmental Impact Assessment (EIA) Regulations, 2014 (as amended) when preparing the Standard registration process; and the reports relating to the Standard registration process;
- I have disclosed to the Proponent all material information in my possession that reasonably has or may have the potential of influencing the Standard registration process; and the objectivity of any report, plan or document to be prepared by myself to support the registration process, unless access to that information is protected by law, in which case, I have indicated that such information exists and will be provided to the competent authority as part of the registration process; and
- I have performed all obligations as expected from an environmental assessment practitioner in terms of the *Standard for the Development and Expansion of Power Lines and Substations within Identified Geographical Areas Revision 2* and the EIA Regulations, 2014 (as amended).

**Disclosure of vested (delete whichever is not applicable)**

- ~~I do 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 Standard;~~
- I have a vested interest in the proposed activity proceeding, such vested interest being:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Signature of the Environmental Assessment Practitioner

\_\_\_\_\_  
Name of Company

\_\_\_\_\_



\_\_\_\_\_

Date

**Undertaking under Oath or Affirmation**

I, \_\_\_\_\_, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this registration is true and correct.

\_\_\_\_\_

Signature of the Environmental Assessment Practitioner

\_\_\_\_\_

Name of Company

\_\_\_\_\_

Date

\_\_\_\_\_

Signature of the Commissioner of Oaths

\_\_\_\_\_

Date

***APPENDIX 12***  
**CURRICULUM VITAE OF THE EAP AND SPECIALISTS**