



Anderson Dinaledi 400kV Powerline and 400kV Substation: Landowner Meeting

DEA Ref No's 12/12/20/1567 & 12/12/20/1568

DATE: 9 December 2010
TIME: 11:00-12:00
VENUE: Nemai Consulting
147 Bram Fischer Drive
Randburg
CHAIRPERSON: Sonja van Eden

1. Attendance

Name	Organisation	Contact No	E-mail
Project Team:			
Sonja van Eden (SvE)	Nemai Consulting	011 781 1730	sonjav@nemai.co.za
Lucia Chauke (LC)	Eskom Transmissions	011 800 4429	Lucia.chauke@eskom.co.za
Solomon Tsolo (ST)	Eskom Transmissions	011 800 6473	tsoloms@eskom.co.za
Jamila Gwafila (JG)	Eskom	011 800 3255	gwafilj@eskom.co.za
Given Masuku (GM)	Eskom Transmissions	012 421 3491	masukug@eskom.co.za
Landowner/Estate Representative			
John van Vuuren (JvV)	Estate D'Afrique	082 562 3522	johnvanvuuren@gmail.com

2. Apologies

None

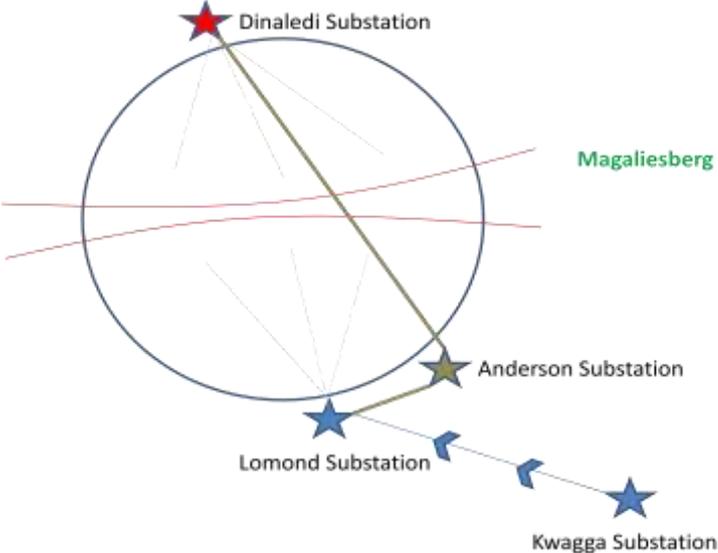
3. Agenda Items and Discussions

No.	Item	Action
1	WELCOME AND INTRODUCTION	
1.1	Sonja van Eden (SvE) welcomed all present. SvE introduced Mr van Vuuren (JvV) and indicated that JvV requested to have a meeting with Nemai and Eskom to	

No.	Item	Action
	<p>discuss some issues and concerns with regards to the proposed development prior to submitting formal comment to Nema regarding the proposed projects for inclusion in the Final Scoping Report.</p>	
1.2	<p>JvV indicated that he is representing Estate D' Afrique which is located directly south east of the Hartebeespoort Dam. JvV indicated that there is a number of estates located in this area which includes Port Provence, Beau Rivage and a new proposed estate. Mentioned that he is also a member of the NECSA Public Safety Information Forum (PSIF).</p> <p>Mentioned that the estates in the area is not directly affected by the proposed powerline or substation, but that from a visual and access point of view these estates will be affected.</p>	
2	Issues Related to Security During Construction Phase	
2.1	<p>JvV expressed concern with regards to security issues during the construction phase. Further mentioned that Roos-se-Oord is located to the south of Estate D 'Afrique and to the west of the proposed substation sites. Mentioned that there is an illegal settlement located on this property and that suitable services do not exist for this settlement. Mentioned that illegal immigrants is a major concern in the area, and is concerned that the number of illegal immigrants will increase during the construction phase which will make the current situation worse?</p> <p>Enquired where construction camps will be located and how many construction camps will be required for the substation as well as the powerline. Also enquired on who will be responsible for the management of these construction camps</p>	
2.2	<p>LC indicated that the exact location of construction camps is not necessarily dictated during the EIA Process, and is normally only determined once the exact powerline route or substation location is known. Indicated that the Environmental Management Plan (EMP) compiled as part of the EIA provides recommendations to the siting and management of construction camps. Mentioned that landowners may make suggestions as to where these construction camps should be located and that these suggestions will be considered during the EIA Phase.</p> <p>Further mentioned that the contractor is ultimately responsible for the management of the construction camps, and that compliance to the EMP is monitored by the Environmental Control Officer (ECO). Indicated however that the matter will be discussed internally at Eskom to determine whether more details can be obtained with regards to the management of construction camps.</p> <p>Further mentioned that the issues raised with regards to the provision of services will be discussed internally at Eskom and will be addressed in the EIA Report.</p>	
3	Issues Related to Access	

No.	Item	Action
3.1	<p>JvV indicated that substation site two is the preferred site from the estate point of view. Mentioned that access to the estate is currently obtained from a road leading from the R104 which passes by the informal settlement situated at Roosse-Oord. Indicated that the current point of access from the R104 is not safe. Enquired whether a new access road and a proper traffic light controlled access point could be established opposite NECSA gate 1 on the R104 as part of the proposed substation project which will allow for safe access of residents to the estate and which will allow for safe and easy access of construction vehicles to the substation site as well as for safe access of maintenance vehicles during the operational phase.</p> <p>Also enquired on how often the substation will be visited by maintenance crew during the operational phase and whether there will be permanent staff at the substation.</p>	
3.2	<p>LC indicated that the access road request is a fair request and that Eskom will look into the matter. Indicated that Nemaï should consult with SANRAL to discuss the possibility of constructing a new access road with a traffic light controlled access point along the R104. Further indicated that the substation location will be discussed with the Eskom Technical team as well as the Geologist to establish a preferred substation site location from a technical point of view as this will also assist to determine the location of the proposed access road.</p> <p>JG indicated that there will be 24hr security at the substation and that there will therefore be permanent security personnel at the substation. Further mentioned that the frequency of substation maintenance differ as it is dependent on requirements.</p>	
4	Issues Related to Impact on Adjacent Land Uses	
4.1	JvV mentioned that the Draft Scoping Report does not include the residential area (various estates) as part of the adjacent land uses which will be impacted on by the proposed substation.	
4.2	SvE indicated that reference will be made to the estates in the Final Scoping Report.	
5	Issues Related to Visual Impact	
5.1	Enquired whether a wall could be constructed around the perimeter of the substation instead of a fence in order to visually screen the substation. Also enquired whether trees could be planted along the perimeter fence to make it more visually pleasing. Mentioned that the estates are located along the mountain slope and that the proposed substation will negatively impact on the view from the estate.	
5.2	LC indicated that a Visual Impact Assessment will be undertaken during the EIA Phase and that the Visual Impact Assessment will make recommendation with	

No.	Item	Action
	regards to the proposed visual impact. Indicated that the suggestion made by JvV will be considered as part of the Visual Impact Assessment.	
6	Issues Related to NECSA	
6.1	JvV indicated that there is a 5km emergency zone located around NECSA and that everyone living within the area is registered on a list at NECSA. Mentioned that the people living in the informal settlements are not registered on this list and that it is an issue from a safety point of view. Mentioned that in the event of a radiation issue everyone within the 5km area is evacuated, and details of the residents who should be evacuated is critical. Indicated that it is important for Eskom to be aware of this emergency area, as construction camps may be located within this area and as the substation will be located within this area, and as all construction workers, maintenance workers and security personnel should be aware of the evacuation procedures.	
6.2	Eskom and Nemaï noted the comment.	
7	Issues Related to Distribution Lines	
7.1	JvV enquired on the location of the distribution lines which will link into the proposed new Anderson Substation. Mentioned that during the Public Meeting a perception was created amongst the Public that distribution lines will link from the Anderson Substation to feed electricity back to the Brits area. Mentioned that if electricity needs to be fed back to Brits that the substation should rather be located near Brits. Also enquired on the area to be fed by the new Anderson Substation.	
7.2	<p>JG and GM explained why the Anderson Substation should be located to the south of the Magaliesberg by using the following diagrams:</p> <p>As per the diagram above electricity to the study area shown by the circle is currently supplied by the Lomond Substation which is fed from the Kwagga Substation. The Lomond Substation reached firmed capacity and could therefore not supply additional electricity to supply future demands due to growth.</p> <p>In order to strengthen the network to sustain future electricity demands, the construction of the Anderson Substation is required to feed additional electricity</p>	

No.	Item	Action
	<p>from the Dinaledi Substation into the distribution grid. By construction the Anderson Substation to the south of the Magaliesberg will ensure that only one transmission line will be required between the Anderson and Dinaledi Substations. Furthermore the supply to the circles study area can be split, as the Anderson Substation will feed electricity to the area south of the Magaliesberg, and as the Dinaledi Substation will feed electricity to the area north of Magaliesberg. See diagram below:</p>  <p>Electricity from the Anderson Substation will be distributed via the existing 88kV distribution lines. Only one of the existing 88kV lines needs to be upgraded to a double circuit line, but this upgrade will occur within the existing servitude. One new distribution line will be required to feed electricity to the south, however, this proposed line will be fed from the Lomond Substation to the south.</p> <p>Further indicated that this project is necessary as lost of growth is expected in the area. Also mentioned that Eskom supplies the electricity but that Tshwane is responsible for the distribution thereof.</p>	
7.3	JvV enquired whether everyone south of the Magaliesberg will therefore benefit from the Anderson Substation.	
7.4	GM said that everyone south of Magaliesberg will benefit from the substation.	
5	Closing	
5.1	SvE thanked everyone for attending the meeting and closed the meeting.	

SIGNATORY OF THE ACCEPTED MINUTES:

(1) Eskom:

Signature

Date

(2) Nemaï Consulting:

Signature

Date