



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

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

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

Environmental Impact Assessment for the Proposed 400 / 132kV Houhoek Transmission Substation including the Bacchus – Palmiet Loop-In and Loop-Out lines, Western Cape Province

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.



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.

C	0	1	3	0	0	0	0	0	0	0	0	0	8	2	0	0	0	0	7	
C	0	1	3	0	0	0	0	0	0	0	0	0	4	3	6	0	0	0	6	
C	0	1	3	0	0	0	0	0	0	0	0	0	8	5	5	0	0	0	0	
C	0	1	3	0	0	0	0	0	0	0	0	0	7	4	2	0	0	0	0	
C	0	1	3	0	0	0	0	0	0	0	0	0	4	3	6	0	0	0	2	
C	0	1	3	0	0	0	0	0	0	0	0	0	4	3	6	0	0	0	1	8
C	0	1	3	0	0	0	0	0	0	0	0	0	4	3	6	0	0	0	2	2

(if there are more than 6, please attach a list with the rest of the numbers)

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



PROJECT TITLE

Environmental Impact Assessment for the Proposed 400 / 132kV Houhoek Transmission Substation including the Bacchus – Palmiet Loop-In and Loop-Out lines, Western Cape Province

1. BACKGROUND INFORMATION

Project applicant:	Eskom Holdings SOC Limited		
Trading name (if any):	Eskom Group Capital: Land Development		
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		

Environmental Assessment Practitioner (EAP):	Mr Peter Teurlings of BKS (Pty) Ltd		
Contact Person:	Ms Bronwen Griffiths		
Postal address:	P O Box 3173, Pretoria		
Postal Code:	0001	Cell:	083 414 8551
Telephone:	(012) 421 3500	Fax:	(012) 421 3601
E-mail:	petert@bks.co.za / bronweng@bks.co.za		
Professional affiliation(s) (if any):	(a) Pr Sci Nat (Environmental Science) (Reg No. 400027/95); (b) Member of Environmental Law Association; (c) Member of IAIA-sa (ID No. 1398); (d) Founding Member of the Environmental Assessment Practitioners Association of South Africa (EAPASA)		

Provincial Authority:	Western Cape Department of Environmental Affairs & Development Planning		
Contact person:	Mr Tony Barnes		
Postal address:	Private Bag X9086, Cape Town		
Postal code:	8000	Cell:	/
Telephone:	021 483 4094	Fax:	/
E-mail:	Anthony.Barnes@westerncape.gov.za		

Landowner:	As part of this proposal includes a linear activity, the final landowner details will be provided once the placement of the linking powerlines are known.		
Contact person:	To be provided during the EIA process		
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:	Theewaterskloof Local Municipality		
Nearest town or districts:	Botrivier		
Contact person:	Conrad van Heerden (Director Technical Services)		
Postal address:	P O Box 24, Caledon		
Postal code:	7230	Cell:	/
Telephone:	(028) 214 3300	Fax:	(028) 214 1289
E-mail:	Conradvh@twk.org.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.

N/A



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 :
Listing Notice 1: GNR No. 544 18 June 2010	10	<p>The construction of facilities or infrastructure for the transmission and distribution of electricity –</p> <p>(i) Outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts (kV)</p> <p><i>The proposed project entails the construction of a 400 / 132kV Substation including the construction of 400kV Transmission and 132kV Distribution power lines and associated infrastructure outside of an urban area / industrial complex.</i></p>
Listing Notice 1: GNR No. 544 18 June 2010	11	<p>The construction of:</p> <p>(xi) infrastructure or structures covering 50m² or more where such construction occurs within a watercourse or within 32m of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind a development setback line.</p> <p><i>The proposed project entails the construction of a 400 / 132kV Substation, including the construction of 400kV Transmission power lines and associated infrastructure, the powerlines or access roads thereto running to the Substation cross drainage lines and non-perennial watercourses, and thus trigger this activity.</i></p>
Listing Notice 1: GNR No. 544 18 June 2010	13	<p>The construction of facilities or infrastructure for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a combined capacity of 80m³ but not exceeding 500m³.</p> <p><i>The construction camp may store hazardous material for use in the construction of the proposed project and the Substation design will include transformer oil ponds. The capacities of hazardous material and the size of the ponds will be determined during the EIA process, that is, the combined capacity thereof will be confirmed during the EIA and it will be determined whether this activity is in fact triggered.</i></p>

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



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 :
Listing Notice 1: GNR No. 544 18 June 2010	18	<p>The infilling or depositing of any material of more than 5 m³ into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock from:</p> <p>(i) a watercourse;</p> <p><i>The proposed project could entail the construction of access roads for use during the construction phase and operational phase (for maintenance purposes) which cross over drainage lines and non-perennial watercourses occurring in the area. The installation of pylons associated with the loop-in and loop-out lines may also impact on any cross drainage lines and non-perennial watercourses or wetlands encountered in the study area. These factors will be considered during the EIA process and whether the activity is in fact triggered will be determined at that time.</i></p>
Listing Notice 1: GNR No. 544 18 June 2010	22	<p>The construction of a road, outside urban areas,</p> <p>(i) with a reserve wider than 13.5m</p> <p>(ii) where no reserve exists where the road is wider than 8m</p> <p><i>The proposed project could entail the construction of access roads for use during the construction phase and operational phase (for maintenance purposes). The exact characteristics of such roads will be determined through the design process which will inform the EIA process.</i></p>
Listing Notice 1: GNR No. 544 18 June 2010	24	<p>The transformation of land bigger than 1,000m² in size, to residential, retail, commercial, industrial or institutional use, where, at the time of the coming into effect of this Schedule such land was zoned open space, conservation or had an equivalent zoning.</p> <p><i>One of the proposed alternatives being considered falls within the existing Houhoek Nature Reserve, which is by definition "open space" in nature. The Transmission Substation will be approximately 11ha which is significantly larger than 1,000m² (i.e. 0.1ha). The land-use is assumed to fall within one of the specified land uses detailed in the activity.</i></p>
Listing Notice 1: GNR No. 544 18 June 2010	26	<p>Any process or activity identified in terms of section 53(1) of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004).</p> <p><i>The proposed power line almost certainly crosses areas that fall within areas of importance in terms of NEM:BA. The position of the Substation itself will also be influenced by the biodiversity status of each. This will be confirmed during the EIA especially via the specialist input of the biodiversity expert, selected due to his specific knowledge of the Western Cape vegetation. Preliminary indications have led to the selection of the alternatives to be considered partially based on the biodiversity factors, along with technical constraints.</i></p>

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 :
Listing Notice 1: GNR No. 544 18 June 2010	38	<p>The expansion of facilities for the transmission and distribution of electricity where the expanded capacity will exceed 275kV and the development footprint will increase.</p> <p><i>The proposed project will link a 132kV Distribution power line from the proposed 400kV Transmission Substation to the existing 132kV Distribution Substation, as well as the loop-in and loop-out linkages to the existing Distribution Substation. The proposed project could then entail the expansion of the existing Eskom servitudes, which will increase the development footprint.</i></p>
Listing Notice 1: GNR No. 544 18 June 2010	40	<p>The expansion of:</p> <p>(iv) infrastructure by more than 50m³ within a watercourse or within 32m of a watercourse, measured from the edge of a watercourse ...</p> <p><i>The proposed project may require the placing of the Transmission and/or Distribution power lines and/or the Transmission Substation along or across a drainage or non-perennial water course.</i></p>
Listing Notice 1: GNR No. 544 18 June 2010	47	<p>The widening of a road by more than 6m, or the lengthening of a road by more than 1km –</p> <p>(i) where the existing reserve is wider than 13.5m; or</p> <p>(ii) where no reserve exists, where the existing road is wider than 8m ...</p> <p><i>The proposed project could entail the expansion of existing roads to use as access roads for use during the construction phase and operational phase (i.e. for maintenance purposes).</i></p>
Listing Notice 2: GNR No. 545 18 June 2010	8	<p>The construction of facilities or infrastructure for the transmission and distribution of electricity with a capacity of 275kV or more, outside an urban area or industrial complex.</p> <p><i>The proposed project entails the construction of infrastructure for the transmission of electricity with a capacity of 400kV outside an urban area.</i></p>
Listing Notice 3: GNR No. 546 18 June 2010	4	<p>The construction of a road wider than 4m with a reserve less than 13.5m.</p> <p>(d) In Western Cape:</p> <p>ii. All areas outside urban areas.</p> <p><i>The proposed project could entail the construction of access roads for use during the construction phase and operational phase (for maintenance purposes) outside of an urban area. The exact specification of any such roads will be determined during the planning phase and will inform the EIA process.</i></p>

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 :
Listing Notice 3: GNR No. 546, 18 June 2010	10	<p>The construction of facilities or infrastructure for the storage, or storage and handling of a dangerous good, where such storage occurs in containers with a combined capacity of 30 but not exceeding 80 cubic metres.</p> <p>(d) In Western Cape: ii All areas outside urban areas.</p> <p><i>The construction camp may store hazardous material for use in the construction of the proposed project and the Substation design will include transformer oil ponds. The capacities of hazardous material and the size of the ponds will be determined during the EIA process, that is, the combined capacity thereof will be confirmed during the EIA and it will be determined whether this activity is in fact triggered</i></p>
Listing Notice 3: GNR No. 546, 18 June 2010	12	<p>The clearance of an area of 300m² or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation:</p> <p>(a) Within any critically endangered or endangered ecosystem listed in terms of section 52 of the NEMBA or prior to the publication of such a list, within an area that has been identified as critically endangered in the National Spatial Biodiversity Assessment 2004;</p> <p>(b) Within critical biodiversity areas identified in bioregional plans.</p> <p><i>Clearance land of vegetation for the proposed power lines and Substation areas will be required to a greater or lesser extent. The exact size of the area of indigenous vegetation to be cleared will be confirmed during the EIA along with the status of the footprint in terms of its biodiversity status.</i></p>

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 :
Listing Notice 3: GNR No. 546, 18 June 2010	13	<p>(a) The clearance of an area of 1 hectare or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation, ...</p> <p>(2) Critical biodiversity areas and ecological support areas as identified in systematic biodiversity plans adopted by the competent authority.</p> <p>(c) In Western Cape:</p> <p>(cc) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority;</p> <p>(ee) Areas within 10km from national parks or world heritage sites or 5km from any other protected area identified in terms of NEMPAA or from the core area of a biosphere reserve.</p> <p><i>Clearance land of vegetation for the proposed power lines and Substation areas will be required to a greater or lesser extent. The exact size of the area of indigenous vegetation to be cleared will be confirmed during the EIA along with the status of the footprint in terms of its biodiversity status.</i></p>
Listing Notice 3: GNR No. 546, 18 June 2010	14	<p>The clearance of an area of 5 hectares or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation,</p> <p>(a) In Western Cape:</p> <p>i. All areas outside urban areas.</p> <p><i>Clearance land of vegetation for the proposed power lines and Substation areas will be required to a greater or lesser extent. The exact size of the area of indigenous vegetation to be cleared will be confirmed during the EIA along with the status of the footprint in terms of its biodiversity status.</i></p>

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 :
Listing Notice 3: GNR No. 546, 18 June 2010	16	<p>The construction of:</p> <p>(iv) infrastructure covering 10m² or more, where such construction occurs within a watercourse or within 32m of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.</p> <p>(d) Western Cape</p> <p>ii. Outside urban areas, in:</p> <p>(dd) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority;</p> <p>(ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p> <p>(hh) Areas within 10km from national parks or world heritage sites or 5km from any other protected area identified in terms of NEMPAA or ...</p> <p><i>The proposal may have an impact on biodiversity rich areas, and will have an impact direct / indirect on the adjacent Houhoek Nature Reserve.</i></p>
Listing Notice 3: GNR No. 546, 18 June 2010	19	<p>The widening of a road by more than 4m, or the lengthening of a road by more than 1km.</p> <p>(d) In Western Cape:</p> <p>ii. All areas outside urban areas;</p> <p><i>The proposed project could entail the construction of access roads for use during the construction phase and operational phase (for maintenance purposes) – the specifications thereof will be determined during planning and will inform the EIA process.</i></p>
Listing Notice 3: GNR No. 546, 18 June 2010	23	<p>The expansion of facilities or infrastructure for the storage, or storage and handling of a dangerous good, where such storage facilities will be expanded by 30m³ or more but less than 80m³.</p> <p>(d) In Western Cape:</p> <p>ii. All areas outside urban areas</p> <p><i>The construction camp will store hazardous material for use in the construction of the proposed project. During operation hazardous substances will be stored at the Substation. The capacities of hazardous material will be determined during the planning process and will inform the EIA process.</i></p>



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 description¹:

<p>Listing Notice 3: GNR No. 546, 18 June 2010</p>	<p>24</p>	<p>The expansion of: (d) infrastructure where the infrastructure will be expanded by 10m² or more where such construction occurs within a watercourse or within 32m of a watercourse, measured from the edge of a watercourse, ...</p> <p>d) In Western Cape:</p> <p>ii. Outside urban areas, in;</p> <p>(aa) A protected area identified in terms of NEMPAA, excluding conservancies</p> <p>(cc) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority</p> <p>(ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p> <p>(gg) Areas within 10km from national parks or world heritage sites or 5km from any other protected area identified in terms of NEMPAA or ...</p> <p><i>The proposed power lines will cross over drainage lines and non-perennial watercourses and the study area falls within the parameters of the triggering environmental constraints.</i></p>
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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.

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

The applications in terms of the National Water Act and National Heritage Resources Act will be determined during the necessary Environmental Authorisation process.
The need for a Biodiversity and Protected Areas Act related permits will be determined during the EIA process.
The need for a permit in terms of the MPRDA will be determined during the EIA with respect to the final determined capacity of hazardous substances held on the site.
The number of final items (specified as "other") are the potential need for a permit in terms of (a) the Civil Aviation Authority, (b) a permit for the removal of indigenous trees from the Department of Fisheries and Forestry, and/or (c) a permit for the removal of endangered species from Cape Nature – the need for these will be determined during the planning process.

3.2 Have such applications been lodged already? /No

None have been applied for at this time as the final footprint of the development is still to be determined during the planning and the EIA processes.



4. DECLARATIONS

4.1 The Applicant

I, Ms Mmamoloko Seabe, 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.



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

Eskom Holdings SOC Limited

Name of company (if applicable):

2012-07-23

Date:

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.

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.

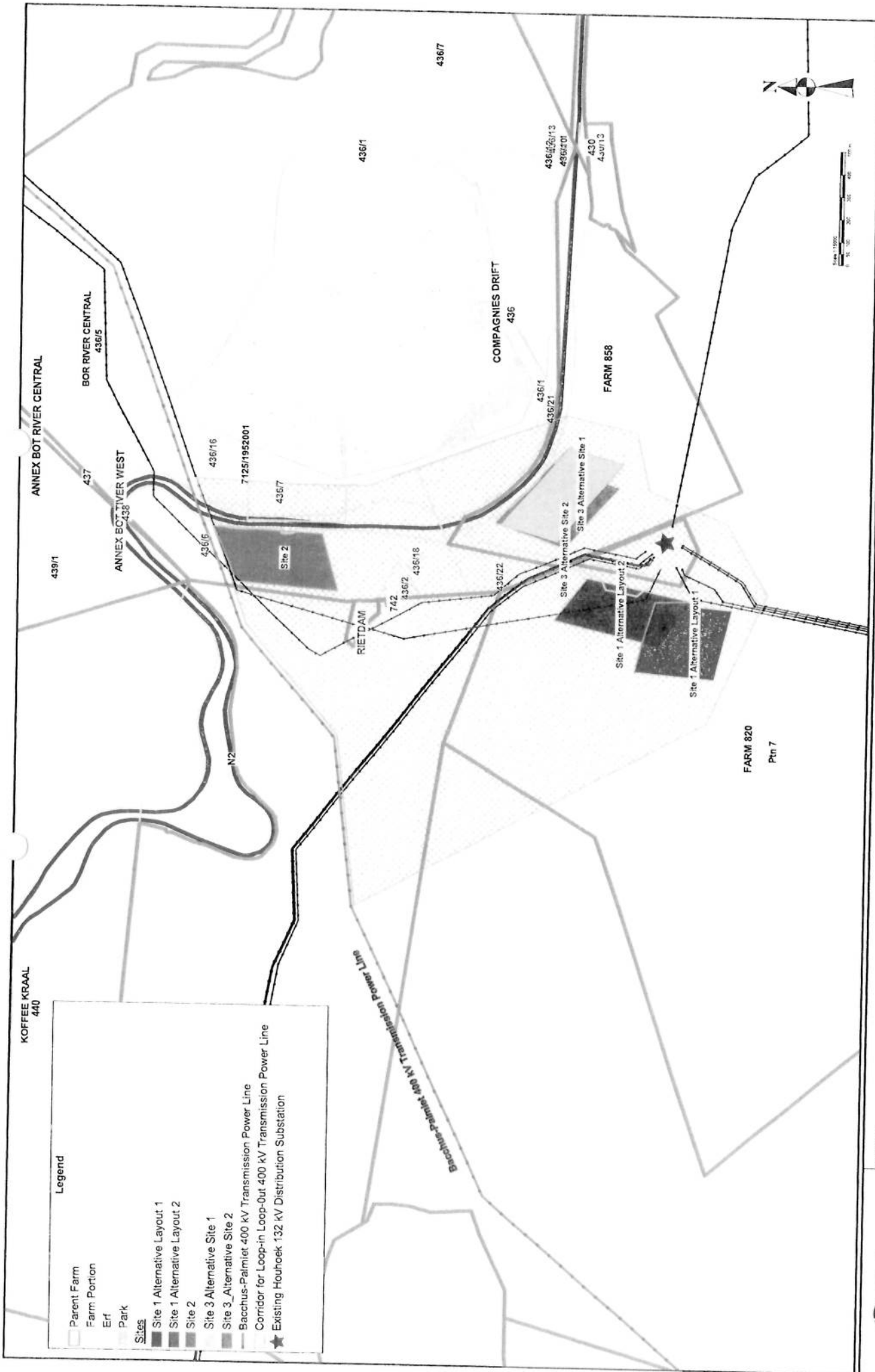
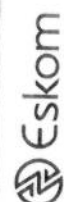


FIGURE 1

Client: Eskom
 Consultant: BCS
 Date: 2012-07-19
 Author: [Name]
 Version: 1.0
 Project No: 171482

HOUHOEK TRANSMISSION SUBSTATION
 LANDOWNERS

Project Name:



[Handwritten signature]

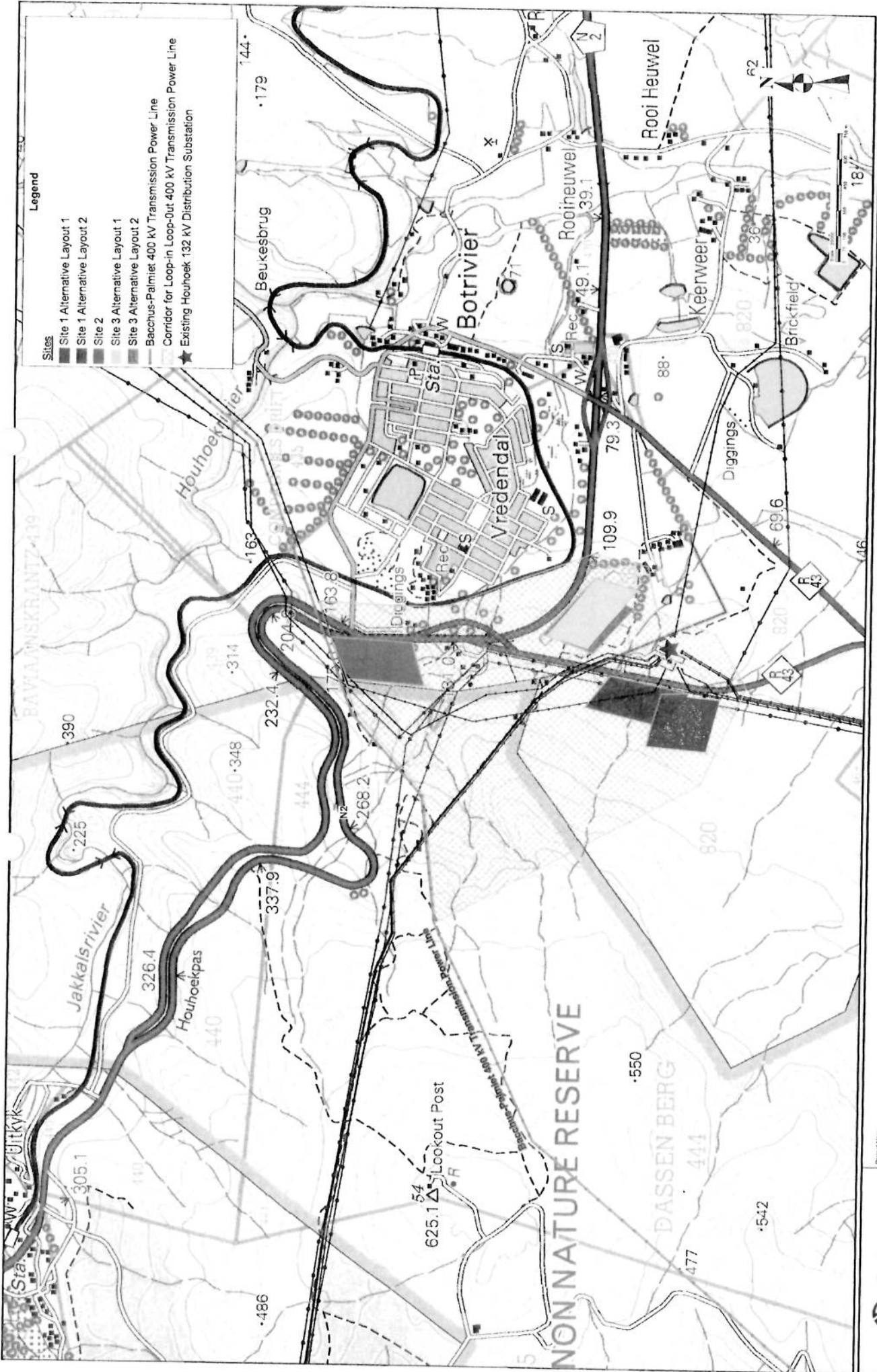


FIGURE 2

HOUHOEK TRANSMISSION SUBSTATION
1: 50 000

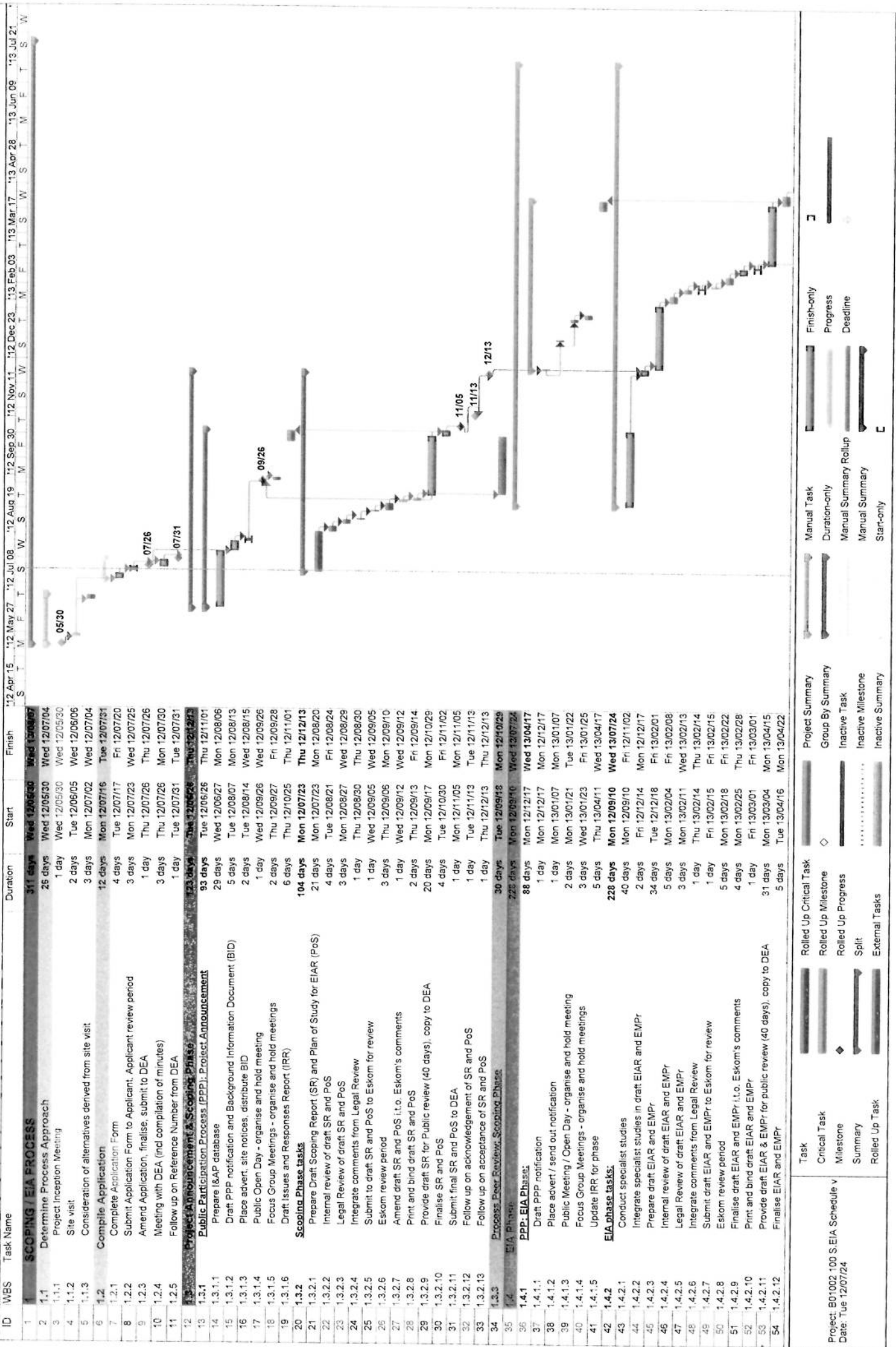
Project Name



Drawn: S. Oshane
 Checked: B. Lourenco
 Date: 29/10/13
 Project: Bacchus-Palmiet 400 kV Transmission Substation
 Project No: J21887

Handwritten signature or initials.

PROJECT SCHEDULE: EIA FOR PROPOSED 400/132KV HOUHOEK TRANSMISSION SUBSTATION INCLUDING THE BACCHUS-PALMIET LOOP-IN LOOP-OUT LINES, WESTERN CAPE PROVINCE



WBS Task Name Start Finish Duration

ID	WBS	Task Name	Start	Finish	Duration
1	1	SCOPING / EIA PROCESS	Wed 12/05/10	Wed 12/07/04	311 days
2	1.1	Determine Process Approach	Wed 12/05/10	Wed 12/07/04	25 days
3	1.1.1	Project Inception Meeting	Wed 12/05/10	Wed 12/05/10	1 day
4	1.1.2	Site visit	Wed 12/05/10	Wed 12/05/10	2 days
5	1.1.3	Consideration of alternatives derived from site visit	Wed 12/07/02	Wed 12/07/04	3 days
6	1.2	Complete Application	Mon 12/07/16	Tue 12/07/26	12 days
7	1.2.1	Complete Application Form	Tue 12/07/17	Fri 12/07/20	4 days
8	1.2.2	Submit Application Form to Applicant, Applicant review period	Mon 12/07/23	Wed 12/07/25	3 days
9	1.2.3	Amend Application, finalise, submit to DEA	Thu 12/07/26	Thu 12/07/26	1 day
10	1.2.4	Meeting with DEA (incl compilation of minutes)	Thu 12/07/26	Mon 12/07/30	3 days
11	1.2.5	Follow up on Reference Number from DEA	Tue 12/07/31	Tue 12/07/31	1 day
12	1.3	Project Announcement & Scoping Phase	Tue 12/05/10	Tue 12/12/13	233 days
13	1.3.1	Public Participation Process (PPP): Project Announcement	Tue 12/05/10	Thu 12/11/01	93 days
14	1.3.1.1	Prepare I&AP database	Wed 12/06/27	Mon 12/08/06	29 days
15	1.3.1.2	Draft PPP notification and Background Information Document (BID)	Mon 12/08/07	Mon 12/08/13	5 days
16	1.3.1.3	Place advert, site notices, distribute BID	Tue 12/08/14	Wed 12/08/15	2 days
17	1.3.1.4	Public Open Day - organise and hold meeting	Wed 12/09/26	Wed 12/09/26	1 day
18	1.3.1.5	Focus Group Meetings - organise and hold meetings	Thu 12/09/27	Fri 12/09/28	2 days
19	1.3.1.6	Draft Issues and Responses Report (IRR)	Thu 12/10/25	Thu 12/11/01	5 days
20	1.3.2	Scoping Phase tasks	Mon 12/07/23	Thu 12/12/13	104 days
21	1.3.2.1	Prepare Draft Scoping Report (SR) and Plan of Study for EIA/ (PoS)	Mon 12/07/23	Mon 12/08/20	21 days
22	1.3.2.2	Internal review of draft SR and PoS	Tue 12/08/21	Fri 12/09/24	4 days
23	1.3.2.3	Legal Review of draft SR and PoS	Mon 12/08/27	Wed 12/08/29	3 days
24	1.3.2.4	Integrate comments from Legal Review	Thu 12/08/30	Thu 12/08/30	1 day
25	1.3.2.5	Submit to draft SR and PoS to Eskom for review	Wed 12/09/05	Wed 12/09/05	1 day
26	1.3.2.6	Eskom review period	Thu 12/09/06	Mon 12/09/10	3 days
27	1.3.2.7	Amend draft SR and PoS i.t.o. Eskom's comments	Wed 12/09/12	Wed 12/09/12	1 day
28	1.3.2.8	Print and bind draft SR and PoS	Thu 12/09/13	Fri 12/09/14	2 days
29	1.3.2.9	Provide draft SR for Public review (40 days), copy to DEA	Mon 12/09/17	Mon 12/10/29	20 days
30	1.3.2.10	Finalise SR and PoS	Tue 12/10/30	Fri 12/11/02	4 days
31	1.3.2.11	Submit final SR and PoS to DEA	Mon 12/11/05	Mon 12/11/05	1 day
32	1.3.2.12	Follow up on acknowledgement of SR and PoS	Tue 12/11/13	Tue 12/11/13	1 day
33	1.3.2.13	Follow up on acceptance of SR and PoS	Thu 12/12/13	Thu 12/12/13	1 day
34	1.3.3	Process Peer Review/ Scoping Phase	Tue 12/09/18	Mon 12/10/29	30 days
35	1.4	EIA Phase	Mon 12/09/16	Wed 13/07/24	223 days
36	1.4.1	PPP- EIA Phases:	Mon 12/12/17	Wed 13/04/17	88 days
37	1.4.1.1	Draft PPP notification	Mon 12/12/17	Mon 12/12/17	1 day
38	1.4.1.2	Place advert / send out notification	Mon 13/01/07	Mon 13/01/07	1 day
39	1.4.1.3	Public Meeting / Open Day - organise and hold meeting	Mon 13/01/21	Tue 13/01/22	2 days
40	1.4.1.4	Focus Group Meetings - organise and hold meetings	Wed 13/01/23	Fri 13/01/25	3 days
41	1.4.1.5	Update IRR for phase	Thu 13/04/11	Wed 13/04/17	5 days
42	1.4.2	EIA phase tasks:	Mon 12/09/10	Wed 13/07/24	228 days
43	1.4.2.1	Conduct specialist studies	Mon 12/09/10	Fri 12/11/02	40 days
44	1.4.2.2	Integrate specialist studies in draft EIA/ and EMPr	Fri 12/12/14	Mon 12/12/17	2 days
45	1.4.2.3	Prepare draft EIA/ and EMPr	Tue 12/12/18	Fri 13/02/01	34 days
46	1.4.2.4	Internal review of draft EIA/ and EMPr	Mon 13/02/04	Fri 13/02/08	5 days
47	1.4.2.5	Legal Review of draft EIA/ and EMPr	Mon 13/02/11	Wed 13/02/13	3 days
48	1.4.2.6	Integrate comments from Legal Review	Thu 13/02/14	Thu 13/02/14	1 day
49	1.4.2.7	Submit draft EIA/ and EMPr to Eskom for review	Fri 13/02/15	Fri 13/02/15	1 day
50	1.4.2.8	Eskom review period	Mon 13/02/18	Fri 13/02/22	5 days
51	1.4.2.9	Finalise draft EIA/ and EMPr i.t.o. Eskom's comments	Mon 13/02/25	Thu 13/02/28	4 days
52	1.4.2.10	Print and bind draft EIA/ and EMPr	Fri 13/03/01	Fri 13/03/01	1 day
53	1.4.2.11	Provide draft EIA/ & EMPr for public review (40 days), copy to DEA	Mon 13/03/04	Mon 13/04/15	31 days
54	1.4.2.12	Finalise EIA/ and EMPr	Tue 13/04/16	Mon 13/04/22	5 days

PROJECT SCHEDULE: EIA FOR PROPOSED 400/132KV HOUHOEK TRANSMISSION SUBSTATION INCLUDING THE BACCHUS-PALMIET LOOP-IN LOOP-OUT LINES, WESTERN CAPE PROVINCE

ID	WBS	Task Name	Duration	Start	Finish
55	1.4.2.13	Submit final EIA & EMP to DEA	1 day	Tue 13/04/23	Tue 13/04/23
56	1.4.2.14	Follow up on acknowledgement EIA and EMP	1 day	Wed 13/05/01	Wed 13/05/01
57	1.4.2.15	Follow up on acceptance EIA and EMP	10 days	Fri 13/05/31	Thu 13/06/13
58	1.4.2.16	Environmental Authorisation from DEA (latest expected date)	1 day	Wed 13/07/24	Wed 13/07/24
59	1.4.3	Process Peer Review EIA Phase	30 days	Mon 13/03/04	Fri 13/04/12
60	1.5	Notification of DEA's Decision	11 days	Wed 13/07/24	Wed 13/08/07
61	1.5.1	Notify I&APs of DEAs decision and appeal process	1 day	Thu 13/07/25	Thu 13/07/25
62	1.5.2	Appeal notification period	9 days	Fri 13/07/26	Wed 13/08/07



Project: B01002 100 S.EIA Schedule v
Date: Tue 12/07/24

Task: Critical Task, Milestone, Summary, Rolled Up Task

Task: Rolled Up Critical Task, Rolled Up Milestone, Rolled Up Progress, Split, External Tasks

Task: Project Summary, Group By Summary, Inactive Task, Inactive Milestone, Inactive Summary

Task: Manual Task, Duration-only, Manual Summary Rollup, Manual Summary, Start-only

Task: Finish-only, Progress, Deadline