

## RESPONSE REQUIRED IN TERMS OF

### DEVELOPMENT PERMIT FORM NID (Needs and desirability)

In terms of the KwaZulu Natal Heritage Act No. 4 of 2008 and the National Heritage Resources Act No.25 of 1999 (Section 38 (1)), a permit is required to carry out certain listed Activities.

It is an offence in terms of section 34 of the KwaZulu Natal Heritage Act, to make false statement or fail to provide required information in this application.

LL APPLICATION FORMS AND PROOF OF PAYMENT ARE TO BE FORWARDED TO:

AMAFA KWAZULU NATAL, ARCHAEOLOGY DEPARTMENT, 195  
LANGALIBALELE STREET,  
PIETERMARITZBURG, 3201/ BOX 2685 PIETERMARITZBURG 3200.

Kindly note that:

1. The Audit process requires that hard copies of this and all subsequent documentation be submitted.
2. Kindly note that with effect from 1st of April 2010 an application fee will be charged for Needs & Desirability applications and Permit applications. This fee may be reviewed annually.
3. Incomplete applications will not be processed.
4. All information filled in on this form will become public information on receipt by this department. Any interested and affected party can be provided with information contained in this application on request, during any stage of the application process.
5. One Printed Copy (not faxed) and one electronic copy is required to be submitted.

#### SUBMISSION FEES

Regulations make provision for the agency to charge a submission fee. An administration fee of **R600.00** is payable to **Amafa aKwaZulu Natali** by postal order or bank deposit / EFT prior to the processing of this application. Banking Details in case of direct deposits:

**ABSA BANK:** Branch: ULUNDI

Bank Code: 630330 Account in the name of AMAFA AKWAZULU- NATALI

**Account No. 40-5935-6024**

**NB:** Proof of payment to be forwarded (faxed, posted or delivered) to Amafa, to be referenced.

**Applicants Name, Project, Date.** Eg Smith. Beach Sands1, 12/05/2011.

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### OFFICE USE.

AMAFA ID \_\_\_\_\_

FILE REFERENCE \_\_\_\_\_

EIA NUMBER (if applicable) \_\_\_\_\_

DATE RECEIVED \_\_\_\_\_

DATE ONSIDERED \_\_\_\_\_

FILTER COMMITTEE RECOMMENDATION

APPLICATION PAYMENT CONFIRMATION

### APPLICANTS DETAILS

Applicant Name (Company/institution/individual):	Eskom Holdings SOC Ltd
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Contact Person:	Archibold Mogokonyane
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Telephone/Fax No.:	011 800 3778
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Email:	MogokoA@eskom.co.za
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### DEVELOPMENT DETAILS

Project Title:	<b>Eskom Northern Kwa-Zulu Natal Strengthening (Distribution Powerlines)</b>
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#### Project Description:

Eskom are considering six (6) 132 kV distribution powerlines which will enter and leave the proposed Iphiva substation in various directions. The routing options are as follows:

- 1. Iphiva- Pongola 2 - 132 kV powerline
- 2. Iphiva/Makhathini 132 kV powerline (may be double circuit with Iphiva/Mbazwane)
- 3. Iphiva/Mbazwane 132 kV powerline (may be double circuit with Iphiva/Makhathini)
- 4. Iphiva/Pongola 132 kV 1 powerline to tie into existing line (may be double circuit with Iphiva/Hluhluwe)
- 5. Iphiva/Hluhluwe 132 kV powerline to tie into exiting line (may be double circuit with Iphiva/Pongola 1)
- 6. 132 kV powerline loop-In line to Candover Substation from existing Impala/Pongola Line. This line is temporary and will be removed once the Iphiva Substation and new powerlines are commissioned.

The powerlines will total 165 km. The EA application will take into account corridors of 500 m

within which the distribution powerlines will include a servitude of 36 m.

Extent of Development Footprint (in m<sup>2</sup>): **165 km (linear)**

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BID	SCOPING (d)	SCOPING (f)	BAR	EMP	ROD
	<b>X</b>				

**Nature of Development: (please tick the appropriate box)**

1	Construction of a <b>road exceeding 300 m</b> in length	<b>X</b>
2	Construction of a <b>wall exceeding 300 m</b> in length	
3	Construction of a <b>power line exceeding 300 m</b> in length	<b>X</b>
4	Construction of a <b>pipeline or trench exceeding 300 m</b> in length	
5	Construction of a <b>canal exceeding 300 m</b> in length	
6	Other similar form of <b>linear development exceeding 300 m</b> in length	
7	Construction of a <b>bridge or similar structure exceeding 50 m</b> in length	
8	Any development <b>exceeding 5 000 m<sup>2</sup></b> in extent any other category of development provided for in regulations	
9	Other activity which will <b>change the character of an area of land, or water exceeding 10 000 m<sup>2</sup></b> in extent	
10	Any development involving <b>three or more existing erven</b> or subdivisions thereof	
11	any development, or other activity involving <b>three or more existing erven or subdivisions</b>	
12	any development, or other activity involving <b>three or more existing erven or subdivisions which have been consolidated within the past five years</b>	
13	any development, or other activity the costs of which will exceed a sum set in terms of regulations	
14	Rezoning of a site exceeding 10 000 m <sup>2</sup>	

To your knowledge, will the Development impact on a heritage resource protected in terms of Sections 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43 of the KZN Heritage Act, or is the development located in the vicinity of any of the above. If yes, explain.

A desktop review concerning the applicable study area and immediate surrounds suggests that heritage resources within the region comprise Historical Built Structures, Burial Grounds and Graves and Late Farming Community and palaeontological heritage. Resources attributed to the Middle and Later Stone Age, Battlefields and Monuments and Memorials are rare but have been identified within the general area.

Eskom are currently applying for Environmental Authorisation of a large areal extent, within which they will finalise the placement of infrastructures and routes for the proposed powerlines after authorisation. To this end, a high-level survey was conducted in May of 2017 to identify potential impacts on heritage resources. As a condition of approval, Eskom will undertake a more detailed, targeted Heritage Assessment for the finalised development footprint.

The large extent of the application area means that the list of relevant 1: 10 000 is fairly excessive and have been excluded in this application for the sake of brevity. They can be made available if necessary, or will be attached to the Heritage Impact Assessment (HIA) of the specific development footprint.

District Municipality / Metro	Umkhanyakude District and Zululand District
Local Municipality	Jozini Local Municipality, Nongoma Local Municipality and UPhongolo Local Municipality
Traditional authority(if applicable)	Mandlakazi
Town / Area	Mkuze

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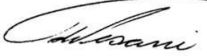
<b>Property Description (Erf, Lot, Portion, Farm)</b>	<b>SEE APPENDIX A</b>				
Co-ordinates. (Provide either Decimal or DD MM SS ss)  Decimal e.g. 28,5075 S 31, 23456 E  DDMMSSss 28.30 ' 45,12	<b>SOUTH (X) SEE APPENDIX B</b>				
	Decimal Degrees				
	Or Degrees		Minutes		Seconds
	<b>EAST (Y)</b>				
	Decimal Degrees				
	Or Degrees		Minutes		Seconds
1: 50 000 sheet	2731BC Pongola 2731DA Magudu 2731DB Nkonkoni 2732CA Ubombo				
1: 10 000 orthosheet (If applicable?)	Not attached				

<b>APPLICANT'S CHECKLIST</b>	<b>Y</b>	<b>N</b>
<b>Completed &amp; Signed Application Forms</b>	<b>X</b>	
<b>Site Photographs</b>	<b>X</b>	
<b>1:50 000 Topographical / Aerial Photo Map</b>	<b>X</b>	
<b>Payment/ Proof of Payment</b>	<b>X</b>	

Payment - postal order		Bank deposited		Internet banking/EFT	<b>X</b>
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## Declaration

I, Justin du Piesanie undertake strictly to observe the terms, conditions, restrictions, by-laws and directions under which the Council of *Amafa aKwaZulu-Natali* may issue the permit.

Signature 	Place	Bryanston, Johannesburg
	Date	8 June 2018

**NB:  
APPLICATIONS SUBMITTED WITH INCOMPLETE FORMS WILL NOT BE CONSIDERED**

**APPENDIX A: Property Description**

<b>Farm Name</b>	<b>Farm Portion</b>	<b>SG Code</b>
PONGOLA 594	2/594	NOHU0000000005940002
PONGOLA 602	RE/602	NOHU0000000006020000
PONGOLA 603	RE/603	NOHU0000000006030000
PONGOLA 606	RE/606	NOHU0000000006060000
PONGOLA 61 635	1/635	NOHU0000000006350001
LELIESHOEK 730	42/730	NOHU0000000007300042
LELIESHOEK 730	45/730	NOHU0000000007300045
BOSVELD 745	8/745	NOHU0000000007450008
LELIESHOEK 746	RE/746	NOHU0000000007460000
LELIESHOEK 746	1/746	NOHU0000000007460001
DORINGBOS 753	6/753	NOHU0000000007530006
DORINGBOS 753	8/753	NOHU0000000007530008
DORINGBOS 753	9/753	NOHU0000000007530009
DORINGBOS 753	18/753	NOHU0000000007530018
DORINGBOS 753	24/753	NOHU0000000007530024
ISLEWORTH 772	RE/772	NOHU0000000007720000
ISLEWORTH 772	2/772	NOHU0000000007720002
KONKONI 773	RE/773	NOHU0000000007730000
MAGUT 818	8/818	NOHU0000000008180008
MAGUT 818	30/818	NOHU0000000008180030
MAGUT 818	66/818	NOHU0000000008180066
MAGUT 818	67/818	NOHU0000000008180067
MAGUT 818	68/818	NOHU0000000008180068
MAGUT 818	70/818	NOHU0000000008180070
MAGUT 818	90/818	NOHU0000000008180090
MAGUT 818	100/818	NOHU0000000008180100
MAGUT 818	105/818	NOHU0000000008180105
CLERKNESS 13459	RE/13459	NOHU0000000134590000
CLERKNESS 13459	1/13459	NOHU0000000134590001
BORKUM 13779	RE/13779	NOHU0000000137790000
BORKUM 13779	1/13779	NOHU0000000137790001
RESERVE NO 12 15832	RE/9/15832	NOHU0000000158320009
GAGU 17281	RE/17281	NOHU0000000172810000
AVONDSTOND 581	RE/1/581	NOHV0000000005810001
AVONDSTOND 581	RE/2/581	NOHV0000000005810002
MORGENSTOND 598	RE/598	NOHV0000000005980000
EBUHLENI 13029	RE/4/13029	NOHV0000000130290004
HARLINGEN 13433	RE/13433	NOHV0000000134330000
HARLINGEN 13433	RE/13433	NOHV0000000134330000
HARLINGEN 13433	3/13433	NOHV0000000134330003
HARLINGEN 13433	4/13433	NOHV0000000134330004
ALKMAAR 13434	RE/13434	NOHV0000000134340000

<b>Farm Name</b>	<b>Farm Portion</b>	<b>SG Code</b>
BLACKIE 13435	RE/13435	NOHV00000001343500000
GUMBI NO 2 18677	RE/18677	NOHV00000001867700000



**APPENDIX B: Co-ordinates**

<b>Distribution Line</b>	<b>Latitude</b>	<b>Longitude</b>
Alternative Route for Iphiva/Mbazwana and Iphiva/Makhithini Double Circuit Line	27° 36' 46.370" S	32° 1' 32.240" E
Alternative Route for Iphiva/Mbazwana and Iphiva/Makhithini Double Circuit Line	27° 35' 56.200" S	32° 1' 4.760" E
Alternative Route for Iphiva/Mbazwana and Iphiva/Makhithini Double Circuit Line	27° 34' 32.470" S	32° 0' 44.700" E
Alternative Route for Iphiva/Mbazwana and Iphiva/Makhithini Double Circuit Line	27° 33' 47.600" S	31° 59' 57.800" E
Alternative Route for Iphiva/Mbazwana and Iphiva/Makhithini Double Circuit Line	27° 33' 40.010" S	32° 0' 0.430" E
Alternative Route for Iphiva/Mbazwana and Iphiva/Makhithini Double Circuit Line	27° 32' 54.110" S	31° 59' 12.770" E
Iphiva / Mbazwane and Iphiva / Makhathini Double Circuit Line	27° 39' 7.000" S	31° 56' 13.000" E
Iphiva / Mbazwane and Iphiva / Makhathini Double Circuit Line	27° 38' 39.230" S	31° 57' 42.820" E
Iphiva / Mbazwane and Iphiva / Makhathini Double Circuit Line	27° 38' 42.480" S	31° 57' 45.170" E
Iphiva / Mbazwane and Iphiva / Makhathini Double Circuit Line	27° 38' 46.540" S	31° 58' 18.210" E
Iphiva / Mbazwane and Iphiva / Makhathini Double Circuit Line	27° 38' 31.700" S	31° 59' 16.180" E
Iphiva / Mbazwane and Iphiva / Makhathini Double Circuit Line	27° 38' 28.770" S	32° 0' 4.020" E
Iphiva / Mbazwane and Iphiva / Makhathini Double Circuit Line	27° 37' 47.290" S	32° 1' 23.160" E
Iphiva / Mbazwane and Iphiva / Makhathini Double Circuit Line	27° 37' 40.950" S	32° 1' 19.240" E
Iphiva / Mbazwane and Iphiva / Makhathini Double Circuit Line	27° 37' 16.010" S	32° 1' 21.710" E
Iphiva / Mbazwane and Iphiva / Makhathini Double Circuit Line	27° 36' 55.680" S	32° 1' 27.700" E
Iphiva / Mbazwane and Iphiva / Makhathini Double Circuit Line	27° 36' 42.370" S	32° 1' 38.190" E
Iphiva / Mbazwane and Iphiva / Makhathini Double Circuit Line	27° 33' 54.500" S	32° 1' 51.860" E
Iphiva / Mbazwane and Iphiva / Makhathini Double Circuit Line	27° 32' 33.320" S	32° 1' 11.570" E
Iphiva / Mbazwane and Iphiva / Makhathini Double Circuit Line	27° 32' 9.060" S	32° 0' 2.500" E
Iphiva / Pongola 132 kV	27° 38' 5.366" S	32° 1' 25.554" E
Iphiva / Pongola 132 kV	27° 38' 11.767" S	32° 0' 57.434" E
Iphiva / Pongola 132 kV	27° 38' 25.264" S	32° 0' 26.521" E
Iphiva / Pongola 132 kV	27° 38' 12.106" S	32° 0' 21.958" E

Distribution Line	Latitude	Longitude
Iphiva / Pongola 132 kV	27° 38' 23.802" S	32° 0' 1.698" E
Iphiva / Pongola 132 kV	27° 38' 26.482" S	31° 59' 14.148" E
Iphiva / Pongola 132 kV	27° 38' 40.938" S	31° 58' 22.126" E
Iphiva / Pongola 132 kV	27° 38' 36.715" S	31° 58' 12.087" E
Iphiva / Pongola 132 kV	27° 38' 36.065" S	31° 57' 41.604" E
Iphiva / Pongola 132 kV	27° 38' 57.473" S	31° 56' 9.581" E
Iphiva / Pongola 132 kV	27° 39' 49.767" S	31° 55' 11.775" E
Iphiva / Pongola 132 kV	27° 40' 48.407" S	31° 50' 53.172" E
Iphiva / Pongola 132 kV	27° 40' 8.205" S	31° 49' 52.931" E
Iphiva / Pongola 132 kV	27° 39' 57.037" S	31° 48' 46.531" E
Iphiva / Pongola 132 kV	27° 37' 28.816" S	31° 44' 2.209" E
Iphiva / Pongola 132 kV	27° 37' 32.758" S	31° 43' 21.005" E
Iphiva / Pongola 132 kV	27° 37' 34.220" S	31° 43' 1.856" E
Iphiva / Pongola 132 kV	27° 37' 32.271" S	31° 43' 0.488" E
Iphiva / Pongola 132 kV	27° 35' 9.003" S	31° 41' 41.655" E
Iphiva / Pongola 132 kV	27° 31' 39.987" S	31° 39' 48.804" E
Iphiva / Pongola 132 kV	27° 31' 17.815" S	31° 39' 50.172" E
Iphiva / Pongola 132 kV	27° 29' 10.423" S	31° 38' 40.688" E
Iphiva / Pongola 132 kV	27° 27' 35.194" S	31° 38' 29.393" E
Iphiva / Pongola 132 kV	27° 26' 54.088" S	31° 38' 20.493" E
Iphiva / Pongola and Iphiva / Hluhluwe Double Circuit Line	27° 39' 12.126" S	31° 56' 12.056" E
Iphiva / Pongola and Iphiva / Hluhluwe Double Circuit Line	27° 38' 44.357" S	31° 57' 41.876" E
Iphiva / Pongola and Iphiva / Hluhluwe Double Circuit Line	27° 38' 47.606" S	31° 57' 44.226" E
Iphiva / Pongola and Iphiva / Hluhluwe Double Circuit Line	27° 38' 51.666" S	31° 58' 17.266" E
Iphiva / Pongola and Iphiva / Hluhluwe Double Circuit Line	27° 38'	31° 59'

Distribution Line	Latitude	Longitude
	36.826" S	15.236" E
Iphiva / Pongola and Iphiva / Hluhluwe Double Circuit Line	27° 38' 33.896" S	32° 0' 3.076" E
Iphiva / Pongola and Iphiva / Hluhluwe Double Circuit Line	27° 38' 3.254" S	32° 1' 1.943" E
132 kV Loop-In Line to Candover S/S from existing Iphiva to Pongola Line	27° 33' 13.000" S	31° 58' 33.900" E
132 kV Loop-In Line to Candover S/S from existing Iphiva to Pongola Line	27° 32' 54.110" S	31° 59' 12.771" E