



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

### APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	
NEAS Reference Number:	DEA/EIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), (the Act) and the Environmental Impact Assessment Regulations, 2010 (the Regulations)

#### PROJECT TITLE

Proposed Isundu 765/400 kV Sub-station and associated 400 kV multi-circuit turn-in transmission lines (x 2)

#### Kindly note that:

1. This application form is current as of 1 August 2014. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The application 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.
3. Where applicable **black out** the boxes that are not applicable in the form.
4. Incomplete applications will be rejected in terms of Regulation 13(2) of GN R. 543 and returned to the applicant for revision and resubmission.
5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
6. This application must be handed in at the offices of the relevant competent authority as determined by the Act and Regulations.
7. No faxed or e-mailed applications will be accepted. An electronic copy of the signed application form must be submitted together with two hardcopies (one of which must contain the original signatures).
8. Unless protected by law, all information filled in on this application form will become public information on receipt by the competent authority. Any interested and affected party should and shall be provided with the information contained in this application on request, during any stage of the application process.
9. 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.

10. Proof of payment must accompany this application. The application will not be processed without proof of payment unless one of the exclusions provided for the Fee Regulations (Fees for consideration and processing of applications for environmental authorisations and amendments thereto Government Notice No.141, published on 28 February 2014) is applicable AND such information in section 1 of this application form has been confirmed by this Department.

**Departmental Details**

**The application must be addressed to the Chief Directorate: Integrated Environmental Authorisations at:**

**Postal address:**

Department of Environmental Affairs  
Attention: Director: Integrated Environmental Authorisations  
Private Bag X447  
Pretoria  
0001

**Physical address:**

Department of Environmental Affairs  
Attention: Director: Integrated Environmental Authorisations  
Environment House  
473 Steve Biko Road  
Arcadia  
Pretoria

Queries must be addressed to the contact below:

Tel: 012 399 9372

E-mail: [EIAAdmin@environment.gov.za](mailto:EIAAdmin@environment.gov.za)

***Please note that this form must be copied to the relevant provincial environmental department/s.***

View the Department's website at <http://www.environment.gov.za/> for the latest version of the documents.

1. **PROOF OF PAYMENT**

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 and a motivation for exclusions must be attached to this application form in **Appendix 1**.

Proof of payment attached as **Appendix 1**

Exclusion applies

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.

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	
The applicant is an organ of state	✓

FEE AMOUNT	Fee
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 Environmental Affairs' details for the payment of application fees:

<p>Payment Enquiries: Tel: 012 399 9119 Email: eiafee@environment.gov.za</p> <p>Banking details: ABSA Bank Branch code: 632005 Account number: 1044 2400 72 Current account 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 eg. -33.918861/18.423300</p> <p>Proof of payment must accompany the application form: Indicate reference number below.</p> <p>Tax exemption status: Status: Tax exempted</p> <p>Reference number: .....N/A.....</p>
---

## 2. PROJECT DESCRIPTION

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

On 11 June 2012, the Department of Environmental Affairs (DEA) issued an Environmental Authorisation for the Venus-Sigma-Hector-(Ariadne) 765/400 kV Transmission Lines (EIA: 12/12/20/1397/1, EIA: 12/12/20/1397/3). Part of the infrastructure for this project is the new Sigma Sub-station (765 kV) (EIA: 12/12/20/1397/2) which was authorised on 30 March 2012. Both Environmental Authorisations were appealed, subject to the concluding of a Memorandum of Understanding between Eskom and the South African Sugar Association concerning the cultivation of sugar cane in 765 kV and 400 kV transmission line servitudes, inclusive of the burning of sugar cane immediately prior to its harvest. This Memorandum of Understanding has since been signed and DEA informed Eskom on 14 October 2013 that the appeals had been withdrawn and that DEA were closing their file.

During this period, Eskom has undertaken more detailed geotechnical investigations at the Sigma Sub-station site, which have shown that earthworks and foundations would be exorbitantly expensive (doubling the capital cost of the sub-station). Therefore, Eskom initiated a process to identify alternative sub-station sites within the greater study area. This involved extensive technical and environmental investigations, the outcome of which is one suitable site to the north-west of Camperdown, KwaZulu-Natal (a detailed motivation to investigate only one sub-station site alternative is provided in **Appendix 10**).

The proposed Isundu Sub-station (765/400 kV) site is located at S29° 39' 50.77"; E30° 30' 48.37" and is predominately within the authorised Venus-Sigma-Hector-(Ariadne) (VSHA) Transmission Line corridor. While the sub-station site is approximately 100 ha, the actual sub-station footprint will be approximately 50-60 ha. The incoming 765 kV transmission line will be from the north within the authorised VSHA corridor. The outgoing 400 kV lines (x 2) will no longer be required to go to the Hector Sub-Station near Hammarsdale (a distance of approximately 18 km). Rather, the 2 x 400 kV transmission lines will tie into the existing Hector-Ariadne double circuit 400 kV transmission line within the immediate vicinity of the proposed Isundu Sub-station (approximately 4 km) on which there is a spare 400 kV circuit.

These 2 x 400 kV transmissions lines will be built as double circuit lines to make provision for two future 400 kV feeders, if required, thereby alleviating the need to acquire additional servitudes in the future.

Other infrastructure which will form part of the overall sub-station will be access roads, a microwave radio communication tower, as well as an oil dam to contain any transformer oil spills.

In this context, therefore, the project entails:

- ❑ A 765/400 kV sub-station on a site of approximately 100 ha and associated access road and communication infrastructure.
- ❑ 2 x 400 kV double circuit transmission lines over a distance of approximately 4 km.

[Eskom has also submitted a separate but linked application to amend Environmental Authorisation EIA: 12/12/20/1397/3 in parallel with this application. This authorisation approved the 2 x 400 kV transmission lines from Sigma Sub-station to Hector Sub-Station. The amendment required is that, if the Isundu Sub-station is authorised, the single 765 kV transmission line from the Venus Sub-station (near Estcourt) that is authorised to connect to the Sigma Sub-station (EIA: 12/12/20/1397/1) will now continue to the Isundu Sub-station, using the same authorised corridor. However, if the Isundu Sub-station is not granted environmental authorisation, then Eskom will withdraw this application for amendment. It should be noted that Eskom wishes to retain that section of corridor that continues to the Hector Sub-station for use as part of the current application].

Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?	YES	
--	-----	--

If YES, please indicate which SIPs are applicable in **Appendix 2**. You are also required to provide confirmation of SIP applications from the relevant sector representative which must be attached in **Appendix 2**.

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

**Table 1**

Green economy + "Green" and energy-saving industries		Greenfield transformation to urban or industrial form (including mining)	
Infrastructure – electricity (generation, transmission & distribution)	<del>X</del>	Biodiversity or sensitive area related activities	
Oil and gas		Mining value chain	
Biofuels		Potential of metal fabrication capital & transport equipment – arising from large public investments	
Nuclear		Boat building	
Basic services (local government) – electricity and electrification		Manufacturing – automotive products and components, and medium and heavy commercial vehicles	
Basic services (local government) – area lighting		Manufacturing – plastics, pharmaceuticals and chemicals	
Infrastructure – transport (ports, rail and road)		Manufacturing – clothing textiles, footwear and leather	
Basic services (local government access roads)		Forestry, paper, pulp and furniture	
Basic services (local government) – public transport		Business process servicing	
Infrastructure – water (bulk and reticulation)		Advanced materials	
Basic services (local government) – sanitation		Aerospace	
Basic services (local government) – waste management		Basic services (local government) - education	
Basic services (local government) water		Basic services (local government) - health	
Agricultural value chain + agro-processing (linked to food security and food pricing imperatives)		Basic services (local government) - housing	
Infrastructure – information and communication technology		Basic services (local government) security of tenure	
Tourism + strengthening linkages between cultural industries and tourism		Other	
Basic services (local government) – public open spaces and recreational facilities			

**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.		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:		
Not Applicable		

**3. GENERAL INFORMATION**

Applicant name:	Eskom Holdings SOC Limited		
Registration number (if applicant is a company)	Not Applicable		
Trading name (if any)	Not Applicable		
Responsible person name (If the applicant is a company):	Mr Archibold Mogokonyane		
Applicant/ Responsible person ID number:	7011045082088		
Responsible position, e.g. Director, CEO, etc.:	Programme Manager		
Physical address:	MegaWatt Park, Sandton, Johannesburg		
Postal address:	PO Box 1091, Johannesburg		
Postal code:	2000	Cell:	082 466 6022
Telephone:	011 800 3778	Fax:	086 602 9207
E-mail:	MogokoA@eskom.co.za	BBBEE status	Black Male

Provincial Authority:	KwaZulu-Natal Department of Economic Development, Tourism and Environmental Affairs		
Contact person:	Reka Kallicharan		
Postal address:	Private Bag X07, Cascades		
Postal code:	3202	Cell:	
Telephone:	033 347 1820	Fax:	033 347 1826
E-mail:	<a href="mailto:reka.kallicharan@kzndae.gov.za">reka.kallicharan@kzndae.gov.za</a>		

Local municipality	See Appendix 3		
Contact person:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

In instances where there is more than one local authority involved, please attach a list of those local authorities with their contact details as **Appendix 3**.

Landowner:	Ms Lorraine Hebblethwaite (Sub-station Site)		
Contact person:	Ms Lorraine Hebblethwaite		
Postal address:	P O Box 392, Tulbagh		
Postal code:	6820	Cell:	083 631 2835
Telephone:	023 230 1457	Fax:	
E-mail:	<a href="mailto:lahebbs@sai.co.za">lahebbs@sai.co.za</a>		

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as **Appendix 4**. If the applicant is not the owner or person in control of the land, proof of notice to the landowner or person in control of the land on which the activity is to be undertaken must be submitted in **Appendix 4**.

Identified Competent Authority to consider the application:	Department of Environmental Affairs (National)
Reason(s) in terms of S 24C of NEMA 1998 as amended	Eskom is a State-Owned Company and, therefore, all applications for environmental authorisation must be considered by the National Department of Environmental Affairs

#### 4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP:	Dr R-D Heinsohn		
Professional affiliation/registration:	SACNASP Professional Natural Scientist Reg. 400442/04 Certified Environmental Assessment Practitioner with the Interim Certification Board for Environmental Assessment Practitioners of South Africa		
Contact person (if different from EAP):	Dr R-D Heinsohn		
Company:	ACER (Africa) Environmental Management Consultants		
Physical address:	26 Hely Hutchinson Street, Mtunzini		
Postal address:	PO Box 503, Mtunzini		
Postal code:	3867	Cell:	083 626 5772
Telephone:	035 340 2715	Fax:	035 340 2232
E-mail:	<a href="mailto:dieter.heinsohn@acerafrica.co.za">dieter.heinsohn@acerafrica.co.za</a>		

If an EAP has not been appointed please ensure that an independent EAP is appointed as stipulated by Regulation 16 of GN R.543, dated June 2010, prior to the commencement of the process. The declaration of independence and the Curriculum Vitae (indicating the experience with environmental impact assessment and the relevant application processes) of the EAP must also be submitted to the Department.

#### 5. SITE DESCRIPTION

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

Province	KwaZulu-Natal
District Municipality	Umgungundhlovu District Municipality
Local Municipality	Mkhambathini Local Municipality Mzunduzi Local Municipality
Ward number(s)	Ward 3 - Mkhambathini Local Municipality Ward 37 – Mzunduzi Local Municipality
Nearest town(s)	Camperdown
Farm name(s) and number(s)	Lange Hoop 1032 FT (Sub-station site; see list for transmission lines in Appendix 5)
Portion number(s)	Portion 23

SG 21 Digit Code(s)

(If there are more than 4, please attach a list with the rest of the codes as **Appendix 5**)

[This is for the proposed sub-station site; see list for transmission lines in Appendix 5]

N	0	F	T	0	0	0	0	0	0	0	0	1	0	3	2	0	0	0	2	3
1	2			3			4					5								

Are there any other applications for Environmental Authorisation on the same property?		<input checked="" type="checkbox"/>	NO
If YES, please indicate the following:			
Competent Authority	N/A		
Reference Number	N/A		
Project Name	N/A		
Please provide details of the steps taken to ascertain this information:			
N/A			

## 6. ACTIVITIES TO BE AUTHORISED

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 indicated.

Detailed description of listed activities associated with the project	
Listed activity as described in GN R.544, 545 and 546	Description of project activity that triggers listed activity – if activities in GN R. 546 are triggered, indicate the triggering criteria as described in the second column of GN R. 543
GN R. 544, 18 June 2010, 11(xi)	The project entails the construction of a sub-station and power line infrastructure including towers and access roads in excess of 50 m <sup>2</sup> in size potentially within watercourses or within 32 m from watercourses
GN R. 544, 18 June 2010, 13	The project entails the construction of a new sub-station, including storage facilities for oil. Based on initial concept designs, storage facilities will have a capacity of ≥ 80 m <sup>3</sup> but not exceeding 500 m <sup>3</sup>
GN R. 544, 18 June 2010, 18(i)	During construction, the work will involve the disturbance of watercourses by the dredging and removal of soil and rock material of more 5 m <sup>3</sup> from a watercourse. The work will also involve infilling and stabilisation
GN R. 544, 18 June 2010, 22	A tarred access road with a total width, shoulder to shoulder, of approximately 9 m. The length is estimated to be approximately 750 m. Tracks across the veld will be required to access the transmission line towers
GN R. 545, 18 June 2010, 8	The project entails the construction of a new sub-station, outside an urban area, with a capacity of 765 kV. The project also entails the construction of 2 x 400 kV double circuit transmission lines
GN R. 545, 18 June 2010, 15	The project entails the construction of a new sub-

	station with a site footprint of approximately 100 ha and a sub-station footprint of approximately 50-60 ha
GN R. 546, 18 June 2010, 3 (a)(ii)(gg)	The project entails the construction of a new sub-station, including a telecommunications tower, where (i) the mast will be placed on a site not previously used for telecommunications purposes and (ii) the height of the mast is expected to exceed 15 m, and will be within 5 kilometres of a protected area
GN R. 546, 18 June 2010, 4 (a)(ii)(gg)	The project entails the construction of a 765/400 kV sub-station and 2 x 400 kV double circuit transmission lines. Eskom will require an access road for construction and operation. It is anticipated that the access road will be wider than 4 m and will be within 5 kilometres of a protected area
GN R. 546, 18 June 2010, 10	The project entails the construction of a new sub-station, including storage facilities for oil. Based on initial concept designs, storage facilities may have a capacity of $\geq 30 \text{ m}^3$ but $\leq 80 \text{ m}^3$
GN R. 546, 18 June 2010, 12(a)	The project entails the removal of indigenous vegetation for the sub-station site and transmission line servitudes. Based on initial concept designs, 300 m <sup>2</sup> or more of indigenous vegetation will be removed
GN R. 546, 18 June 2010, 13 (c) (ii) (ff)	The project entails the removal of indigenous vegetation for the sub-station site and transmission line servitudes. Based on initial concept designs, 1 ha or more of indigenous vegetation will be removed
GN R. 546, 18 June 2010, 14(a)	The project entails the removal of indigenous vegetation for the sub-station site and transmission line servitudes. Based on initial concept designs, 5 ha or more of indigenous vegetation will be removed
GN R. 546, 18 June 2010, 16(iv) (ii) (hh)	The project entails the construction of a sub-station and power line infrastructure including towers and access roads in excess of 10 m <sup>2</sup> in size, potentially within watercourses or within 32 m from watercourses and will be within 5 kilometres of a protected area

Please note that any authorisation that may result from this application will only cover activities specifically applied for. Co-ordinate points indicating the location of each listed activity must be provided with the relevant report (i.e. either BAR or EIR).

Please provide a project map indicating any sensitive areas (e.g. critical biodiversity area, World Heritage Site, etc.) overlaid by the study area in **Appendix 6**.

A project schedule, indicating the different phases and timelines of the project, must be attached as **Appendix 7**.

## 7. PUBLIC PARTICIPATION

Provide details of the public participation process proposed for the application as required by Regulation 54(2) of GN R. 543, dated June 2010.

Comprehensive public participation will be undertaken comprising the following key elements.
<u>During Scoping</u>
<input type="checkbox"/> Landowner notifications <input type="checkbox"/> Key stakeholder engagement <input type="checkbox"/> Project announcement (advertisements, letters and a background information document/detailed letter introducing the project and providing background information) <input type="checkbox"/> Consultation (one on one and focus group meetings) <input type="checkbox"/> Creation of a stakeholder data base on which all engagement is recorded <input type="checkbox"/> Production of a Comments and Responses Report <input type="checkbox"/> Public review of the draft Scoping Report, inclusive of a public open day <input type="checkbox"/> Stakeholder feedback letter
<u>During the Impact Assessment</u>
<input type="checkbox"/> Stakeholder feedback letter <input type="checkbox"/> Consultation (one on one and focus group meetings) <input type="checkbox"/> On-going data base maintenance and updating of the Comments and Responses Report (using the outcomes of the specialist studies, as integrated within the environmental assessment process) <input type="checkbox"/> Public review of the draft Environmental Impact Assessment Report, inclusive of a public open day
<u>On receipt of the Environmental Authorisation</u>
<input type="checkbox"/> Announce the Environmental Authorisation in the public domain (advertisements and letters), inclusive of the appeal process

## 8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
<b>SEMAs</b>				
National Environmental Management: Air Quality Act	■	NO	YES	NO
National Environmental Management: Biodiversity Act	■	NO	YES	NO
National Environmental Management: Integrated Coastal Management Act	■	NO	YES	NO
National Environmental Management: Protected Areas Act	■	NO	YES	NO
National Environmental Management: Waste Act	■	NO	YES	NO
<b>National legislation</b>				
Mineral Petroleum Development Resources Act	■	NO	YES	NO
National Water Act	YES	■	■	NO
National Heritage Resources Act	■	NO	■	NO
Others: Please specify KwaZulu-Natal Heritage Act (2008)	YES	■	■	NO

If authorisation is necessary in terms of the National Environmental Management: Waste Act, please contact the Department for guidance on the **Integrated Permitting System**.

**9. LIST OF APPENDICES**

		<b>SUBMITTED</b>	
Appendix 1	Proof of Payment	■	N/A
Appendix 2	Strategic Infrastructure Projects	YES	■
Appendix 3	List of Local Municipalities (with contact details)	YES	■
Appendix 4	List of land owners (with contact details) and proof of notification of land owners.	YES	■
Appendix 5	List of SGIDs	YES	■
Appendix 6	Project map with sensitive environments indicated	YES	■
Appendix 7	Project schedule	YES	■
Appendix 8	Declaration of Applicant	YES	■
Appendix 9	Declaration of EAP	YES	■
Appendix 10	Motivation to investigate only one sub-station site	YES	■

**APPENDIX 1**  
**PROOF OF PAYMENT/ MOTIVATION FOR EXCLUSION**

Eskom is a State-Owned Company exempt from paying application fees.

APPENDIX 2  
STRATEGIC INFRASTRUCTURE PROJECTS

[REDACTED]	

<p>[REDACTED]</p>	
<p>[REDACTED]</p>	
<p><b>SIP 10: Electricity transmission and distribution for all</b>  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.</p>	
<p>[REDACTED]</p>	

[REDACTED]	
[REDACTED]	
[REDACTED]	
[REDACTED]	

**APPENDIX 3 (IF APPLICABLE)  
LIST OF LOCAL MUNICIPALITIES**

**For Sub-station and 2 x 400 kV double circuit transmission lines**

Local municipality	Mkhambathini Local Municipality (Umgungundlovu District Municipality)		
Contact person:	Sonja Britz/Elaine Donaldson (Planning Department)		
Postal address:	Private Bag X04, Camperdown		
Postal code:	3720	Cell:	
Telephone:	031 785 9300	Fax:	031 785 1463
E-mail:	<a href="mailto:elaind4@gmail.com">elaind4@gmail.com</a> <a href="mailto:ssbritz@gmail.com">ssbritz@gmail.com</a>		

**For 2 x 400 kV double circuit transmission lines depending on alignment**

Local municipality	Mzunduzi Local Municipality (Umgungundlovu District Municipality)		
Contact person:	Mr Atkins Khoali (Planning and Development)		
Postal address:	Private Bag X321 Pietermaritzburg		
Postal code:	3200	Cell:	083 707 4739
Telephone:	033 392 2135	Fax:	033 392 2576
E-mail:	<a href="mailto:nyakane.khoali@msunduzi.gov.za">nyakane.khoali@msunduzi.gov.za</a>		

**APPENDIX 4  
LIST OF LAND OWNERS  
PROOF OF NOTIFICATION OF LAND OWNERS**

The landowner of the proposed sub-station site has been notified as per the attachment. It is not feasible to notify the other landowners who may be affected by the proposed transmission lines as, at this stage, a 2 km wide corridor outside the current VSHA corridor is being considered along with the portion of the authorised VSHA corridor. All landowners within this entire Isundu Sub-station study area will be identified and will form part of the public participation process. Proposed routes for the transmission lines will be investigated within this study area and recommended as part of this assessment. Following receipt of an Environmental Authorisation, negotiations between Eskom and the landowners will take place on the final alignment of the transmission lines.

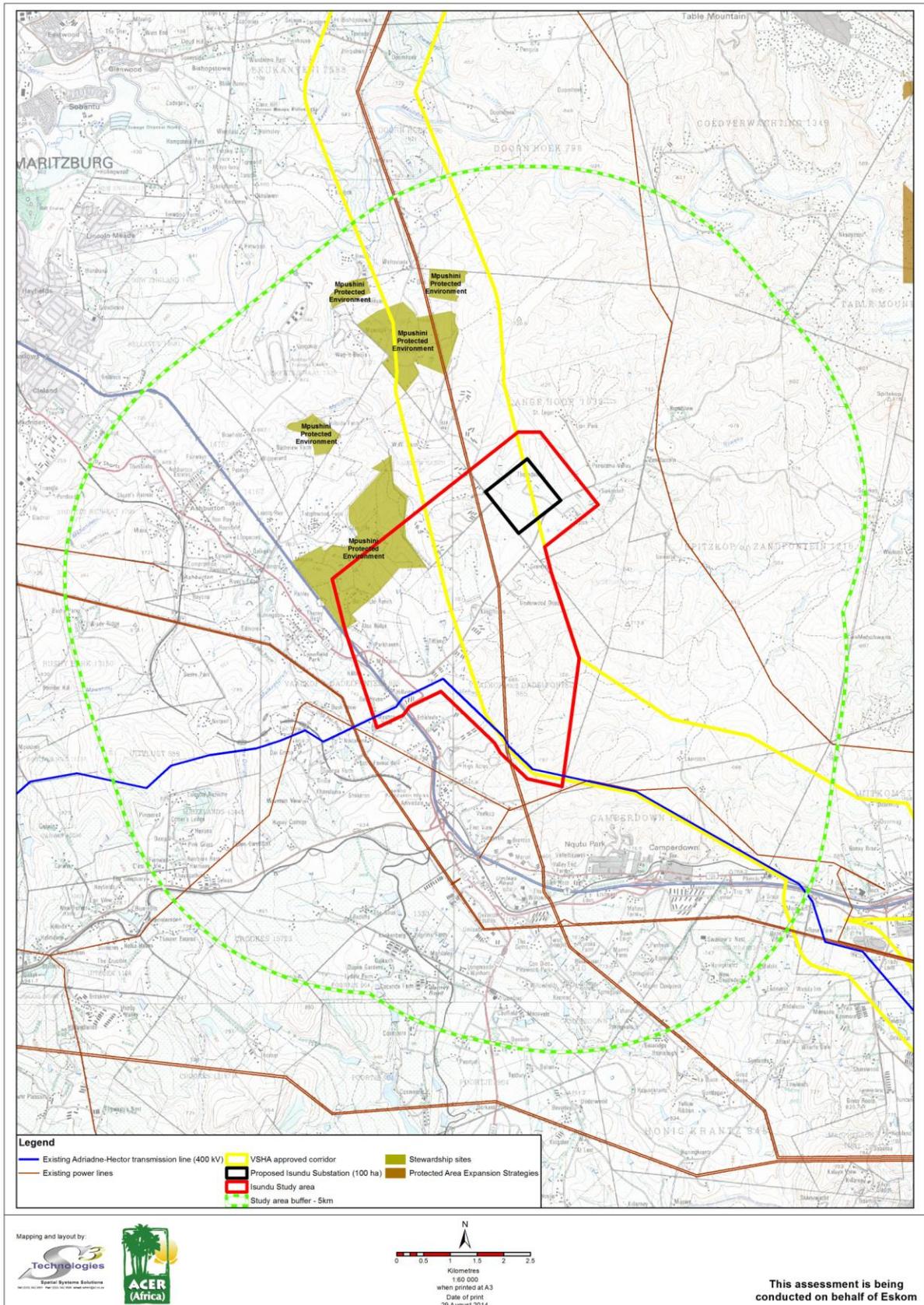
**APPENDIX 5 (IF APPLICABLE)  
LIST OF SGIDS**

<b>SG_CODE</b>	<b>FARM_NO</b>	<b>PORTION</b>	<b>MAJ_REGION</b>	<b>FARM_NAME</b>
NOFT0000000088500000	885	0	FT	
NOFT0000000088500022	885	22	FT	
NOFT0000000088500052	885	52	FT	
NOFT0000000088500181	885	181	FT	VAALKOP AND DADEL FONTEIN
NOFT0000000088500182	885	182	FT	VAALKOP AND DADEL FONTEIN
NOFT0000000088500183	885	183	FT	VAALKOP AND DADEL FONTEIN
NOFT0000000088500184	885	184	FT	VAALKOP AND DADEL FONTEIN
NOFT0000000088500185	885	185	FT	VAALKOP AND DADEL FONTEIN
NOFT0000000088500186	885	186	FT	VAALKOP AND DADEL FONTEIN
NOFT0000000088500187	885	187	FT	VAALKOP AND DADEL FONTEIN
NOFT0000000088500195	885	195	FT	
NOFT0000000088500196	885	196	FT	
NOFT0000000088500224	885	224	FT	
NOFT0000000088500228	885	228	FT	
NOFT0000000088500230	885	230	FT	
NOFT0000000088500231	885	231	FT	
NOFT0000000088500232	885	232	FT	
NOFT0000000088500234	885	234	FT	
NOFT0000000088500235	885	235	FT	
NOFT0000000088500239	885	239	FT	
NOFT0000000088500253	885	253	FT	
NOFT0000000088500280	885	280	FT	
NOFT0000000088500291	885	291	FT	
NOFT0000000088500297	885	297	FT	
NOFT0000000088500298	885	298	FT	
NOFT0000000088500299	885	299	FT	
NOFT0000000088500309	885	309	FT	VAALKOP AND DADEL FONTEIN
NOFT0000000088500313	885	313	FT	
NOFT0000000088500314	885	314	FT	
NOFT0000000088500315	885	315	FT	
NOFT0000000088500316	885	316	FT	
NOFT0000000088500335	885	335	FT	
NOFT0000000088500336	885	336	FT	
NOFT0000000088500337	885	337	FT	
NOFT0000000088500338	885	338	FT	
NOFT0000000088500339	885	339	FT	
NOFT0000000088500340	885	340	FT	
NOFT0000000088500347	885	347	FT	
NOFT0000000088500348	885	348	FT	
NOFT0000000088500349	885	349	FT	
NOFT0000000088500350	885	350	FT	
NOFT0000000088500351	885	351	FT	
NOFT0000000088500352	885	352	FT	

SG_CODE	FARM_NO	PORTION	MAJ_REGION	FARM_NAME
NOFT00000000088500354	885	354	FT	
NOFT00000000088500355	885	355	FT	
NOFT00000000088500356	885	356	FT	
NOFT00000000088500358	885	358	FT	
NOFT00000000088500363	885	363	FT	
NOFT00000000088500368	885	368	FT	
NOFT00000000088500369	885	369	FT	VAALKOP AND DADEL FONTEIN
NOFT00000000088500371	885	371	FT	
NOFT00000000088500372	885	372	FT	VAALKOP AND DADEL FONTEIN
NOFT00000000088500374	885	374	FT	
NOFT00000000088500409	885	409	FT	VAALKOP AND DADEL FONTEIN
NOFT00000000088500411	885	411	FT	VAALKOP AND DADEL FONTEIN
NOFT00000000088500420	885	420	FT	VAALKOP AND DADEL FONTEIN
NOFT00000000088500421	885	421	FT	VAALKOP AND DADEL FONTEIN
NOFT00000000088500573	885	573	FT	
NOFT00000000088500574	885	574	FT	VAALKOP AND DADEL FONTEIN
NOFT00000000088500582	885	582	FT	
NOFT00000000088500583	885	583	FT	
NOFT00000000088500585	885	585	FT	VAALKOP AND DADEL FONTEIN
NOFT00000000088500595	885	595	FT	
NOFT00000000088500596	885	596	FT	
NOFT00000000088500599	885	599	FT	
NOFT00000000088500600	885	600	FT	
NOFT00000000088500601	885	601	FT	
NOFT00000000088500603	885	603	FT	
NOFT00000000088500604	885	604	FT	
NOFT00000000088500605	885	605	FT	
NOFT00000000088500617	885	617	FT	
NOFT00000000088500629	885	629	FT	
NOFT00000000088500630	885	630	FT	
NOFT00000000088500638	885	638	FT	
NOFT00000000088500650	885	650	FT	
NOFT00000000088500651	885	651	FT	
NOFT00000000088500652	885	652	FT	
NOFT00000000088500655	885	655	FT	
NOFT00000000088500656	885	656	FT	
NOFT00000000088500710	885	710	FT	
NOFT00000000088500733	885	733	FT	
NOFT00000000088500734	885	734	FT	
NOFT00000000088500736	885	736	FT	
NOFT00000000088500737	885	737	FT	
NOFT00000000088500738	885	738	FT	
NOFT00000000088500739	885	739	FT	
NOFT00000000088500741	885	741	FT	
NOFT00000000088500743	885	743	FT	

SG_CODE	FARM_NO	PORTION	MAJ_REGION	FARM_NAME
N0FT00000000088500744	885	744	FT	
N0FT00000000088500745	885	745	FT	
N0FT00000000088500746	885	746	FT	
N0FT00000000088500747	885	747	FT	
N0FT00000000088500751	885	751	FT	
N0FT00000000088500752	885	752	FT	
N0FT00000000088500753	885	753	FT	
N0FT00000000088500757	885	757	FT	
N0FT00000000088500761	885	761	FT	
N0FT00000000088500885	885	885	FT	
N0FT00000000103200007	1032	7	FT	LANGE HOOP
N0FT00000000103200008	1032	8	FT	LANGE HOOP
N0FT00000000103200011	1032	11	FT	LANGE HOOP
N0FT00000000103200017	1032	17	FT	LANGE HOOP
N0FT00000000103200019	1032	19	FT	LANGE HOOP
N0FT00000000103200023	1032	23	FT	LANGE HOOP
N0FT00000000103200025	1032	25	FT	
N0FT00000000103200026	1032	26	FT	
N0FT00000000121600001	1216	1	FT	SPITZKOP OR ZAND FONTEIN
N0FT000000001476700000	14767	0	FT	RAINBOW RANCH
N0FT000000001509900000	15099	0	FT	UNIVERSE

## APPENDIX 6 PROJECT MAP WITH SENSITIVE ENVIRONMENTS INDICATED



**APPENDIX 7  
PROJECT SCHEDULE**

Please see the attached Gantt chart. Key dates are listed below:

<b>No</b>	<b>Estimated Dates</b>	<b>Task</b>
1	24 Sept – 4 November 2014	Initial Project Announcement Comment Period
2	12 January 2015	Announce Draft Scoping Report
3	25 March 2015	Final Scoping Report submitted to DEA
4	29 June – 11 August 2015	Public Review of DEIAR
5	16 September 2015	Final EIAR and EMP <sub>r</sub> submitted to DEA

## APPENDIX 8 DECLARATION OF THE APPLICANT

1. I, \_\_\_\_\_ declare that I -
- am, or represent<sup>1</sup>, the applicant in this application;
  - have appointed / will appoint (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / will obtain exemption from the requirement to obtain an environmental assessment practitioner<sup>2</sup>;
  - will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
  - 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 environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
    - 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;
  - will ensure that the environmental assessment practitioner is competent to comply with the requirements of the Regulations and will take reasonable steps to verify that the EAP
    - know the Act and the regulations, and how they apply to the proposed development
    - know any applicable guidelines
    - perform the work objectively, even if the findings do not favour the applicant
    - disclose all information which is important to the application and the proposed development
    - have expertise in conducting environmental impact assessments
    - complies with the Regulations
  - 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;
  - am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
  - hereby indemnify the Government of the Republic, 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 environmental assessment practitioner is responsible for in terms of these Regulations;
  - 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;
  - will perform all other 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 realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

---

<sup>1</sup> If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

<sup>2</sup> 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.

---

Signature<sup>3</sup> of the applicant<sup>4</sup>/ Signature on behalf of the applicant:

---

Name of company (if applicable):

---

Date:

---

<sup>3</sup> Only original signatures will be accepted. No scanned, copied or faxed signatures will be accepted.

<sup>4</sup> If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority. An ÉAP may not sign on behalf of an applicant.

**APPENDIX 9  
DECLARATION OF THE EAP**

I, R-D Heinsohn declare that –

General declaration:

- I act as the independent environmental practitioner in this application
- 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 declare that there are no circumstances that may compromise my objectivity in performing such work;
- 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 take into account, to the extent possible, the matters listed in regulation 8 of the Regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- 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;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 71 of the Regulations and is punishable in terms of section 24F 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:~~

Not Applicable

---

---

---

---

---

Signature of the environmental assessment practitioner:

ACER (Africa) Environmental Management Consultants

---

Name of company:

---

Date:

**APPENDIX 10**  
**MOTIVATION TO INVESTIGATE ONLY ONE SUB-STATION SITE**