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Aurecon Ref No: EskomPangaeKanga/BAR/ApplicationSubmission/DEA

08 August 2013

Department of Environmental Affairs
Fedsure Forum Building (corner of Pretorius and Lilian Ngoyi Streets)
2nd Floor North Tower
315 Pretorius Street
Pretoria
0002

APPLICATION FOR ENVIRONMENTAL AUTHORISATION: THE PROPOSED ESTABLISHMENT OF TWO 88kV SWITCHING STATIONS (PANGAE & KANGA) IN CONJUNCTION WITH TWO LOOP-IN, LOOP-OUT LINES FROM THE EXISTING 88Kv ERASMUS-ARBOR LINE

Dear Sir / Madam,

Please find attached Basic Assessment application form for the above mentioned project:

Please be so kind as to acknowledge successful receipt of this documentation

Kind Regards,

A handwritten signature in black ink, appearing to read "B H J Smit".

B H J Smit Pr L Arch
Technical Director
pp AURECON

A handwritten signature in black ink, appearing to read "N Whitehorn".

N Whitehorn
Project Manager



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	12/12/20/
NEAS Reference Number:	DEAT/EIA/
Date Received:	

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

PROJECT TITLE

The proposed establishment of two 88kV switching stations (Pangae & Kanga) in conjunction with two Loop-In, Loop-Out lines from the existing 88kV Erasmus-Arbor Line

Kindly note that:

1. This application form is current as of 2 August 2010. 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 may be returned to the applicant for revision.
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.
8. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should 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 must also be submitted.

Queries must be addressed to the contact hereunder:

Departmental Details

Postal address:

Department of Environmental Affairs
Attention: Director: Environmental Impact Evaluation
Private Bag X447
Pretoria
0001

Physical address:

Department of Environmental Affairs
Fedsure Forum Building (corner of Pretorius and Van der Walt Streets)
2nd Floor North Tower
315 Pretorius Street
Pretoria
0002

Queries should be directed to the Directorate: Environmental Impact Evaluation at:

Tel: 012-310-3268

Fax: 012-320-7539

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

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

PROJECT TITLE

The proposed establishment of two 88kV switching stations (Pangae & Kanga) in conjunction with two Loop-In, Loop-Out lines from the existing 88kV Erasmus-Arbor Line

1. BACKGROUND INFORMATION

Project applicant:	Eskom Holdings SOC Limited – Gauteng Operations Unit		
Trading name (if any):			
Contact person:	Emelda Malima		
Physical address:	Menlyn 4, Level 1. 1 Gobie Street Newlands 0081		
Postal address:	PO Box 36099, Menlo Park		
Postal code:	0102	Cell:	0826255641
Telephone:	0124845109	Fax:	0124213330
E-mail:	malimae@eskom.co.za		

Provincial Authority:	Refer to Annexure C for a list of Provincial Authorities		
Contact person:			
Postal address:			
Postal code:			
Telephone:			
E-mail:			

Landowner:	Refer to Annexure B for a list of Landowners		
Contact person:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

In instances where there is more than one landowner, please attach a list of landowners with their contact details to this application.

Local authority in whose jurisdiction the proposed activity will fall:	Refer to Annexure C for a list of Local Authorities		

Nearest town or districts:			
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 local authorities with their contact details to this application.

Refer to Annexure C for a list of Local Municipality Contact Details

2. ACTIVITIES APPLIED FOR TO BE AUTHORISED

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

Indicate the number and date of the relevant notice:	Activity No (s) (in terms of the relevant notice) :	Describe each listed activity as per project description ¹ :
GN No. R544	1(i)	Construction of two 88kV switching stations (Pangae & Kanga)
GN No. R544	10	Construction of two 88kV Loop-In Loop-Out Lines from the substation to the two switching stations
GN No. R544	11	Construction of two 88kV Loop-In Loop-Out Lines from the substation to the two switching stations which are in close proximity to wetlands

Please note that any authorisation that may result from this application will only cover activities specifically applied for.

2.2 A project schedule, indicating the different phases and timelines of the project, must be attached to this application form.

Refer to Annexure D for the project Schedule

3. OTHER AUTHORISATIONS REQUIRED

3.1 DO YOU NEED ANY AUTHORISATIONS IN TERMS OF ANY OF THE FOLLOWING LAWS?

3.1.1 National Environmental Management: Waste Act	Yes/No
3.1.2 National Environmental Management: Air Quality Act	Yes/No
3.1.3 National Environmental Management: Protected Areas Act	Yes/No
3.1.4 National Environmental Management: Biodiversity Act	Yes/No
3.1.5 Mineral Petroleum Development Resources Act	Yes/No
3.1.6 National Water Act	Yes/No
3.1.7 National Heritage Resources Act	Yes/No
3.1.8 Other (please specify)	Yes/No

3.2 Have such applications been lodged already? Yes/No

The Water Use License Application will be lodged with the Department of Water Affairs during the Basic Assessment Process.

¹ Please note that this description should not be a verbatim repetition of the listed activity as contained in the relevant Government Notice, but should be a brief description of activities to be undertaken as per the project description

4. DECLARATIONS

4.1 The Applicant

I, EMELDA MALIMA, declare that I -

- am, or represent², 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 practitioner³;
- 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 Environmental Impact Assessment Regulations, 2010, 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 these Regulations and will take reasonable steps to verify whether the EAP 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.

² If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

³ 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.

Randipeli

Signature of the applicant⁴/ Signature on behalf of the applicant:

ESKOM SOC

Name of company (if applicable):

06/08/2013

Date:

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

Annexure A

Surveyor General 21 Digit Codes

Annexure A - Surveyor General 21 Digit site reference numbers

Farm Name	Portion	Province	21 Digit Code
Hartbeestfontein 537 JR	RE	MP	T0JR00000000053700000
Hartbeestfontein 537 JR	5	MP	T0JR00000000053700005
Hartbeestfontein 537 JR	2	MP	T0JR00000000053700002
Dwaalfontein 565 JR	2	MP	T0JR00000000056500002
Bossemanskraal 538 JR	10	GP	T0JR000000000538000100
Bossemanskraal 538 JR	8	GP	T0JR000000000538000080
Bossemanskraal 538 JR	2	GP	T0JR000000000538000020
Bossemanskraal 538 JR	9	GP	T0JR000000000538000090
Kortfontein 530 JR	1	GP	T0JR000000000530000010
Kortfontein 530 JR	RE	GP	T0JR000000000530000000
Kortfontein 530 JR	5	GP	T0JR000000000530000050

Annexure B

List of Landowners

Farm Name	Portion	Province	21 Digit Code	Landowner	Contact Person	Postal Address	Postal Code	Cell	Tel	Fax	Email
Hartbeesfontein 537 JR	RE	MP	T0JR000000000053700000	Anglo American Inyosi Coal (Pty) Ltd	NA Nisele	PO Box 61587 Marshalltown	2107	Not Available	Not Available	Not Available	Not Available
Hartbeesfontein 537 JR	5	MP	T0JR000000000053700005	Eskom Holdings	B Mehlohlakulu	PO Box 1091 Johannesburg	2000	0860037566	0118008111	0118004299	Not Available
Hartbeesfontein 537 JR	2	MP	T0JR000000000053700002	Eskom Holdings	B Mehlohlakulu	PO Box 1091 Johannesburg	2000	0860037566	0118008111	0118004299	Not Available
Dwaalfontein 565 JR	2	MP	T0JR000000000056500002	Eskom Holdings	B Mehlohlakulu	PO Box 1091 Johannesburg	2000	0860037566	0118008111	0118004299	Not Available
Bossemanskraal 538 JR	10	GP	T0JR0000000000538000100	Topigs SA (Pty) Ltd	P Vervoort	PO Box 35492 Menlo Park	0043	Not Available	Not Available	Not Available	Not Available
Bossemanskraal 538 JR	8	GP	T0JR0000000000538000080	J Buys	J Buys	PO Box 40935 Moreleta Park	0044	0824114560	0128110820	Not Available	Not Available
Bossemanskraal 538 JR	2	GP	T0JR0000000000538000020	J.E. Kotze	J.E. Kotze	PO Box 36899 Menlo Park	0102	0824165258	0123471217	Not Available	Not Available
Bossemanskraal 538 JR	9	GP	T0JR0000000000538000090	Topigs SA (Pty) Ltd	P Vervoort	PO Box 35492 Menlo Park	0043	Not Available	Not Available	Not Available	Not Available
Korffontein 530 JR	1	GP	T0JR0000000000530000010	Van Stad Beleggings	GC Van Aswegen	Posbus 9015 Van Riebeeckp	1629	Not Available	Not Available	Not Available	Not Available
Korffontein 530 JR	RE	GP	T0JR0000000000530000000	J.E. Kotze	J.E. Kotze	PO Box 36899 Menlo Park	0102	0824165258	0123471217	Not Available	Not Available
Korffontein 530 JR	5	GP	T0JR0000000000530000050	Sharp Farming	HP Sharp	PO Box 11248 Hatfield	0028	Not Available	Not Available	Not Available	Not Available

Annexure C

Provincial Authority & Local Authority Contact Details

Annexure C

Provincial Authorities

Provincial Authority:	Department of Agriculture and Land Administration (DALA)		
Contact person:	Dr. L.B. Cele		
Postal address:	Private Bag x 4017 Kwamhlanga		
Postal code:	1022	Cell:	
Telephone:	013 947 2551	Fax:	+27 (0)13 947 2809
E-mail:	lcele@mpg.gov.za		

Provincial Authority:	Gauteng Department of Agriculture and Rural Development (GDARD)		
Contact person:	Nicolas Maisa		
Postal address:	P.O. Box 8769 Johannesburg		
Postal code:	2000	Cell:	
Telephone:	(011)240-2500	Fax:	+27 (0)13 947 2809
E-mail:	Nicky.Maisa@gauteng.gov.za		

Local municipalities/ authorities

Local authority in whose jurisdiction the proposed activity will fall:	City of Tshwane Metropolitan Municipality (Gauteng)		
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Nearest town or districts:	Bronkhorstspuit		
Contact person:	Jeanette Ramathoka		
Postal address:	P.O. Box 1471 Bronkhorstspuit		
Postal code:	1020	Cell:	
Telephone:	(013)932-9160/1	Fax:	
E-mail:	JEANETTE.RAMATHOKA@gauteng.gov.za		

Local authority in whose jurisdiction the proposed activity will fall:	Victor Khanye Local Municipality in Nkangala District Municipality (Mpumalanga)		
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Nearest town or districts:	Middelburg		
Contact person:	Development and Planning Unit		
Postal address:			
Postal code:		Cell:	
Telephone:	013 249 2039	Fax:	013 249 2145
E-mail:	ICT@nkangaladm.gov.za		

Annexure D

Project Schedule

ID	Task Name	Task Mode	Start	Finish	Duration	May	June	July	August	September	October	November	December	January	February	March	April	May	June
1	Appointment		Tue 13/05/07	Tue 13/05/07	0 days	05/07													
2	Kusile Route Sign-Off		Wed 13/07/24	Wed 13/07/24	0 days				07/24										
3	Basic Assessment Process		Fri 13/06/14	Fri 14/05/09	214 days														
4	Pre-Application Meeting / Site Visit		Fri 13/06/14	Fri 13/06/14	1 day				07/25										
5	Submission of Application Form		Thu 13/07/25	Thu 13/07/25	0 days				08/15										
6	Authority Acknowledge & provide Reference Number		Thu 13/08/15	Thu 13/08/15	0 days														
7	Specialist Fieldwork		Fri 13/08/23	Fri 13/09/27	25 days														
8	Impact Assessment & Mitigation Planning		Fri 13/09/13	Fri 13/11/15	45 days														
9	Prepare Draft Basic Assessment Report		Fri 13/09/13	Fri 13/11/15	45 days														
10	Submit Draft Basic Assessment Report for public review		Tue 13/11/19	Tue 13/11/19	0 days														
11	Prepare & Submit Final Basic Assessment Report (based on comments received during PPP Period)		Mon 14/01/27	Fri 14/01/31	5 days														
12	Authority Review of Final Basic Assessment Report		Tue 14/02/04	Wed 14/05/07	62 days														
13	Follow up on Environmental Authorisation		Wed 14/02/05	Fri 14/05/09	63 days														
14	EA issued		Thu 14/05/08	Thu 14/05/08	0 days														
15	Public Participation Process		Fri 13/07/26	Mon 14/06/05	206 days														
16	Establish list of stakeholders / I&APs		Fri 13/07/26	Thu 13/08/01	5 days														
17	Prepare Background Information Document (BID)		Fri 13/07/26	Mon 13/08/12	11 days														
18	Advertise the proposed project		Wed 13/08/21	Wed 13/09/25	25 days														
19	Compile & keep a register of I&APs		Mon 13/08/05	Wed 13/12/11	91 days														
20	Review of Draft Basic Assessment Report by I&APs		Thu 13/11/21	Tue 14/01/21	30 days														
21	Notify I&APs of Environmental Authorisation		Mon 14/05/12	Mon 14/05/12	1 day														
22	Appeals Period (Should any I&APs appeal)		Tue 14/05/13	Mon 14/06/05	20 days														
23	Environmental Management Plan		Fri 13/09/13	Fri 13/11/15	45 days														
24	Compile Construction & Operational EMP		Fri 13/09/13	Fri 13/11/15	45 days														
25	Water Use License Application		Wed 13/07/31	Thu 13/11/21	80 days														
26	Compile WULA		Wed 13/07/31	Thu 13/11/21	80 days														

Project: Eskom Schedule (Rev 1)
Date: Wed 13/08/07

Task Mode Legend:

- Task: Solid blue bar
- Split: Dotted blue bar
- Milestone: Diamond symbol
- Summary: Thick blue bar

Task Summary Legend:

- Project Summary: Solid blue bar
- External Task: Dotted blue bar
- External Milestone: Diamond symbol
- Inactive Task: Thin blue bar

Milestone Legend:

- Inactive Milestone: Thin blue bar
- Inactive Summary: Thin blue bar
- Manual Task: Thin blue bar
- Duration-only: Thin blue bar

Summary Legend:

- Manual Summary Rollup: Thin blue bar
- Manual Summary: Thin blue bar
- Start-only: Thin blue bar
- Finish-only: Thin blue bar
- Deadline: Thin blue bar
- Progress: Thin blue bar
- Manual Progress: Thin blue bar



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

DETAILS OF EAP AND DECLARATION OF INTEREST

	(For official use only)
File Reference Number:	12/12/20/
NEAS Reference Number:	DEAT/EIA/
Date Received:	

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

PROJECT TITLE

The proposed establishment of two 88kV switching stations (Pangae & Kanga) in conjunction with two Loop-In, Loop-Out lines from the existing 88kV Erasmus-Arbor Line

Environmental Assessment Practitioner (EAP): ¹	Aurecon South Africa (Pty) Ltd		
Contact person:	Ms Natanya Whitehorn		
Postal address:	PO Box 74381 Lynnwood Ridge		
Postal code:	0040	Cell:	0822143713
Telephone:	0124273081	Fax:	0865742929
E-mail:	Natanya.whitehorn@aurecongroup.com		
Professional affiliation(s) (if any)			

Project Consultant:	Aurecon South Africa (Pty) Ltd		
Contact person:	Barend HJ Smit		
Postal address:	PO Box 74381 Lynnwood Ridge		
Postal code:	0040	Cell:	0835403661
Telephone:	0124272768	Fax:	0865560521
E-mail:	Barend.smit@aurecongroup.com		

4.2 The Environmental Assessment Practitioner

I, Natanya Whitehorn, 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 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 Environmental Impact Assessment Regulations, 2010;
- ~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~



Signature of the environmental assessment practitioner:

Aurecon SA (Pty) Ltd

Name of company:

07/08/2013

Date: