

Eskom Holdings Limited

Eskom Transmission Division

Neptune-Poseidon Southern Strengthening

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, 2005

February 2009



P.O. BOX 1673
SUNNINGHILL
2157

147 Bram Fischer Drive
FERNDAL
2194

Tel: 011 781 1730
Fax: 011 781 1731
Email: info@nema.co.za

APPLICATION FORM

(For official use only)

File Reference Number:

Application Number:

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, 2005

Kindly note that:

1. This application form is current as of 1 July 2006. It is the responsibility of the EAP 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. It is in the form of a table that can extend itself as 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 "not applicable" in the form must be done with circumspection as if it is used in respect of material information that is required by the competent authority for assessing the application, and 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 each authority.
7. No faxed or e-mailed applications will be accepted.
8. The application must be completed by an independent environmental practitioner.
9. 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.

SITE IDENTIFICATION AND LINKAGE

Please indicate all the Surveyor-general 21 digit site (erf/farm/portion) reference numbers for all sites (including portions of sites) that are part of the application.

To be included in the Scoping Report

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(if there are more than 10, please attach a list with the rest of the number)

(These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

APPLICATION FORM

1. BACKGROUND INFORMATION

Project applicant:	Eskom Holdings Limited		
Trading name (if any):	Eskom Transmission Division		
Contact person:	Mmamoloko J Seabe		
Physical address:	1 Maxwell Drive, Sunninghill, Johannesburg, 2157		
Postal address:	P.O. Box 1091, Johannesburg		
Postal code:	2001	Cell:	
Telephone:	(011) 800 2345	Fax:	(011) 800 3917
E-mail:			

Project consultant:	Nemai Consulting		
Contact person:	Donavan Henning		
Postal address:	P.O. Box 1673, Sunninghill		
Postal code:	2157	Cell:	082 809 0604
Telephone:	(011) 781 1730	Fax:	(011) 781 1731
E-mail:	donavanh@nemai.co.za		
Professional affiliation(s) (if any)			

Landowner:	<i>To be included in the Scoping Report</i>		
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 Appendix C		
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.

Project title:	Southern Region Strengthening: Construction of a 400kV power line from Neptune substation – Poseidon substation, construction of 2 x Turnings from the proposed Neptune – Poseidon power line to Pembroke substation and expansion and upgrade of Poseidon Neptune and Pembroke substations.
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Property description:	<i>To be included in the Scoping Report</i> (Farm name, portion etc.) Where a large number of properties are involved (e.g. linear activities), please attach a full list to this application.
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Town(s) or district(s):	Buffalo City Local Municipality; Ngqushwa Local Municipality; Nkonkobe Local Municipality; Nxuba Local Municipality; Blue Crane Route Local Municipality
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Physical address:	<i>To be included in the Scoping Report</i> In instances where there is more than one town or district involved, please attach a list of towns or districts to this application.
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Current land-use zoning:	<i>To be included in the Scoping Report</i> In instances where there is more than one current land-use zoning, please attach a list of current land use zonings that also indicate which portions each use pertains to this application.
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Is a change of land-use or a consent use application required?
Must a building plan be submitted to the local authority?

<input type="checkbox"/>	NO
<input type="checkbox"/>	NO

Locality map: A locality map must be attached to the back of this document, as Appendix A. The scale of the locality map must be at least 1:50 000. The scale must be indicated on the map. The map must indicate the following:

- an accurate indication of the project site position as well as the positions of the alternative sites, if any;
- road access from all major roads in the area;
- road names or numbers of all major roads as well as the roads that provide access to the site(s);
- all roads within a 1km radius of the site or alternative sites; and
- a north arrow.

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Owners consent:

In line with the requirements of the EIA regulations, letters of consent of all landowners or a detailed explanation by the applicant explaining why consent is not possible must be attached to the back of this document as Appendix B.

2. Activities applied for

An application may be made for more than one listed or specified activity that, together, make up one development proposal. All the listed activities that make up this application must be listed.

Indicate the number and date of the relevant notice:	Activity No (s) (in terms of the relevant or notice) :	Describe each listed activity:
No. R. 387 21 April 2006	1(c)	The above ground storage of dangerous goods, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of more than 1,000 m ³ at any one location or site, including the storage of one or more dangerous goods, in a tank farm.
No. R. 387 21 April 2006	1(l)	The construction of facilities or infrastructure, including associated structures or infrastructure for the transmission and distribution of above ground electricity with a capacity of 120 kilovolts or more.
No. R. 387 21 April 2006	2	Any development activity, including associated structures or infrastructure, where the total area is, or intended to be, 20 hectares or more.
No. R. 386 21 April 2006	12	The transformation or removal of indigenous vegetation of 3 hectares or more or of any size where the transformation or removal would occur within a critically endangered or an endangered ecosystem listed in terms of section 52 of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004).
No. R. 386 21 April 2006	14	The construction of masts of any material or type and of any height, including those used for telecommunication broadcasting and radio transmission.
No. R. 386 21 April 2006	15	The construction of a road that is wider than 4 meters or that has a reserve wider than 6 meters, excluding roads that fall within the ambit of another listed activity or which are access roads less than 30 metres long.
No. R. 386 21 April 2006	20	The transformation of an area zoned for use as public open space for a conservation purpose to another use.

Please note that any authorisation that may result out of this application will only cover activities applied for. Omissions may render any authorisation that is based on incomplete information to be nil and void.

3. Type of application

3.1 Application for Basic Assessment

Is this an application for conducting a basic assessment (as defined in the regulations)?

☐ YES ☒ NO

If, YES, is a basic assessment report attached?

If, NO, please indicate when the basic assessment report will be submitted:

N/A – Scoping and EIA process to be undertaken

3.2 Application for Scoping and Environmental Impact Assessment (EIA)

Is this an application for Scoping and EIA (as defined in the regulations)?

☒ YES ☐ NO

If, YES, is a Scoping Report and Plan of Study for EIA attached?

☐ YES ☒ NO

If, NO, please indicate when the Scoping Report and Plan of Study for EIA will be submitted:

To be submitted following completion of Scoping

The scoping report and/or the plan of study for EIA will be submitted after consultation with the competent authority:

☒ YES ☐ NO

A consultation with the competent authority is hereby requested:

☒ YES ☐ NO

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4. Declarations

4.1 The independent Environmental Assessment Practitioner

I, **Donavan Henning**, declare under oath that I –

- act as the independent environmental practitioner in this application ;
- do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2005;
- have and will not have no vested interest in the proposed activity proceeding;
- have no, and will not engage in, conflicting interests in the undertaking of the activity;
- undertake to disclose, to the competent authority, any material information that have or may have the potential to influence the decision of the competent authority or the objectivity of any report, plan or document required in terms of the Environmental Impact Assessment Regulations, 2005;
- 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;
- 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;
- will keep a register of all interested and affected parties that participated in a public participation process; and
- 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.


Signature of the environmental practitioner:

Nemai Consulting

Name of company:

02 March 2009

Date:

Signature of the Commissioner of Oaths:



Date:

2009-03-02

Designation: **Senior Inspector**

Official stamp (below)

HANDTERING VAN VERKLARING
I hereby declare that the declarant
erken dat hierby verklaard is met die
inhoud van die verklaring en dit bevestig.
Hierdie verklaring is bevestigingswettig
voor my en verklaar ik se handtekening/
drukskrif/merk is in my teenwoordigheid
daarop aangebring.

SIGNATURE OF DECLARANT
I certify that the declarant has
acknowledged that he/she knows
and understands the contents of
this declaration which was sworn to
affirmed before me and the declarant's
signature/initials/print/mark was placed
thereon in my presence.

VREDERECHTER JUSTICE OF THE PEACE
KOMMISSARIS VAN OATHS COMMISSIONER OF OATHS

Volle voornama en van **TEOM ELIAS**
Full first names and surname (Drukskrif/Block letters)

MASHALA

Amp (rang) **Inspector**
Designation (rank)

Besigheidsadres **BESKERMINGSDIENSTE**
Business address **MEGAWATT PARK MAXWELLRYLAAN SANDTON**
PROTECTIVE SERVICES
MAXWELL DRIVE SANDTON

Datum **2009-03-02**
Date **Place MWP**

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4.2 The Applicant

I, Mmamoloko Seabe, declare under oath that I -

- Am, or represent, the applicant in this application;
- appointed the environmental assessment practitioner as indicated under point 4.1 above to act as the independent environmental assessment practitioner for this application;
- 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, 2005, 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;
- 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 for which the applicant or environmental assessment practitioner is responsible in terms of these regulations; and
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to an appeal being decided in terms of these regulations.

Signature of the applicant:

Name of company:

Date:

Signature of the Commissioner of Oaths:

Date:

Designation:

Official stamp (below):

Date appointed: 04 September 1997
Appointment: 9/1/8/2 Kempton Park (A3)

EDMOND CECIL LENNOX
EX OFFICIO
COMMISSIONER OF OATHS
DEEDS REGISTRATION
OFFICER OF ESKOM
ESKOM
P.O. BOX 1091
JOHANNESBURG
REP. OF SOUTH AFRICA

APPENDIX **A**

Locality Map

APPENDIX B

Landowner Consent

Landowner Consent

In accordance with regulation 16(3) of Government Notice R 385 of 2006, written consent from the affected landowners is not included as the project entails a linear activity. Appropriate notice of the proposed activity will be given to the affected landowners.

APPENDIX C

Local Authority Information

Local authority in whose jurisdiction the proposed activity will fall:

Contact person:

Postal address:

Postal code:

Telephone:

E-mail:

Buffalo City Local Municipality

Vuyani Lwana (Acting Municipal Manager)

PO Box 134

East London

5200

043 705 2000

Cell:

Fax: 043 743 8568/ 043 743 1949

Local authority in whose jurisdiction the proposed activity will fall:

Contact person:

Postal address:

Postal code:

Telephone:

E-mail:

Ngqushwa Local Municipality

Mrs N.Y. Zongo (Municipal Manager)

PO Box 539

Peddie

5640

040 6733095

Cell:

Fax: 040 673 3771

makoti@ngqushwamun.co.za

Local authority in whose jurisdiction the proposed activity will fall:

Contact person:

Postal address:

Postal code:

Telephone:

E-mail:

Nkonkobe Local Municipality

Mr A. Mars (Municipal Manager)

PO Box 36

Fort Beaufort

5720

046 645 1136

Cell:

Fax: 046 645 1775

Local authority in whose jurisdiction the proposed activity will fall:

Contact person:

Postal address:

Postal code:

Telephone:

E-mail:

Nxuba Local Municipality

Mr M. Bongco (Municipal Manager)

Private Bag X350

Adelaide

5760

046 684 0034

Cell:

Fax: 046 684 1931

Local authority in whose jurisdiction the proposed activity will fall:

Contact person:

Postal address:

Postal code:

Telephone:

E-mail:

Blue Crane Route Local Municipality

Mr Mopp Mene (Municipal Manager)

67 Nonjoli Street

Somerset East

5850

042 243 1333

Cell:

Fax: 042 2430633

Mmanager@bcm.gov.za

Press Release

Issue to:

- Algoa FM
- Tru FM
- UMHLOBO WENENE

Date: To be confirmed

Subject PROPOSED NEPTUNE-POSEIDON 400 KV POWER LINE

Issued by: Nemai Consulting
Contact: Donavan Henning
Tel: (011) 781 1730
Fax: (011) 781 1731
Posal: PO Box 1673, Sunninghill, 2157
Email: donavanh@nemai.co.za

Increased demand for a reliable electricity supply in the Southern Grid has necessitated that Eskom Transmission improves the reliability and capacity of the transmission network into the area. Based on the analysis of the possible Distribution and Transmission alternatives to mitigate existing and foreseen network constraints, the Neptune-Poseidon 400 kV power line project was identified as the preferred option as part of the greater East London Strengthening scheme.

The project will entail the construction of a new 400kV line of approximately 191km length between the existing Neptune (near East London) and Poseidon (near Cookhouse) substations. The proposed alignment is situated within the existing vacant Eskom servitude between the aforementioned substations. The substations will also be expanded and upgraded to accommodate the new line. In addition, two *turn-in lines* of approximately 5km each will be constructed from the proposed Neptune-Poseidon line to the existing Pembroke substation site.

The Neptune-Poseidon 400 kV power line project requires authorisation in terms of the National Environmental Management Act (No. 107 of 1998), which will be undertaken in accordance with the Environmental Impact Assessment Regulations. Nemai Consulting was appointed by Eskom as the independent Environmental Assessment Practitioner to undertake the Environmental Impact Assessment. *As part of the assessment, a public participation process is currently underway which allows the opportunity for queries or concerns regarding the project to be raised.*

For more information, please contact Donavan Henning from Nemaï Consulting on:

Tel: (011) 781 1730
Fax: (011) 781 1731
Email: donavanh@nemai.co.za

*Accepted by: T.S. Ngcobo
Eskom Tx Planner (Southern Grid)*

Signed: [Signature]



environment & tourism

Department:
Environmental Affairs and Tourism
REPUBLIC OF SOUTH AFRICA

Private Bag X447, Pretoria, 0001 • Fedsure Building, 315 Pretorius Street, Pretoria, 0002. Tel: (+27 12) 310 3011 Fax: (+27 12) 322 2662

Reference: 12/12/20/1439

Enquiries: Mr L Ngoasheng

Telephone: (012) 310 3597 Fax: (012) 320 7539 E-mail: pngoasheng@deat.gov.za

Attention: Mr. D Henning
Nemai Consulting
P O Box 1673
SUNNINGHILL
2157

Fax no: (011) 781 1731

Dear Sir

**ACKNOWLEDGEMENT OF RECEIPT OF THE NOTICE OF INTENT FOR THE PROPOSED
CONSTRUCTION OF A 400KV POWER LINE FROM NEPTUNE TO POSEIDON
SUBSTATION, CONSTRUCTION OF 2 x TURN-INS FROM NEPTUNE – POSEIDON LINE
TO PEMBROKE SUBSTATION AND THE UPGRADING OF NEPTUNE, POSEIDON AND
PEMBROKE SUBSTATIONS**

The Department confirms having received the application form for environmental authorisation of the abovementioned project on 11 March 2009. You may proceed with the scoping exercise required in terms of the Environmental Impact Assessment Regulations, 2006

The application has been assigned the reference number 12/12/20/1439. Kindly quote this reference number in any future correspondence in respect of the application.

The Applicant must ensure that all requirements of Chapter II, Section 38 of the National Heritage Resources Act, Act 25 of 1999, are complied with in this EIA process, and that the comments and / or recommendations of the relevant heritage resources authority responsible for the area in which the development is proposed, is considered.

Muhasho wa zwa Vhupo na Vhuendelentsahango • LiTiko le Tesimondzawo natsokuVakaasha • Isebe lemiCimbi yokusiNgqonglileyo noKhenketho
Ndawulo ya Tindhaka & Mbango • Department: Omgwingasake en Toerisme • Lefapha la Tikoloho lo Bohankhaleudi • Lefapha la Bejonulu
Kgoro ya Tikoloho le Boeti • UmNyango wezeBhuduluko nokuVekeljha • Umnyango Wezemvelo Nokuvakaha

The comments and or response from the relevant heritage resource agency must clearly state that the requirements of the Heritage Resources Act have been met during the study.

You are hereby reminded that the activity may not commence prior to an environmental authorisation being granted by the Department.

Yours faithfully



Ms Nosipho Ngcaba

Director – General

Department of Environmental Affairs and Tourism

Letter signed by: Mr Lesiba Ngoasheng

Designation: PEO; Environmental Impact Evaluation: Parastatals, and National Projects

Date: 06/04/2009