



## 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

Proposed Aggeneis-Paulputs 400kV Transmission Powerline and Substations Upgrades, 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. 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.
5. This application must be handed in at the offices of the relevant competent authority as determined by the Act and Regulations.
6. 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).
7. 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.
8. 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.

9. 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](mailto: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 (NOT APPLICABLE)**.

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: <a href="mailto:eiafee@environment.gov.za">eiafee@environment.gov.za</a></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: .....</p>
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## 2. PROJECT DESCRIPTION

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

The proposed 400kV overhead transmission powerline would be constructed from Aggeneis substation near Aggeneys mining town to Paulputs substation near Pofadder town in the Northern Cape Province. The length of the proposed line is approximately 97km, depending on the final route alignment.

To facilitate final route determination, three possible alternative route corridors of 2km wide (1km on either side of the centre line) were identified. The purpose of having a 2km corridor is to ensure more space for biodiversity assessment surveys along the corridor and to avoid any environmental sensitive features during the powerline construction along the route. Once the final route corridor is authorised, subsequently a 55m servitude would be acquired within the 2km corridor, which would require negotiations with the affected landowners. In addition, the corridors closer towards Paulputs substation would span by 4km. This is to allow sufficient space within the corridors, to avoid clashes with the Independent Power Producers (IPPs) in proximity to Paulputs substation (map provided in Appendix 6)

Furthermore, the transmission powerline would require support structures and towers. The tower types would approximately be 30m to 35m in height and a footprint area ranging from approximately 64m<sup>2</sup> to 3 400m<sup>2</sup>, depending on the tower type used. The distance between each tower would be spaced at intervals of approximately 400m. The actual number of towers, the type of towers and other support structures associated with the proposed powerline would be confirmed and detailed at a later stage following approval of the proposed powerline corridor. In general, the type of towers to be used would consider weight, the area (e.g. topography characteristic), height, costs and erection time. In addition, transmission powerline routes are planned with as few bends as possible.

The project will entail the capacity upgrade of the existing Aggeneis substation and the Paulputs substation, to accommodate additional transmission capacity. Furthermore, both Aggeneis and Paulputs substations would require expansion of the footprint.

Upgrade at Aggeneis substation:

- Aggeneis is an existing substation with a footprint of approximately 11.6ha and will require expansion of the footprint;
- The substation will be populated by the designated 2<sup>nd</sup> feeder bay on the 400kV side;
- Aggeneis will require a new 400/132kV Transformer. However there will be no need for additional oil collection dams as they already exist at the substation.

Upgrade at Paulputs substation:

- Paulputs is an existing substation with a current footprint of approximately 3ha;
- The substation will be expanded by approximately 7.8ha on the south easterly side of the proposed 400kV terrace;
- The Paulputs substation will be populated by the designated 2<sup>nd</sup> feeder bay on the 220kV side; and
- There will be an addition of a 500MVA 400/132kV transformer, which will require an oil collection dam for storage of the transformer oil.

At Aggeneis and Paulputs substations, storage of diesel vehicle fuel will be required. The diesel vehicle fuel of approximately 10m<sup>3</sup> would be stored in containers (at a time) at the substations for refuelling of construction vehicles. Furthermore, transformer oil will be stored at Paulputs substation. The oil collection dam would be built to collect and store the transformer oils in cases of spillages. The oil collection dam capacity will be approximately 120m<sup>3</sup>.

Vehicular access may be required along the route for construction and maintenance purposes. A vehicle access road is usually required to be established to allow access along the entire length of the servitude. Access is required during both the construction and operation/maintenance phases of the transmission powerline life cycle. Any new access roads that are required will be established during the construction phase and are established more by vehicle passage than by grading or blading. In order to reduce potential impacts associated with the construction of new access roads, existing roads will be used as far as possible where available and new access roads will be constructed by means of driving over the vegetation where possible to avoid permanent removal of the existing vegetation.

Vegetation clearance for the proposed powerline will be minimal due to the characteristic low-growing plant species predominant in the study area. The clearing of vegetation would be undertaken in accordance with the minimum standards to be used for vegetation clearing for the proposed new powerline construction.

Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?	YES	<del>NO</del>
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If YES, please indicate which SIPs are applicable in **Appendix 2 (NOT APPLICABLE)**. 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)	<del>X</del>	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.	YES	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		
Registration number (if applicant is a company)	Reg No. 2002/015527/30		
Trading name (if any)	Eskom Holdings SOC Ltd		
Responsible person name (If the applicant is a company):	Martina Phiri		
Applicant/ Responsible person ID number:	7201040513084		
Responsible position, e.g. Director, CEO, etc.:	Programme Manager: Land Development		
Physical address:	1 Maxwell Drive, Sunninghill, Sandton		
Postal address:	PO Box 1091, Johannesburg		
Postal code:	2000	Cell:	082 468 2137
Telephone:	011 800 3550	Fax:	086 607 0618
E-mail:	phirim@eskom.co.za	BBBEE status	

Provincial Authority:	Northern Cape Department of Environment and Nature Conservation		
Contact person:	Ms Dineo Moleko		
Postal address:	PO Box X6102, Kimberly		
Postal code:	8300	Cell:	
Telephone:	053 807 7476	Fax:	051 400 9593
E-mail:	d.moleko@ncpg.gov.za		

Local municipality	Khai-Ma Local Municipality		
Contact person:	Mr Alfredo Green		

Postal address:	PO Box 108, Pofadder		
Postal code:	8890	Cell:	073 840 9492
Telephone:	054 933 1017	Fax:	
E-mail:	mayor@khaima.gov.za		

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 (NOT APPLICABLE)**.

Landowner:	See Appendix 4		
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 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, Pretoria.
Reason(s) in terms of S 24C of NEMA 1998 as amended	Eskom is a parastatal and the proposed project is a national project. As such the Competent Authority indicated above is the relevant department to consider the application.

#### 4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP:	Judith Fasheun		
Professional affiliation/registration:	SACNASP Reg No. 300019/14 <i>Cert.Sci.Nat</i>		
Contact person (if different from EAP):	Judith Fasheun		
Company:	Mokgope Consulting cc		
Physical address:	49 3 <sup>rd</sup> Avenue, Highlands North, Johannesburg,		
Postal address:	PO Box 2363, Highlands North		
Postal code:	2063	Cell:	076 876 2672
Telephone:	011 400 1817	Fax:	086 607 9481
E-mail:	judy@mokgope.co.za		

If an EAP has not been appointed please ensure that an independent EAP is appointed as stipulated by Regulation 12 of GN R.982, 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
District Municipality	Namakwa
Local Municipality	Khai-Ma
Ward number(s)	Difficult to obtain for a Linear Development
Nearest town(s)	Aggeneis, Pella and Pofadder
Farm name(s) and number(s)	See <b>Appendix 5</b>
Portion number(s)	

SG 21 Digit Code(s)

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

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

Are there any other applications for Environmental Authorisation on the same property?	YES	<input checked="" type="checkbox"/> NO
If YES, please indicate the following:		
Competent Authority		
Reference Number		
Project Name		
Please provide details of the steps taken to ascertain this information:		

## 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 R 983, 984 and 985	Description of project activity that triggers listed activity
<p><b>No R 983</b> <b>14:</b> of Listing Notice 1 of 2014</p> <p>The development 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 80m<sup>3</sup> or more but not exceeding 500m<sup>3</sup>.</p>	<p>Oil collection dams will be built to collect and store transformer oils in cases of spillages at Paulputs substation only.</p> <p>The oil collection dam will be built to accommodate a capacity of 120m<sup>3</sup> of transformer oil. Therefore the capacity of the oil dam will exceed the threshold of 80m<sup>3</sup> but less than 500m<sup>3</sup>.</p>
<p><b>No R 983</b> <b>47:</b> of Listing Notice 1 of 2014</p> <p>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 both Aggeneis and Paulputs substations will require expansion of the capacity: which will be populated by the designated 2<sup>nd</sup> feeder bay; and with an addition of the 400/132kV Transformer to accommodate the proposed 400kV Powerline.</p> <p>In particular, Paulputs substation footprint will be expanded by approximately 7.8ha on the south easterly side of the proposed 400kV terrace.</p>
<p><b>No R 983</b> <b>49 (v) (a) (c):</b> of Listing Notice 1 of 2014</p> <p>The expansion of:</p>	<p>Aggeneis and Paulputs substations will be expanded by more than 100m<sup>2</sup> within a watercourse and within 32m of a watercourse.</p> <p>In particular, Paulputs substation will be</p>

<p>(v) infrastructure or structures where the physical footprint is expanded by 100 square metres or more;</p> <p>where such expansion or expansion and related operation occurs:</p> <p>(a) within a watercourse; and (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse.</p>	<p>expanded by approximately 7.8ha on the south easterly side of the proposed 400kV terrace.</p>
<p><b>No R 984</b> <b>9:</b> of Listing Notice 2 of 2014</p> <p>The development of facilities or infrastructure for the transmission and distribution of electricity with a capacity of 275 kilovolts or more, outside an urban area or industrial complex.</p>	<p>The proposed project involves the construction of a 400kV transmission powerline, to be operated at 220kV until future need for it to be operated at 400kV. The powerline will connect from the Aggeneis substation (approximately 5km south west of a mining town of Aggeneys) to Paulputs substation (approximately 35km north east of the town called Pofadder) in the Northern Cape Province. The length of the powerline will be approximately 97km, depending on the final route alignment.</p>
<p><b>No R 985</b> <b>4: (a) ii (bb) (ee):</b> of Listing Notice 3 of 2014</p> <p>The development of a road wider than 4 metres with a reserve less than 13,5 metres.</p> <p>(a) Northern Cape province:</p> <p>ii. Outside urban areas, in:</p> <p>(bb) National Protected Area Expansion Strategy Focus areas; and</p> <p>(ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.</p>	<p>During the operation phase of the power line, the access road within the negotiated servitude of approximately 55m will be a gravel road wider than 4m with a reserve less than 13,5m. Negotiations between the landowner, contractor and Eskom Transmission will be undertaken in order to determine the final access routes.</p> <p><u>Geographical Areas</u></p> <p>The powerline corridors traverse CBAs (T1 and T2) as well as ESAs through-out its extent. Both the T1 (Critical Terrestrial Habitats) and T2 (Important Terrestrial Areas) were identified by experts as being important for biodiversity areas and include features such as quartz patches, as well as important fauna habitats (Eyssell, 2016).</p> <p>The majority of the southern extent (heading towards Aggeneis substation) of all three proposed powerline corridors will traverse the Kamiesberg Bushmanland Augrabies Focus Area. This focus area represents the largest remaining natural area for the expansion of the protected area network and forms part of the planned Lower Orange River Trans-frontier conservation area (Eyssell, 2016).</p>

<p><b>No R 985</b> <b>12 (d) (ii):</b> of Listing Notice 3 of 2014</p> <p>The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan.</p> <p>(d) In Northern Cape</p> <p>(ii) Within any critically biodiversity area identified bioregional plans.</p>	<p>The working areas for tower construction will range from approximately 64m<sup>2</sup> to 3 400m<sup>2</sup>. The working area footprints that are more than 300m<sup>2</sup> will require vegetation clearance of 300m<sup>2</sup> or more, where the vegetation cover constitutes indigenous vegetation.</p> <p><u>Geographical Areas</u> The powerline corridors traverse CBAs (T1 and T2) as well as ESAs through-out its extent. Both the T1 (Critical Terrestrial Habitats) and T2 (Important Terrestrial Areas) were identified by experts as being important for biodiversity areas and include features such as quartz patches, as well as important fauna habitats (Eyssell, 2016).</p>
<p><b>No R 985</b> <b>14: (xii) (a) (c) (a) ii (bb) (ff):</b> of Listing Notice 3 of 2014</p> <p>The development of:</p> <p>(xii) infrastructure or structures with a physical footprint of 10m<sup>2</sup> or more;</p> <p>Where such development occurs:</p> <p>(a) within a watercourse; and</p> <p>(c) within 32m of a watercourse, measured from the edge of the watercourse.</p> <p>(a) In Northern Cape:</p> <p>ii. Outside urban areas, in:</p> <p>(bb) National Protected Area Expansion Strategy Focus areas; and</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>The footprint working area for each of the tower structures to be constructed will range from approximately 64m<sup>2</sup> to 3 400m<sup>2</sup>, depending on the type of towers to be used at different points along the route alignment. The area footprints exceed the threshold of 10m<sup>2</sup>. Some of the tower structures will be constructed within a watercourse and within 32m of a watercourse.</p> <p>The proposed powerline routes will overlap with numerous non-perennial rivers and drainage lines. The watercourses that will be affected will be determined along the final chosen route alignment prior to construction phase of the project. Applications for water use licenses and rehabilitation will be undertaken prior to the operational phase.</p> <p><u>Geographical Areas</u> The powerline corridors traverse CBAs (T1 and T2) as well as ESAs through-out its extent. Both the T1 (Critical Terrestrial Habitats) and T2 (Important Terrestrial Areas) were identified by experts as being important for biodiversity areas and include features such as quartz patches, as well as important fauna habitats (Eyssell, 2016).</p> <p>The majority of the southern extent (heading towards Aggeneis substation) of all three proposed powerline corridors will traverse the Kamiesberg Bushmanland Augrabies Focus Area. This focus area represents the largest remaining natural area for the expansion of the protected area network and forms part of the planned Lower Orange River Trans-frontier conservation area (Eyssell, 2016).</p>

<p><b>No R 985</b>  <b>18: (a) ii (bb) (ee):</b> of Listing Notice 3 of 2014</p> <p>The widening of a road by more than 4 metres, or the lengthening of a road by more than 1 kilometre.</p> <p>(a) Northern Cape province:</p> <p>ii. Outside urban areas, in:</p> <p>(bb) National Protected Area Expansion Strategy Focus areas; and</p> <p>(ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.</p>	<p>The proposed Corridor 1 from Aggeneis to Paulputs follows the existing 220kV Powerline which already has an existing access road. If Corridor 1 becomes the chosen route for the construction of the proposed 400kV powerline, the existing road will require widening by 4m.</p> <p><u>Geographical Areas</u></p> <p>The powerline corridors traverse CBAs (T1 and T2) as well as ESAs through-out its extent. Both the T1 (Critical Terrestrial Habitats) and T2 (Important Terrestrial Areas) were identified by experts as being important for biodiversity areas and include features such as quartz patches, as well as important fauna habitats (Eyssell, 2016).</p> <p>The majority of the southern extent (heading towards Aggeneis substation) of all three proposed powerline corridors will traverse the Kamiesberg Bushmanland Augrabies Focus Area. This focus area represents the largest remaining natural area for the expansion of the protected area network and forms part of the planned Lower Orange River Trans-frontier conservation area (Eyssell, 2016).</p>
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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 R .982, dated December 2014.

<p><b>1. PUBLIC AND STAKEHOLDER PARTICIPATION DURING SCOPING PHASE</b></p> <p><b>1.2 Background Information Document</b></p> <p>A Background Information Document (BID) was drafted, ratified and approved by the client before it was circulated to all identified I&amp;APs. The BID encourages all individuals to contact Mokgope Consulting should they wish to be registered on the I&amp;AP database and / or make a comment regarding the proposed project. The BID was circulated to affected landowners on 21/07/2016.</p> <p><b>1.3 Registration as Interested and Affected Parties</b></p> <p>All I&amp;APs were notified of the project through: site notice posters; telephonic conversations; post; e-mailed, as well as advertising in Namakwalander and</p>
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Gemsbok Newspapers. The following methodology was utilised to identify all major stakeholders and landowners affected by the powerline alternative corridors:

- GIS data available;
- Landowners address records from Khai-ma Municipality in Pofadder;
- Researching relevant local, provincial and / or national stakeholders; and
- Information from the mining sector in Aggeneys town.

#### **1.4 Identification of I&APs**

Criteria used to identify I&APs affected is as follows:

- Landowners within the 2km radius of the proposed transmission line construction and substations upgrade;
- Landowners and occupiers of land in close proximity to the proposed alternative route alignments and substations;
- Industries and other projects in the vicinity of the proposed development; and
- Government Departments in the Northern Cape.

Names and contact details of the affected landowners are recorded on the I&AP database provided in Appendix 4. The first contact particularly with landowners was in the form of Background Information Document (BID). The I&APs Register will be updated continuously at each stage of the EIA process.

#### **1.5 Newspaper Adverts**

Adverts were published in the following newspapers in English and Afrikaans: Gemsbok and Namakwalanders. Apparently these two newspapers are widely read in the towns (Aggeneys; Pofadder and Pella) close to the study area of the proposed Aggeneis-Paulputs Project.

The advertisements were calling for registration of I&APs on the project register, announcing the availability of the DSR and announcing the public meetings that were held 25 and 26 October 2016.

#### **1.6 Site Notices**

Site notices were posted in October 2016 a week before the Public meetings, at various focal points in Aggeneys town, Pella town and Pofadder town. These towns are in close proximity to the proposed development.

#### **1.7 Involvement of Key Stakeholders**

The affected local authorities and organisations were also contacted to introduce the project and identify relevant people to engage with during the project execution process. Names of representatives from these authorities and organisations are included in the Stakeholders database and would receive project correspondence. Written notification of the project together with the DSR was emailed to the relevant stakeholders.

#### **1.8 Public Meetings**

Public meetings were held at Aggeneys town and Pella town on 25 October 2016 and on 26 October 2016 at Pofadder town. During the public participation meetings, presentations from Eskom technical team and the EAP were presented at the meetings.

The purpose of the meetings were:

- To introduce the project to the local I&APs;

- To identify issues pertinent to the project;
- Invite people to register as I&APs;
- To link Eskom, the consultant (EAP) and local communities; and
- To provide I&APs with an opportunity to participate in the identification of feasible alternatives.

### **1.9 Public review of Draft Scoping Report**

All I&APs and stakeholders would be given the opportunity to review and comment on the Draft Scoping Report (DSR). The report was placed at the Recreational Club in Aggeneys; Pofadder library and Pella library. To inform landowners of the availability of the report, written notices would be sent to them. In addition advertisements in English and Afrikaans were published in the relevant newspapers to inform the public.

All key stakeholders and I&APs were afforded a minimum of 30 days to comment on the DSR. All I&APs and stakeholders will be given an opportunity to forward their written comments, objections, inputs and queries within that period. This would be done in order to assess and provide stakeholders and I&APs an opportunity to comment on the alternative corridors that would be recommended during the EIA Phase. All comments received from stakeholders and I&APs would be acknowledged and contained in the “Comments and Response Report”, which will be included in the Final Scoping Report.

## **2. PUBLIC PARTICIPATION DURING THE EIA PHASE**

All stakeholders and registered I&APs will be given the opportunity to review the draft EIR in accordance with the Environmental Regulation R982. The report will be placed in public places that include Libraries in Pella and Pofadder and at the Recreational Club in Aggeneys. Advertising in English / Afrikaans on the availability of the report at public places will take place to inform stakeholders and registered I&APs. In addition, stakeholders and registered I&APs will be informed of the availability of the report through notification letters.

A minimum of 30 days comment period will be allowed and all stakeholders and I&APs will be given an opportunity to forward their written comments, objections, inputs and queries within that period. This will be done in order to assess and provide I&APs an opportunity to comment on the specialist studies, corridor alternatives that have been investigated, recommendations and conclusions.

All issues identified during this public review period would be documented and compiled into a Comments and Response Report. The Environmental Assessment Practitioner (EAP) undertaking the public participation process will communicate with the stakeholders and I&APs throughout the duration of the project.

### **2.1 Public Meetings**

Public meetings would be held during the EIA phase. Similar to the Scoping phase, during the public participation meetings, presentations would be presented by Eskom and EAP. The notification of the meetings and availability of the Draft EIR to the public would be advertised in Gemsbok and Namkwalanders newspapers in English and Afrikaans. In addition, site notices would be placed at focal points in Aggeneys, Pella and Pofadder towns.

## 8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
<b>SEMas</b>				
National Environmental Management: Air Quality Act	YES	<del>NO</del>	YES	NO
National Environmental Management: Biodiversity Act	YES	<del>NO</del>	YES	NO
National Environmental Management: Integrated Coastal Management Act	YES	<del>NO</del>	YES	NO
National Environmental Management: Protected Areas Act	YES	<del>NO</del>	YES	NO
National Environmental Management: Waste Act	YES	<del>NO</del>	YES	NO
<b>National legislation</b>				
Mineral Petroleum Development Resources Act	YES	<del>NO</del>	YES	NO
National Water Act	<del>YES</del>	NO	YES	<del>NO</del>
National Heritage Resources Act	<del>YES</del>	NO	YES	<del>NO</del>
Others: Please specify	YES	NO	YES	NO

**Please Note:** Applications from National Water Act and National Heritage Resources Act may or may not be required, depending on the findings from the Wetland Assessments and Heritage Assessments, which will be conducted during the EIR Phase. Furthermore, the above applications will only be conducted once Eskom has knowledge of which proposed Corridor is authorised.

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	
Appendix 1	Motivation for exclusion	YES	<del>NO</del>
Appendix 2	Strategic Infrastructure Projects	YES	<del>N/A</del>
Appendix 3	List of Local Municipalities (with contact details)	YES	<del>N/A</del>
Appendix 4	List of land owners (with contact details) and proof of notification of land owners.	<del>YES</del>	NO
Appendix 5	List of SGIDs	<del>YES</del>	N/A
Appendix 6	Project map	<del>YES</del>	NO
Appendix 7	Project schedule	<del>YES</del>	N/A
Appendix 8	Declaration of Applicant	<del>YES</del>	NO
Appendix 9	Declaration of EAP	<del>YES</del>	NO

**APPENDIX 1  
MOTIVATION FOR EXCLUSION**

**NOT APPLICABLE**

**APPENDIX 2  
STRATEGIC INFRASTRUCTURE PROJECTS**

**NOT APPLICABLE**

<p><b>SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst</b></p> <ul style="list-style-type: none"> <li>• Unlock mineral resources</li> <li>• Rail, water pipelines, energy generation and transmission infrastructure</li> <li>• Thousands of direct jobs across the areas unlocked</li> <li>• Urban development in Waterberg - first major post-apartheid new urban centre will be a “green” development project</li> <li>• Rail capacity to Mpumalanga and Richards Bay</li> <li>• Shift from road to rail in Mpumalanga</li> <li>• Logistics corridor to connect Mpumalanga and Gauteng.</li> </ul>	
<p><b>SIP 2: Durban-Free State-Gauteng logistics and industrial corridor</b></p> <ul style="list-style-type: none"> <li>• Strengthen the logistics and transport corridor between SA’s main industrial hubs</li> <li>• Improve access to Durban’s export and import facilities</li> <li>• Integrate Free State Industrial Strategy activities into the corridor</li> <li>• New port in Durban</li> <li>• Aerotropolis around OR Tambo International Airport.</li> </ul>	
<p><b>SIP 3: South-Eastern node &amp; corridor development</b></p> <ul style="list-style-type: none"> <li>• New dam at Mzimvubu with irrigation systems</li> <li>• N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains</li> <li>• Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape</li> <li>• A manganese sinter (Northern Cape) and smelter (Eastern Cape)</li> <li>• Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector.</li> </ul>	
<p><b>SIP 4: Unlocking the economic opportunities in North West Province</b></p> <ul style="list-style-type: none"> <li>• Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure</li> <li>• Enabling reliable supply and basic service delivery</li> <li>• Facilitate development of mining, agricultural activities and tourism opportunities</li> <li>• Open up beneficiation opportunities in North West Province.</li> </ul>	
<p><b>SIP 5: Saldanha-Northern Cape development corridor</b></p> <ul style="list-style-type: none"> <li>• Integrated rail and port expansion</li> <li>• Back-of-port industrial capacity (including an IDZ)</li> <li>• Strengthening maritime support capacity for oil and gas along African West Coast</li> <li>• Expansion of iron ore mining production and beneficiation.</li> </ul>	
<p><b>SIP 6: Integrated municipal infrastructure project</b> 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><b>SIP 7: Integrated urban space and public transport programme</b> 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</p>	

all the metros in South Africa. Significant work is underway on urban transport integration.	
<p><b>SIP 8: Green energy in support of the South African economy</b> 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><b>SIP 9: Electricity generation to support socioeconomic development</b> 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><b>SIP 10: Electricity transmission and distribution for all</b> 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><b>SIP 11: Agri-logistics and rural infrastructure</b> 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&amp;D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.</p>	
<p><b>SIP 12: Revitalisation of public hospitals and other health facilities</b> 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><b>SIP 13: National school build programme</b> 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><b>SIP 14: Higher education infrastructure</b> 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><b>SIP 15: Expanding access to communication technology</b> 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,</p>	

<p>government will co-invest for township and rural access, as well as for e-government, school and health connectivity.</p> <p>The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.</p>	
<p><b>SIP 16: SKA &amp; Meerkat</b></p> <p>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><b>SIP 17: Regional integration for African cooperation and development</b></p> <p>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><b>SIP 18: Water and sanitation infrastructure</b></p> <p>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 (IF APPLICABLE)  
LIST OF LOCAL MUNICIPALITIES**

**NOT APPLICABLE**

**APPENDIX 4  
LIST OF LAND OWNERS  
PROOF OF NOTIFICATION OF LAND OWNERS**

**APPENDIX 5 (IF APPLICABLE)  
LIST OF SGIDS**

**APPENDIX 6  
PROJECT MAPS**

**APPENDIX 7  
PROJECT SCHEDULE**

**APPENDIX 8  
DECLARATION OF THE APPLICANT**

I, **Martina Phiri** declare that I -

- am, or represent<sup>1</sup>, 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 practitioner<sup>2</sup>;
- 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.

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

<sup>2</sup> 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.

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Signature<sup>3</sup> of the applicant<sup>4</sup>/ Signature on behalf of the applicant:

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Name of company (if applicable):

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Date:

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<sup>3</sup> Only original signatures will be accepted. No scanned, copied or faxed signatures will be accepted.

<sup>4</sup> 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.

**APPENDIX 9  
DECLARATION OF THE EAP**

I, **Judith Fasheun** 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**

- 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.



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Signature of the environmental assessment practitioner:

Mokgope Consulting cc

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Name of company:

10/03/2017

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Date: