

APPLICATION FORM

1. BACKGROUND INFORMATION

Project applicant:	Eskom Holdings Limited		
Trading name (if any):	Eskom Transmission: Land and Rights		
Contact person:	Ms. Mmamoloko Seabe		
Physical address:	Megawatt Park, Maxwell Drive, Sunninghill, Sandton		
Postal address:	P. O. Box 1091, Johannesburg		
Postal code:	2000	Cell:	(082) 801 3911
Telephone:	(011) 800 2345	Fax:	(011) 800 3917
E-mail:	SeabeJM@eskom.co.za		
Project consultant:	BKS (Pty) Ltd		
Contact person:	Mr. Peter Teurlings		
Postal address:	P. O. Box 3173, Pretoria		
Postal code:	0001	Cell:	(083) 253 8322
Telephone:	(012) 421 3500	Fax:	(012) 421 3601
E-mail:	petert@bks.co.za		
Professional affiliation(s) (if any)	IAIAsa Pr Sci Nat (Environmental Science) (Reg no 400027/95)		
Landowner:	This will be provided at a later stage.		
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:	City of Cape Town Metropolitan Municipality: District E and F		
Contact person:	Azanne van Wyk		
Postal address:	P. O. Box 16548, Vlaeberg		
Postal code:	8018	Cell:	
Telephone:	(021) 850 4094	Fax:	(021) 740 4004
E-mail:	Azanne.vanwyk@capetown.gov.za		
	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:	Firgrove-Mitchell's Plain 2X400kV on a double circuit Transmission power line and Mitchell's Plain Substation		
Property description:	Please refer to Appendix C for maps indicating the landowners that could be affected by the proposed development. Please refer to Appendix D for a detailed project description. (Farm name, portion etc.) Where a large number of properties are involved (e.g. linear activities), please attach a full list to this application.		
Town(s) or district(s):	Firgrove and Mitchell's Plain, City of Cape Town		
Physical address:	As this application is for a linear development, no physical address will be provided. In instances where there is more than one town or district involved, please attach a list of towns or districts to this application.		
Current land-use zoning:	The current land use zoning will be provided at a later stage. 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, to this application.		
Is a change of land-use or a consent use application required?	YES <input type="checkbox"/>		
Must a building plan be submitted to the local authority?	YES <input type="checkbox"/>		
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: <ul style="list-style-type: none"> • 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. Refer to Appendix A for locality map.		
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. Refer to Appendix B for explanation why consent is not possible.		

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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:

ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS (2006) PROMULGATED IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO. 107 OF 1998)		
No. R 386 of 21 April 2006	1 (m)	The construction of facilities or infrastructure, including associated structures or infrastructure, for any purpose in the one in ten year flood line of a river or stream, or within 32 metres from the bank of a river or stream where the flood line is unknown, excluding purposes associated with existing residential use, but including (i) canals; (ii) channels; (iii) bridges; (iv) dams; and (v) weirs.
No. R 386 of 21 April 2006	4	The dredging, excavation, infilling, removal or moving of soil, sand or rock exceeding 5 cubic metres from a river, tidal lagoon, tidal river, lake, in-stream dam, floodplain or wetland.
No. R 386 of 21 April 2006	7	The above ground storage of a dangerous good, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of more than 30 cubic metres but less than 1 000 cubic metres at any one location or site.
No. R 386 of 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 of 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, but excluding (a) masts of 15 metres and lower exclusively used (i) by radio amateurs; or (ii) for lighting purposes; (b) flag poles; and (c) lightning conductor poles.
No. R 386 of 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 of less than 30 meters long.
No. R 386 of 21 April 2006	16	The transformation of undeveloped, vacant or derelict land to (a) establish infill development covering an area of 5 hectares or more, but less than 20 hectares; or (b) residential, mixed, retail, commercial, industrial or institutional use where such development does not constitute infill and where the total area to be transformed is bigger than 1 hectare.
No. R 386 of 21 April 2006	18	The subdivision of portions of land 9 hectares or larger into portions of 5 hectares or less.
No. R 386 of 21 April 2006	20	The transformation of an area zoned for use as public open space or for a conservation purpose to another use.
No. R 386 of 21 April 2006	25	The expansion of or changes to existing facilities for any process or activity, which requires an amendment of an existing permit or licence or a new permit or licence in terms of legislation governing the release of emissions, pollution, effluent.
No. R 387 of 21 April 2006	1 (e)	The construction of facilities or infrastructure, including associated structures or infrastructure, for any process or activity which requires a permit or licence in terms of legislation governing the generation or release of emissions, pollution, effluent or waste and which is not identified in Government Notice No. R. 386 of 2006.
No. R 387 of 21 April 2006	1 (l)	The transmission and distribution of above ground electricity with a capacity of 120 kilovolts or more.
No. R 387 of 21 April 2006	2	Any development activity, including associated structures and infrastructure, where the total area of the developed area is, or is intended to be, 20 hectares or more.

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Indicate the number and date of the relevant notice: Activity No (s) (in terms of the relevant or notice) : Describe each listed activity:

NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT, 2008 (ACT NO. 59 OF 2008)		
No. R 718 of 2009	Category A (1)	The storage, including the temporary storage, of general waste at a facility that has the capacity to store in excess of 100m ³ of general waste at any one time, excluding the storage of waste in lagoons.

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)?

	NO
	NO

If, YES, is a basic assessment report attached?

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

Not Applicable

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?

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

The Scoping Report and Plan of Study for EIA is anticipated to be submitted to DEA by 29 July 2010.

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

YES	
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Consultation with the competent authority took place on 9 March 2010 at the office of the DEA with Mr. Reggie Nkosi and Ms. Tebogo Mapinga. Consultation with the case officer to be appointed is awaited.

A consultation with the competent authority is hereby requested:

YES	
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APPLICATION FORM

4. DECLARATIONS

4.1 The independent Environmental Assessment Practitioner

I, PETER MARIE FRANS GERARD TEURLINGS, declare under oath that I –

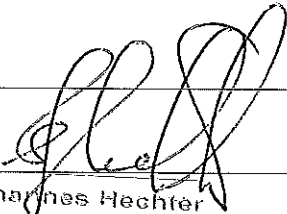
- act as the independent environmental practitioner in this application ;
- do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2005;
- have and will not have no 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:

BKS (Pty) Ltd
 Name of company:

19/03/2010
 Date:

Signature of the Commissioner of Oaths:

Date:	DATUM DATE	19/3/2010	HANDEKENING SIGNATURE	
Designation:	VOLLE NAME FULL NAMES	Stephanus Johannes Hechter		
	AMP DESIGNATION	Kommissaris van Ede - Ampshawe Commissioner of Oaths - Ex Officio		
	BESIGHEIDSADRES BUSINESS ADDRESS	☒ 5632 Pretoria 0001		
	TELEFOON TELEPHONE	(012) 421 3500		
Official stamp (below)	AANSTELLINGSOEBIED APPOINTED AREA	Pretoria Distrik/District		
	VERWYSINGSNUMMER REFERENCE NUMBER	9/1/8/2 PRETORIA (A1)		
	DATUM VAN AANSTELLING DATE OF APPOINTMENT	1989-05-29		

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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:

Eskom Holdings Limited

Name of company:

25/03/2010

Date:

Signature of the Commissioner of Oaths:

24-03-2010

Date:

Designation:

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

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

Official stamp (below):

EDMOND CECIL LENNOX
EX OFFICIO
COMMISSIONER OF OATHS
DEEDS REGISTRATION
OFFICER OF ESKOM
ESKOM
P.O. BOX 1081
JOHANNESBURG
REP. OF SOUTH AFRICA

**APPENDIX A:
LOCALITY MAP**

**APPENDIX B:
LAND-OWNER'S CONSENT LETTER**

Department of Environmental Affairs
Director
Environmental Impact management
Private Bag X447
PRETORIA
0001

Date:
25 March 2010

Enquiries:
Kentridge Khanyile Makhanya
011 800 2706

Attention: D. MTHEMBU

LANDOWNERS CONSENT FOR ESKOM TRANSMISSION FIRGROVE-MITCHELL'S PLAIN POWER LINE AND MITCHELL'S PLAIN SUBSTATION UPGRADE

In line with the EIA Regulations (2006) promulgated in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), a letter of consent must be provided for all landowners affected by a proposed development.

The study area for the Phillipi-Mitchell's Plain power line and Phillipi substation for Eskom Transmission is a linear development, which includes route alternatives for the power line and location alternatives for the substation. As the EIA process informs the preferred route for the Transmission power line and the placement of the substation, negotiations with the affected landowners will take place subsequent to the EIA process. Therefore, consent from affected landowners for the Phillipi-Mitchell's Plain EIA process will not form part of this EIA Application form.

Should there be any further queries, please contact Kentridge Makhanya on (011) 800 2706.

Yours sincerely



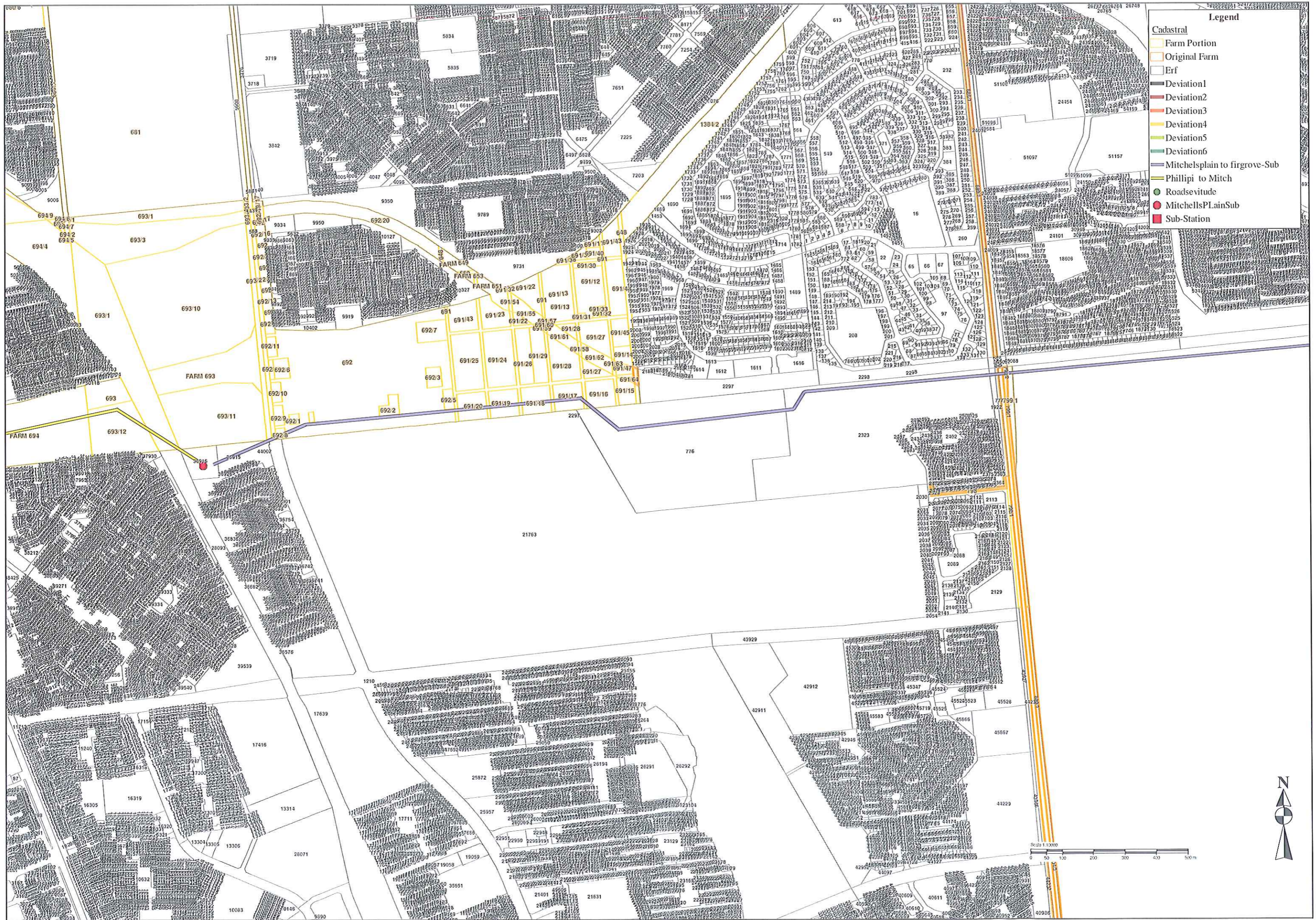
JM SEABE
SENIOR MANAGER: LAND AND RIGHTS

Transmission Services

Land and Rights
Megawatt Park Maxwell Drive Sunninghill Sandton PO Box 1091 Johannesburg 2000 SA
Tel +27 11 800 2345 Fax +27 11 800 3917 www.eskom.co.za

Directors: PM Makwana (Acting Chairman) LCZ Cele SD Dube LG Josefsson (Swedish) HB Lee (Korean)
WE Lucas-Bull J Mirenge (Rwandan) JRD Modise AJ Morgan U Nene PS O'Flaherty* (*Executive Director)
Company Secretary: Vacant
Eskom Holdings Limited Reg No 2002/015527/06

**APPENDIX C:
CADASTRAL MAPS WITH POTENTIAL AFFECTED
LANDOWNERS**



Legend

Cadastral

- Farm Portion
- Original Farm
- Erf

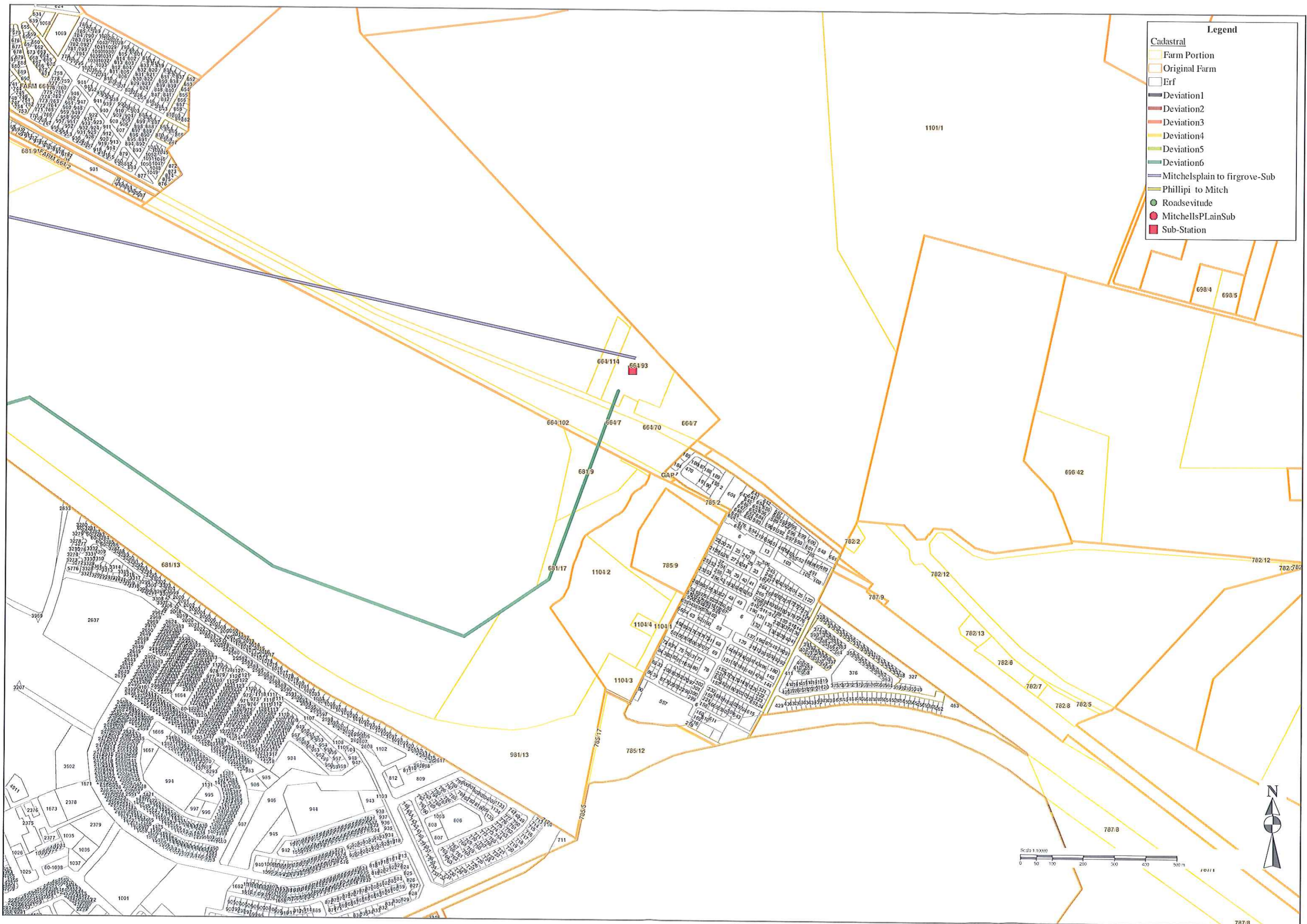
Deviations

- Deviation1
- Deviation2
- Deviation3
- Deviation4
- Deviation5
- Deviation6

Other Features

- Mitchelsplain to firgrove-Sub
- Phillipi to Mitch
- Roadsidevitude
- MitchellsPLAINSub
- Sub-Station





Legend

Cadastral

- Farm Portion
- Original Farm
- Erf
- Deviation1
- Deviation2
- Deviation3
- Deviation4
- Deviation5
- Deviation6
- Mitchellsplain to firgrove-Sub
- Phillipi to Mitch
- Roadsevitide
- MitchellsPLAINSub
- Sub-Station



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**APPENDIX D:
PROJECT DESCRIPTION**

Scope of work

1. Firgrove-Mitchells Plain

a) Create 2x500MVA 400/132kV substation at Mitchells Plain (Mitchells Plain MTS):

- Find the site to place the MTS next to the existing 132kV Mitchells Plain Substation
- Establish the Mitchells Plain MTS as follows:
 - Establish a 2x500MVA, 400/132kV MTS at Mitchells Plain.
 - The new MTS 132kV will supply the City of Cape Town and Eskom Distribution.
 - Install a telecommunication high mast

b) Establish 2x400kV Firgrove-Mitchells Plain lines

- Establish a servitude for the approximately 23km of 400kV double circuit line
- Build approximately 23km of 2x400kV lines on a double circuit tower to establish:
 - 2x400kV Firgrove-Mitchells Plain line (approximately 23km)

2. Project Description

Philippi MTS has run out of firm capacity. This MTS supply the City of Cape Town Metro. A decision to create a second 400kV injection into the CoCT supply area was approved at NNIF. This Project comprises EIA studies and land and servitude acquisition for the following:

- => Establish a 2x500MVA 400/132kV Mitchells Plain Transmission station
- => Establish 2x400kV Line bays at Firgrove MTS
- => Establish 2x400kV Line bays at Mitchells Plain MTS
- => Establish approximately 25km 400kV double circuit line from Firgrove to Mitchells Plain

3. Reason for Project (Need Justification)

Philippi MTS has run out of firm capacity. This MTS supply the City of Cape Town Metro. A decision to create a second 400kV injection (Mitchells Plain MTS) into the CoCT supply area was approved at NNIF. However a strengthening of Philippi MTS is required as soon as year 2011. Therefore a decision to place a strategic transformer dedicated to Philippi was also approved at NNIF with intension to move it to Mitchells Plain after the completion of the integration of Mitchells Plain MTS.

The CoCT load is not concentrated at Philippi area but spread to as far as Simons Town. Therefore placing transmission at Philippi MTS will force the CoCT to add 132kV long cables to the load. Moreover, the area around Philippi MTS is very developed such that Servitudes for many 132kV feeders will be almost impossible to acquire. The decision to establish a new substation (Mitchells Plain MTS) into the CoCT supply area was approved at NNIF.