



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	
NEAS Reference Number:	DEA/EIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), (the Act) and the Environmental Impact Assessment Regulations, 2014 the Regulations)

PROJECT TITLE

The proposed expansion of the Komsberg Mani Transmission Substation and associated infrastructure within the Karoo Hoogland Local Municipality in the Northern Cape Province

Kindly note that:

1. This application form is current as of 08 December 2014. 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 will be rejected in terms of Regulation 17 of GN. 733 and returned to the applicant for revision and resubmission.
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. An electronic copy of the signed application form must be submitted together with two hardcopies (one of which must contain the original signatures).
8. Unless protected by law, all information filled in on this application form will become public information on receipt by the competent authority. Any interested and affected party should and shall 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 and declaration of interest of the specialist must also be submitted.

10. Proof of payment must accompany this application. The application will not be processed without proof of payment unless one of the exclusions provided for the Fee Regulations (Fees for consideration and processing of applications for environmental authorisations and amendments thereto Government Notice No.141, published on 28 February 2014) is applicable AND such information in section 1 of this application form has been confirmed by this Department.

Departmental Details

The application must be addressed to the Chief Directorate: Integrated Environmental Authorisations at:

Postal address:

Department of Environmental Affairs
Attention: Director: Integrated Environmental Authorisations
Private Bag X447
Pretoria
0001

Physical address:

Department of Environmental Affairs
Attention: Director: Integrated Environmental Authorisations
Environment House
473 Steve Biko Road
Arcadia
Pretoria

Queries must be addressed to the contact below:

Tel: 012 399 9372
E-mail: EIAAdmin@environment.gov.za

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

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

1. **PROOF OF PAYMENT**

Applicants are required to tick the appropriate box below to indicate that either proof of payment is attached or that, in the applicant's view, an exclusion applies. Proof and a motivation for exclusions must be attached to this application form in **Appendix 1**.

Proof of payment attached as **Appendix 1**

Exclusion applies

An applicant is excluded from paying fees if:

The activity is a community based project funded by a government grant; or
The applicant is an organ of state.

TYPE OF EXCLUSION	Tick where applicable. Proper motivation must be attached to the application
The activity is a community based project funded by a government grant	
The applicant is an organ of state	√

FEE AMOUNT	Fee
Application for an environmental authorisation for which basic assessment is required in terms of the Environmental Impact Assessment Regulations	R2 000
Application for an environmental authorisation, for which S&EIR is required in terms of the Environmental Impact Assessment Regulations	R10 000

Department of Environmental Affairs' details for the payment of application fees:

<p>Payment Enquiries: Tel: 012 399 9119 Email: eiafee@environment.gov.za</p> <p>Banking details: ABSA Bank Branch code: 632005 Account number: 1044 2400 72 Current account Reference number : Reference number to be provided in the specific format indicating centre point coordinates of site in decimal degrees to 5 or 6 decimal places: latitude/longitude eg. -33.918861/18.423300</p> <p>Proof of payment must accompany the application form: Indicate reference number below.</p> <p>Tax exemption status: Status: Tax exempted</p> <p>Reference number: -32.933710/20.594960</p>
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2. PROJECT DESCRIPTION

Please provide a **detailed** description of the project.

Eskom Holdings SOC Ltd is proposing to expand the existing Komsberg Main Transmission Substation (MTS). The expansion area (approximately 19.8ha), will fall within the Eskom property and is located next to and between the positions of the existing capacitor banks installation. The existing infrastructure on site (e.g. capacitor banks) will form part of the proposed expanded substation footprint and some relocation of the existing infrastructure will take place. The total footprint of the proposed expanded Komsberg MTS is likely to be approximately 440m x 450m, all on Eskom property.

The proposed development entails the following:

- » Expansion of the Komsberg MTS to a total footprint of 19.8ha (440m x 450m);
- » Establishment of 400/132kV transformation and 132kV feeder bays for line connections;
- » Relocation of capacitor banks; and
- » The upgrading of the existing access road into the substation.

The Komsberg MTS is located approximately 30km north of Matjiesfontein and 50km south of Sutherland within the Karoo Hoogland Local Municipality in the Northern Cape. The following property forms part of the application for the proposed expansion of the Komsberg MTS:

Portion 2 of the Farm Standvastigheid 210.

It is Eskom Holdings SoC Ltd intention to expand the Komsberg Substation in order to cope with the increase load that will be created by the number of renewable power generation facilities proposed within the area, which will connect to the Eskom grid via the Komsberg Substation. There are currently nine (9) embedded generation (renewable energy) projects in different stages of development within a 50km radius of the MTS, three (3) of which are preferred bidder projects. The expansion of the MTS is expected to result in minimal environmental impacts as the Komsberg Site has been disturbed due to the operation of the existing MTS.

Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011? YES NO

If YES, please indicate which SIPs are applicable in **Appendix 2**. You are also required to provide confirmation of SIP applications from the relevant sector representative which must be attached in **Appendix 2**

Please indicate which sector the project falls under by crossing out the relevant block in the table below:

Table 1

Green economy + "Green" and energy-saving industries		Greenfield transformation to urban or industrial form (including mining)	
Infrastructure – electricity (generation, transmission & distribution)	X	Biodiversity or sensitive area related activities	
Oil and gas		Mining value chain	
Biofuels		Potential of metal fabrication capital & transport equipment – arising from large public investments	
Nuclear		Boat building	

Basic services (local government) – electricity and electrification	Manufacturing – automotive products and components, and medium and heavy commercial vehicles	
Basic services (local government) – area lighting	Manufacturing – plastics, pharmaceuticals and chemicals	
Infrastructure – transport (ports, rail and road)	Manufacturing – clothing textiles, footwear and leather	
Basic services (local government access roads)	Forestry, paper, pulp and furniture	
Basic services (local government) – public transport	Business process servicing	
Infrastructure – water (bulk and reticulation)	Advanced materials	
Basic services (local government) – sanitation	Aerospace	
Basic services (local government) – waste management	Basic services (local government) – education	
Basic services (local government) water	Basic services (local government) – health	
Agricultural value chain + agro-processing (linked to food security and food pricing imperatives)	Basic services (local government) - housing	
Infrastructure – information and communication technology	Basic services (local government) security of tenure	
Tourism + strengthening linkages between cultural industries and tourism	Other	
Basic services (local government) – public open spaces and recreational facilities		

Table 2

Does the listed activity/ies applied for form part of a larger project which is not a listed activity itself e.g. a road that is a listed activity that is needed to access a drilling site where the drilling does not constitute a listed activity.		NO✓
If indicated yes above, please provide a brief description on how the activity/ies relate to the larger project that forms part there of:		

3. GENERAL INFORMATION

Applicant name:	Eskom Holdings SOC Ltd Eskom		
Registration number (if applicant is a company)	2002/015527/30		
Trading name (if any)	N/A		
Responsible person name (If the applicant is a company):	John Geeringh		
Applicant/ Responsible person ID number:	6007305020082		
Responsible position, e.g. Director, CEO, etc.:			
Physical address:	Megawatt Park, Maxwell Drive, Sunninghill		
Postal address:	P O Box 1091, Johannesburg		
Postal code:	2000	Cell:	082 564 5664
Telephone:	(011) 800 4643	Fax:	(011) 800 5684
E-mail:	GeerinJH@eskom.co.za	BBBEE status	N/A

Provincial Authority:	Northern Cape: Department of Environment and Nature Conservation		
Contact person:	Anga Yaphi		
Postal address:	Private Bag X6102, Kimberley		
Postal code:	8300	Cell:	
Telephone:	054 338 4800	Fax:	053 831 3530
E-mail:	ayaphi@ncpg.gov.za		

Local municipality	Karoo Hoogland Local Municipality		
Contact person:	Mr Gustav Von Mollendorf		
Postal address:	Private Bag X03 Williston Northern Cape		
Postal code:	8920	Cell:	082 569 4116
Telephone:	053 384 8600	Fax:	053 391 3924
E-mail:	khm.municipalmanager@gmail.com/ karoadmin@telkomsa.net		

In instances where there is more than one local authority involved, please attach a list of those local authorities with their contact details as **Appendix 3**.

Landowner:	Eskom Holdings SOC Ltd		
Contact person:	John Geeringh		
Postal address:	P O Box 1091, Johannesburg		
Postal code:	2000	Cell:	
Telephone:	011 800 4643	Fax:	011 800 5684
E-mail:	GeerinJH@eskom.co.za		

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as **Appendix 4**. If the applicant is not the owner or person in control of the land, proof of notice to the landowner or person in control of the land on which the activity is to be undertaken must be submitted in **Appendix 4**.

Identified Competent Authority to consider the application:	National Department of Environmental Affairs
Reason(s) in terms of S 24C of NEMA 1998 as amended	The project is an electricity generation project, and in terms of the Energy Response Plan is a national priority. The National DEA is therefore the competent authority.

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP:	Karen Jodas		
Professional affiliation/registration:	South Africa Council of Natural Scientific Professions		
Contact person (if different from EAP):	Karen Jodas		
Company:	Savannah Environmental (Pty) Ltd		
Physical address:	First Floor , Block 2, Woodlands Drive Office Park, Cnr of Woodlands and Western Service Road, Woodmead		
Postal address:	PO Box 148, Sunninghill		
Postal code:	2157	Cell:	082 665 1935
Telephone:	(011) 656 3237	Fax:	(086) 684 0547
E-mail:	karen@savannahsa.com		

If an EAP has not been appointed please ensure that an independent EAP is appointed as stipulated by Regulation 12 of GN .733, dated December 2014, prior to the commencement of the process. The declaration of independence and the Curriculum Vitae (indicating the experience with environmental impact assessment and the relevant application processes) of the EAP must also be submitted to the Department.

5. SITE DESCRIPTION

Provide a detailed description of the site involved in the application.

Province	Northern Cape Province
District Municipality	Namakwa District Municipality
Local Municipality	Karoo Hoogland Local Municipality
Ward number(s)	Ward 4 - Karoo Hoogland Local Municipality
Nearest town(s)	~20km north of Matjiesfontein and ~40 km south of Sutherland
Farm name(s) and number(s)	Standvastigheids 210
Portion number(s)	Portion 2 of the farm Standvastigheids 210

SG 21 Digit Code(s)

(If there are more than 4, please attach a list with the rest of the codes as **Appendix 5**)

Refer to Appendix 5

Portion 2 of the farm Standvastigheids 210																			
C	0	7	2	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	2
1	2			3			4					5							

Are there any other applications for Environmental Authorisation on the same property?	YES	NO
If YES, please indicate the following:		
Competent Authority		
Reference Number		
Project Name		
Please provide details of the steps taken to ascertain this information:		
<i>Details regarding other authorisations on the properties affected by this linear development will be determined through the public and authority consultation process to be undertaken as part of the Basic Assessment process.</i>		

6. ACTIVITIES TO BE AUTHORISED

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

Detailed description of listed activities associated with the project	
Listed activity as described in GN 983, 984 and 985	Description of project activity that triggers listed activity – if activities in GN 985 are triggered, indicate the triggering criteria as described in the second column of GN 985
<p>GN R.983, Activity 12 (xii)(a) The development of (xii) infrastructure or structures with a physical footprint of 100 square meters or more (a) within a watercourse (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse</p>	<p>The widening/upgrading of the access road required for the construction and maintenance activities of the Komsberg MTS could have a physical footprint of up to 100m² or more within or within 32m of a watercourse.</p>
<p>GN R.983, Activity 19 (i) The infilling or depositing of any material of more than 5 cubic metres into, or the dredging excavation, removal or moving of soil, sand, shell, shell grit, pebbles or rock of more than 5 cubic metres from- (a) a watercourse</p>	<p>The widening/upgrading of the access road required for the construction and maintenance activities of the Komsberg MTS would require infilling or removal of 5m³ or more of material into/from a watercourse for the placement of culverts.</p>
<p>GN 983, 27 (ii): The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation.</p>	<p>The expansion of the Komsberg MTS would require the clearance, of indigenous vegetation where and if necessary. The development site is ~ 19.8ha in extent. Considering the expansion is proposed in an area already disturbed by the existing MTS, the full extent of the 19.8ha would not necessarily have to be cleared.</p>
<p>GN 983, 47: The expansion of facilities or infrastructure for the transmission and distribution of electricity where the expanded capacity will exceed 275 kilovolts and the development footprint will increase.</p>	<p>The project would require the expansion of the existing Komsberg MTS which is directly related to the distribution of electricity and would increase the footprint of the MTS, albeit within the existing Eskom property.</p>
<p>GN 983, 56 (i): The widening of a road by more than 6 metres, or the lengthening of a road by more than 1 kilometre— where no reserve exists, where the existing road is wider than 8 metres;</p>	<p>The expansion of the Komsberg MTS would require the widening of an access road by potentially more than 6m where no reserve exists, where the existing road is wider than 8m in some sections. The upgrading of the road might also exceed 1km.</p>
<p>R985, Activity 14 (xii) (c) The development of – (xii) infrastructure or structures with a physical footprint of 10 square metres or more Where such development occurs- (a) within a watercourse (c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of the watercourse. (a) In Northern Cape Province: (ii) Outside urban areas, in: (dd) Sensitive areas as identified in an environmental management framework as contemplated in Chapter 5 of the Act and as adopted by the</p>	<p>The infrastructure, e.g. access road, required for the proposed project would exceed 10 square metres in size and falls within the Succulent Karoo Ecosystems Programme (SKEP) planning domain and within 32m of a non-perennial drainage line.</p>

competent authority.	
<p>R985, Activity 18 (a) (ii) (cc) The widening of a road by more than 4 metres; or the lengthening of a road by more than 1 kilometre (a) In Northern Cape Province (i) Outside urban areas, in: (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>The expansion of the Komsberg MTS will require the widening/upgrading of an access road by more than 4m, outside the urban area and falls within the Succulent Karoo Ecosystems Programme (SKEP) planning domain.</p>
<p>R985, Activity 23 (xii) (c) The expansion of -- (xii) infrastructure or structures with a physical footprint of 10 square metres or more Where such development occurs- (a) within a watercourse (c) If no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of the watercourse. (a) In Northern Cape Province: (ii) Outside urban areas, in: (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>The expansion of infrastructure, e.g. access road, required for the proposed project would exceed 10 square metres in size and falls within the Succulent Karoo Ecosystems Programme (SKEP) planning domain and within 32m of a non-perennial drainage line.</p>

Please note that any authorisation that may result from this application will only cover activities specifically applied for. Co-ordinate points indicating the location of each listed activity must be provided with the relevant report (i.e. either BAR or EIR).

Please provide a project map indicating any sensitive areas (e.g. critical biodiversity area, World Heritage Site, etc.) overlaid by the study area in **Appendix 6**.

A project schedule, indicating the different phases and timelines of the project, must be attached as **Appendix 7**.

7. PUBLIC PARTICIPATION

Provide details of the public participation process proposed for the application as required by Regulation 41(2) of GN 733, dated December 2014.

A full public participation process will be conducted and completed.

Public participation: Scoping Phase;

- » A2 site notice will be placed on the farm boundaries and strategic positions around the site.
- » A notification letter will be sent to interested and affected parties (I&APs), stakeholders and organs of state - informing them of the proposed project. Attached to this letter will be a Background Information Document (BID) which will provide information regarding the proposed project.
- » An advert will be placed in one local newspaper.
- » A notification letter will be sent to registered I&APs, stakeholders and organs of state to inform them of the availability of the Scoping Report and details of the public participation process.
- » An advert will be placed in one local newspaper to notify the public of the undertaking of the EIA process and project related information, as well as requesting the registration of I&APs, and of the availability of the Scoping Report and comment period.

Public participation during the EIA phase:

- » Notify I&APs, stakeholders and organs of state of the availability of the EIA Report and comment period.
- » An advert will be placed in one local newspaper to notify the public of the availability of the EIA Report and comment period
- » Stakeholder focus group meetings and a public meeting will be scheduled to obtain comments from stakeholders and I&APs.
- » Prepare a comments and responses report
- » Notify registered I&APs of DEA's decision and appeals process.

8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
SEMA's				
National Environmental Management: Air Quality Act		NO		NO
National Environmental Management: Biodiversity Act		NO		NO
National Environmental Management: Integrated Coastal Management Act		NO		NO
National Environmental Management: Protected Areas Act		NO		NO
National Environmental Management: Waste Act		NO		NO
National legislation				
Mineral Petroleum Development Resources Act		NO		NO
National Water Act – <i>To be determined</i>	YES	NO	YES	NO
National Heritage Resources Act		NO		NO
Others: Please specify	YES	NO	YES	NO

If authorisation is necessary in terms of the National Environmental Management: Waste Act, please contact the Department for guidance on the **Integrated Permitting System**.

9. LIST OF APPENDICES

		SUBMITTED	
		YES	NO
Appendix 1	Proof of Payment	YES	
Appendix 2	Strategic Infrastructure Projects	YES	
Appendix 3	List of Local Municipalities (with contact details)		NO
Appendix 4	List of land owners (with contact details) and proof of notification of land owners.		NO
Appendix 5	List of SGIDs		NO
Appendix 6	Project map	YES	
Appendix 7	Project schedule	YES	
Appendix 8	Declaration of Applicant	YES	
Appendix 9	Declaration of EAP	YES	

**APPENDIX 1
PROOF OF PAYMENT/ MOTIVATION FOR EXCLUSION**



Standard Bank
3 Simmonds Street, Johannesburg, 2001

P.O. Box 61344, Marshalltown, 2107
Tel. +27 (0) 860 123 007
Fax: +27 (011) 636 4156
Website: www.businessonline.standardbank.co.za

To: DEPARTMENT OF ENVIRONMENTAL AF

Date: 15-10-03

Subject: Business Online PayAlert

An electronic payment has been initiated by ACED to your bank account, details below:

Bank:	ABSA BANK
Branch:	ABSA ELECTRONIC SETTLEMENT CNT
Account Number:	1044240072
Reference:	-32.933710/20.594960
Amount:	2,000.00

Payments to Standard Bank accounts may take up to one business day to reflect.
Payments to other banks may take up to three business days. Please check your account to confirm you have received this payment.

Regards,

The Business Online team

**APPENDIX 2
STRATEGIC INFRASTRUCTURE PROJECTS**

<p>SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst</p> <ul style="list-style-type: none"> ● Unlock mineral resources ● Rail, water pipelines, energy generation and transmission infrastructure ● Thousands of direct jobs across the areas unlocked ● Urban development in Waterberg – first major post-apartheid new urban centre will be a “green” development project ● Rail capacity to Mpumalanga and Richards Bay ● Shift from road to rail in Mpumalanga ● Logistics corridor to connect Mpumalanga and Gauteng. 	
<p>SIP 2: Durban-Free State-Gauteng logistics and industrial corridor</p> <ul style="list-style-type: none"> ● Strengthen the logistics and transport corridor between SA’s main industrial hubs ● Improve access to Durban’s export and import facilities ● Integrate Free State Industrial Strategy activities into the corridor ● New port in Durban ● Aerotropolis around OR Tambo International Airport. 	
<p>SIP 3: South-Eastern node & corridor development</p> <ul style="list-style-type: none"> ● New dam at Mzimvubu with irrigation systems ● N2 Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains ● Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape ● A manganese sinter (Northern Cape) and smelter (Eastern Cape) ● Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector. 	
<p>SIP 4: Unlocking the economic opportunities in North West Province</p> <ul style="list-style-type: none"> ● Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure ● Enabling reliable supply and basic service delivery ● Facilitate development of mining, agricultural activities and tourism opportunities ● Open up beneficiation opportunities in North West Province. 	
<p>SIP 5: Saldanha-Northern Cape development corridor</p> <ul style="list-style-type: none"> ● Integrated rail and port expansion ● Back-of-port industrial capacity (including an IDZ) ● Strengthening maritime support capacity for oil and gas along African West Coast ● Expansion of iron ore mining production and beneficiation. 	
<p>SIP 6: Integrated municipal infrastructure project</p> <p>Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.</p>	
<p>SIP 7: Integrated urban space and public transport programme</p> <p>Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.</p>	

<p>SIP 8: Green energy in support of the South African economy Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.</p> <p><i>Indicate capacity in MW:</i></p>	
<p>SIP 9: Electricity generation to support socioeconomic development Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.</p> <p><i>Indicate capacity in MW:</i></p>	
<p>SIP 10: Electricity transmission and distribution for all Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development. Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.</p>	
<p>SIP 11: Agri-logistics and rural infrastructure Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small scale farming and rural development, including facilities for storage (silos, fresh produce facilities, packing houses); transport links to main networks (rural roads, branch train line, ports), fencing of farms, irrigation schemes to poor areas, improved R&D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.</p>	
<p>SIP 12: Revitalisation of public hospitals and other health facilities Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals.</p>	
<p>SIP 13: National school build programme A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding.</p>	
<p>SIP 14: Higher education infrastructure Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built in Northern Cape and Mpumalanga.</p>	
<p>SIP 15: Expanding access to communication technology Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infracore fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas. While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity. The school roll-out focus is initially on the 125 Dinaledi (science and maths focussed) schools and</p>	

<p>1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.</p>	
<p>SIP 16: SKA & Meerkat SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.</p>	
<p>SIP 17: Regional integration for African cooperation and development Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%.</p> <p>The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term.</p> <p>All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.</p>	
<p>SIP 18: Water and sanitation infrastructure A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation.</p> <p>The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.</p>	

**APPENDIX 3 (NOT APPLICABLE)
LIST OF LOCAL MUNICIPALITIES**

**APPENDIX 4
LIST OF LAND OWNERS
PROOF OF NOTIFICATION OF LAND OWNERS- NOT APPLICABLE**














APPENDIX 5 (NOT APPLICABLE)
LIST OF SGIDS

**APPENDIX 6
PROJECT MAP**




Proposed Komsberg Substation Expansion Northern Cape

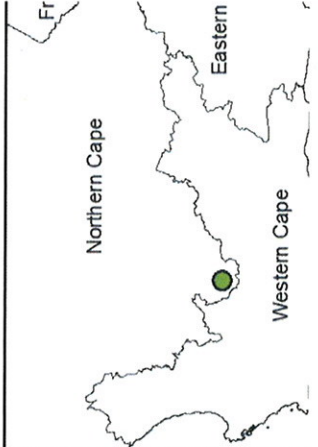
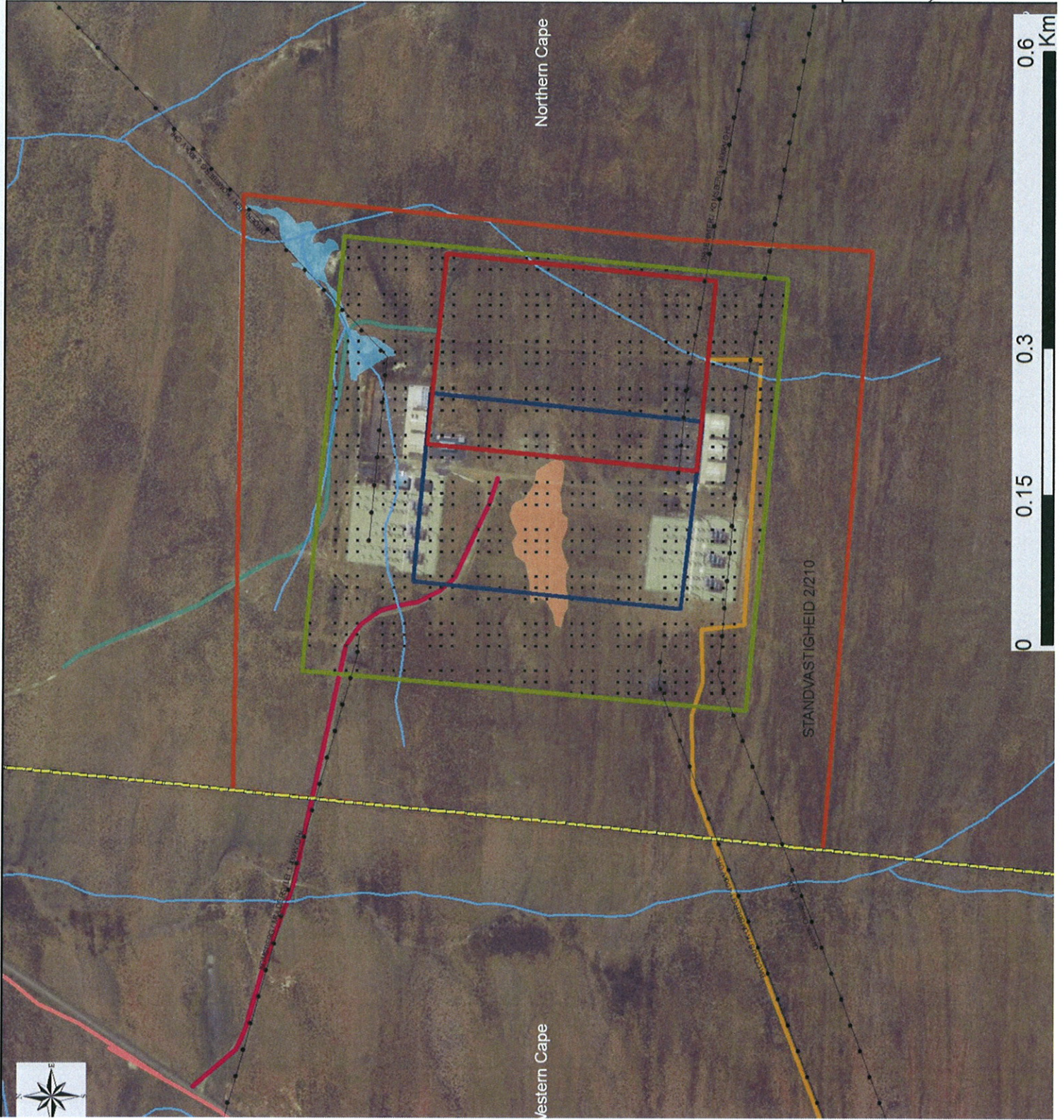
Sensitivity Map

Legend

-  Secondary road
-  Perennial river
-  Non perennial river
-  Existing Overhead Power Line
-  Provincial Boundary
-  Farm Portions
-  Affected Farm Portion
-  Assessed Area
-  High Voltage Yard (Preferred)
-  High Voltage Yard (Alternative)
-  Access Road Alternative 1 (Preferred)
-  Access Road Alternative 2 (Alternative)
-  Access Road Alternative 3 (Alternative)

Ecological Sensitivities:

-  Drainage lines
-  Drainage Line - Medium Sensitivity
-  Rocky Patch - Medium Sensitivity



**APPENDIX 7
PROJECT SCHEDULE**

KOMSBERG SUBSTATION BASIC ENVIRONMENTAL ASSESSMENT PROCESS

ID	Task Name	Duration	Start	Finish	August	September	October	November	December	January	February	March	April
1	Collect and review project information	2 wks	Mon 15-08-24	Fri 15-09-04									
2	Undertake specialist studies	3 wks	Mon 15-08-24	Fri 15-09-11									
3	Compile application for authorisation	5 days	Mon 15-09-21	Mon 15-09-28									
4	Submit Application for Authorisation	0 days	Mon 15-09-28	Mon 15-09-28									
5	Receive acceptance of application and EIA Reference number	15 edays	Mon 15-09-28	Tue 15-10-13									
6	Basic Assessment	41 days	Mon 15-09-07	Tue 15-11-03									
7	Compile Basic Assessment Report	7 days	Mon 15-09-07	Tue 15-09-15									
8	Client review	5 days	Wed 15-09-16	Tue 15-09-22									
9	Finalise BAR for public review	3 days	Wed 15-09-23	Mon 15-09-28									
10	Advertising of Basic Assessment process & notification to I&APs & stakeholders	0 days	Mon 15-09-28	Mon 15-09-28									
11	Public review of draft Basic Assessment report (30 days)	30 edays	Mon 15-09-28	Wed 15-10-28									
12	Finalise & submit Basic Assessment Report to DEA	4 days	Thu 15-10-29	Tue 15-11-03									
13	Authority review of Basic Assessment report	75 days	Wed 15-11-04	Wed 16-03-09									
14	Review & authorisation (107 days)	15 wks	Wed 15-11-04	Wed 16-03-09									
15	Receive environmental authorisation	0 days	Wed 16-03-09	Wed 16-03-09									
16	Notify registered I&APs of environmental authorisation	2 days	Thu 16-03-10	Fri 16-03-11									

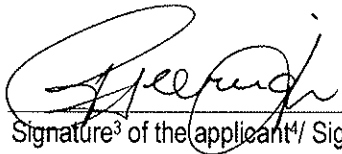
**APPENDIX 8
DECLARATION OF THE APPLICANT**

I, JOHN HENRY GEERINGH declare that I -

- am, or represent¹, 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 practitioner²;
- 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 Regulations, 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 the Regulations and will take reasonable steps to verify that the EAP
 - know the Act and the regulations, and how they apply to the proposed development
 - know any applicable guidelines
 - perform the work objectively, even if the findings do not favour the applicant
 - disclose all information which is important to the application and the proposed development
 - have expertise in conducting environmental impact assessments
 - 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 48 and is punishable in terms of section 24F of the Act.

¹ If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

² 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.



Signature³ of the applicant⁴/ Signature on behalf of the applicant:

Eskom Holdings SOC Ltd

Name of company (if applicable):

13/10/2015

Date:

³ Only original signatures will be accepted. No scanned, copied or faxed signatures will be accepted.

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.

Mr John Geeringh
Land Development Programme Manager

Date:
7 July 2014

Enquiries: Gert Kruger
Tel +27 11 800 4643

Dear Mr John Geeringh

DELEGATION OF AUTHORITY: PROGRAMME MANAGER

In terms of the powers, duties and authorities delegated to me by the Eskom Holdings SOC Ltd in terms of the Delegation of Authority as approved by the Board on 27 February 2013, and effective from 1 April 2013.

In my capacity as Acting Group Executive Group Capital, do hereby delegate with immediate effect from the date hereof to the Middle Manager Programme Management: Land Development (Eskom Real Estate) the authority to sign and execute the following:

- Agreements and documentations necessary for the acquisition of land, servitudes, leases and other
- Environmental Applications
- Permits and licence application

This delegation shall be valid from 1 June 2014 to 31 May 2016 or you ceasing for any reason whatsoever at any time prior to 31 May 2016 from acting in your position as Programme Manager or this delegation is withdrawn either by myself or the Chief Executive. Please ensure that you are familiar with the content of the above document and that your actions fall within the limits prescribed. This delegation supersedes all previous documents delegating power, duties and authorities in this regard to the undersigned.

Please acknowledge acceptance hereof:

Yours sincerely



Dan Marokane
Group Executive: Group Capital

Acceptance



John Geeringh
Programme Manager

**APPENDIX 9
DECLARATION OF THE EAP**

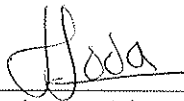
I, **Karen Jodas**, declare that –

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 48 of the Regulations 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 Regulations;
- ~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~



Signature of the environmental assessment practitioner:

Savannah Environmental (Pty) Ltd

Name of company:

13/10/2015

Date: