

Document No:	MIS-FOR-009	Document Title: <b>Minutes of Meeting</b>
Composed By:	S Mohlala	
Approved By:	M Mahlangu	
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# Minutes of Meeting

<b>Meeting Details</b>			
<b>Project</b>	Ngwedi (Mogwase) Substation and Turn – Ins Transmission project.		
<b>Meeting</b>	Focus Group Meeting	<b>Date</b>	26 July 2010
<b>Venue</b>	Mmatau Tribal Offices	<b>Time</b>	10H00
<b>Consultants</b>	Margen Industrial Services and PBA International (Pty) Ltd.		
<p><u>Purpose of Discussion:</u></p> <p>To discuss the findings of the draft scoping report. To gather concerns and issues regarding the finding of the draft scoping report.</p>			

Present	Present	Representing
B Sekani	S Mabe	Mmatau Community
A Mokgale	D Phatswane	Mmatau Community
S Setlogelo	S Mokgethi	Mmatau Community
E Konopi	M Madikela	Mmatau Community
S Matohailwe	O Molebatsi	Mmatau Community
N L Moselwane	N Nong	Mmatau Community
H N Ramokadi	A Molotsi	Mmatau Community
S Konopi	B Mogoene	Mmatau Community
T L Lepedi	S Modiakgotla	Mmatau Community
M L Sekomo	M Sekano	Mmatau Community
N S Mabalane	M Moetlwa	Mmatau Community
S Tlholoe	S Letsebe	Mmatau Community
D Motlale	S Glamini	Mmatau Community
Morobe	S Tsatsi	Mmatau Community
A Leepile	S Tsatsi	Mmatau Community
M Sekgobela	E Semenye	Mmatau Community
N Thabane	N Nong	Mmatau Community
	S Mohlala	Margen Industrial Services
	M Mahlangu	Margen Industrial Services
	N Saleshando	PBA International

<b>Topics of Discussion - Agenda</b>		
Item	Discussion	Presented By
<b>1</b>	Welcome & Introduction	Mr Solly Mohlala
<b>2</b>	Apologies	None
<b>3</b>	Purpose of this meeting	Mr Solly Mohlala
<b>4</b>	Presentation	Mrs. Ntšebo Saleshando & Mr Mfundu Songo
<b>5</b>	Discussion	All attendees
<b>6</b>	Way Forward	Mr Solly Mohlala
<b>7</b>	Closure	Mr Solly Mohlala

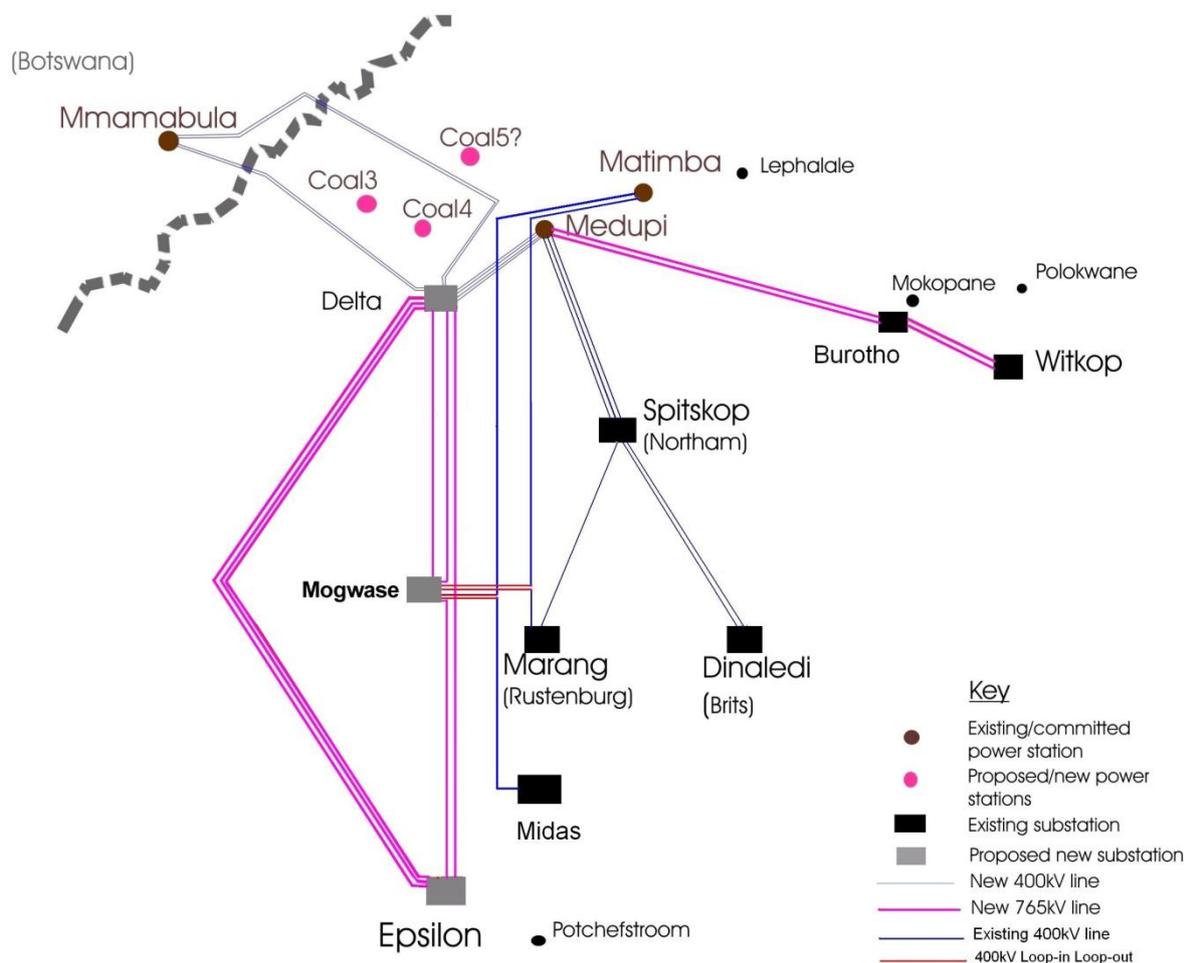
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<b>Minutes</b>		
<b>Item</b>	<b>Agenda</b>	<b>Discussion</b>
<b>1</b>	Welcome & Introduction	Mr. Solly Mohlala opened the meeting by introducing the project team
<b>2</b>	Apologies	No apology was tendered
<b>3</b>	Purpose of this meeting	To discuss the findings of draft scoping report. To gather concerns and issues regarding the findings of the draft scoping report for the proposed project.
<b>4</b>	Presentation	Ntsebo Saleshando gave background about Medupi Integration and its relationship to Ngwedi (Mogwase) Project. (see <b>Appendix 1</b> ).  Ntsebo Saleshando also presented the EIA process to be followed for this project (see <b>Appendix 2</b> ).
<b>5</b>	Discussion	Various issues were discussed after the project presentation. These have been captured in table format (see <b>Appendix 3</b> ).
<b>6</b>	Way Forward	Mr. Mohlala said the draft scoping report will be available for public review at the information points. Stakeholders are requested to submitted written comment before the 13 August 2010.
<b>7</b>	Closure	Mr. Mohlala thanked all the attendees for the opportunity to present the findings of the draft scoping report for the proposed project.

## Appendix 1

### Background about Medupi Integration and its relationship to Ngwedi (Mogwase) Project

The proposed project will feed from the Medupi Integration Project, which is Eskom's focal for the expansion of its' Generation, Transmission and Distribution capacity. The massive coalfields in the Waterberg area are the new Generation centres, that will power the Medupi Power Station currently under construction. The power generated from this Power Station and the surplus capacity from Mmamabula Power Station in Botswana will augment the Eskom's Generation capacity. An integration power corridor network comprising of 6x765kV Transmission power lines from Masa (Delta) to Selemo (Epsilon), supplemented by 3x400kV power lines to Rustenburg and Brits, 2x400kV power lines to Polokwane and the existing 400kV network will transmit the generated power to the various load centres spread throughout the country. The 6x765 Masa (Delta) – Selemo (Epsilon) Transmission power lines are to run in two corridors of 3 lines each. The proposed Ngwedi (Mogwase) substation will be supplied by one these two corridors.



**Figure 1: Schematic for the Medupi Integration Project**

(Source EIA for Masa (Delta)- Selemo (Epsilon) 6 X 765kV Transmission Power Lines)

### Project Motivation

The Transmission network servicing the general study area and four Main Transmission Substations supply beyond: namely Marang, Ararat, Trident and Bighorn. In 2010, the Rustenburg load peaked at 1880MW and Ararat MTS is operating at the maximum design limit, which has placed part of the network under pressure. At

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the same time, Eskom's investigations have indicated that over the next 20 years to 2030, the demand for electricity is forecasted to increase by 50% in the Rustenburg area. A large portion will be taken up by the expansion of several mining operations occurring in the area. The proposed Ngwedi (Mogwase) substation and associated turn-ins project will de-load Ararat MTS and create additional power to augment the current supply load to Rustenburg and areas between Spitskop and Ararat.

## Appendix 2

### An explanation of the project and the EIA process to be followed for this project

#### **Project Description**

The proposed project will result in the construction of the following:

- Ngwedi (Mogwase) Mani Transmission Substation on a 600m x 600m plot.
- Looping the Matimba-Midas 400kV line in and out of Ngwedi (Mogwase) MTS by establishing 2 x 400kV turn-ins.
- Looping the Matimba-Marang 400kV in and out of Ngwedi (Mogwase) MTS by establishing 2 x 400kV turn-ins.
- Operate and terminate a 400kV power line from Masa (Delta) to Ngwedi (Mogwase) MTS.
- Looping the 765kV power line from Masa (Delta) substation to Ngwedi (Mogwase) MTS and to Selemo (Epsilon) substation. This line will be operated as a 400kV.
- Install 2 x 500MVA, 400/132kV transformers in a yard terraced for 4 x 500MVA, 400/132kV units.
- Terrace the Ngwedi (Mogwase) 400kV yard for an end-state of 5x400kV feeders.
- Terrace the Ngwedi (Mogwase) 132kV yard for an end-state of 10x 132kV feeders.
- Establishing the control building, telecommunication infrastructure and oil dam.
- Establishing the access road infrastructure to and within Ngwedi (Mogwase) MTS.

The associated turn-ins from Matimba – Marang and Matimba – Midas 400kV lines are to increase the reliability of electricity supply to Rustenburg by improving the transient stability of Matimba Power Station. In addition, between four and six Distribution power lines will connect Ngwedi (Mogwase) substation to several Distribution substations in the vicinity.

#### **Project Alternatives**

The study identified a total of 13 potential sites for the proposed substation and of these, 5 sites are to be assessed in detail in the EIA phase. In Scoping, Site A – C were subjected to scoping phase investigations, a desktop review for site D by the various specialists.

The remaining sites were only subjected to the site selection screening exercise. 5 corridors in total were identified and only the first three corridors were subjected to specialist.

#### **The EIA process to be followed for this project:**

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## SEQUENCE OF EVENTS (Scoping and EIA)

### Scoping Phase:

- Application form submitted to DEA [19 July 2009]
- The application was acknowledged [ 24 July 2009]
- Consent from landowner at the substation [ 26 June 2009]
- Register of I&APs opened and maintained until EIR is submitted to authority [ Ongoing]
- Advertise the project in local newspapers [ 07 August 2009]
- Put site notices at substation site [ 11 August 2009]
- Information disseminating documents distributed to stakeholders [Ongoing]
- Capture the issues and comments in a register that will evolve into a Comments and Response Report [Ongoing]
- Nominate preferred alternatives for detailed investigation in the EIA [EIA Phase]
- Public review of Scoping report [ 05 July 2010 to 13 August 2010]



Submit the Scoping Report and Plan of Study for EIA to DEA [September 2010]



### EIA Phase

- Specialists conduct detailed study of potential impacts (Positive & Negative) associated with the alternatives nominated in the Scoping Phase.
- Public participation continues
- Integrate all specialist reports findings and inputs from I&APs
- Public review of the EIR
- Submit final EIR to DEA



Notify I&APs about the authorization outcome and allow 30 days appeal period.

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## Appendix 1

No	Issue	Raised By	Response
	<ul style="list-style-type: none"> <li>Mr Matshellwe brought it under the attention of the team that farm is earmark for residential development, he enquire if is it possible that after erecting the power lines that mining activities can take place on the land?</li> <li>Do Eskom compensate them for crossing their properties?</li> <li>The Tribal authority have a problem of fire starting due to Eskom not maintaining the servitude properly, when Eskom need the servitude they gave a lot of attention to the area but as soon as the servitude is registered they forget about maintaining it.</li> </ul>	S Matshellwe	<ul style="list-style-type: none"> <li>Ntsebo Saleshando: Comment noted: Plans will be made to deviate any infrastructure. Mining activities cannot be undertaken in a servitude area only Eskom has the right of that servitude. Negotiations with Eskom must take place.</li> <li>Moses Mahlangu: Yes, there is compensation for servitude</li> <li>Moses Mahlangu: In some instance Eskom agrees with the property owner to maintain the servitude then the Eskom pays for the service.</li> </ul>
	<ul style="list-style-type: none"> <li>The property again is reserved for game farming; will the power line impact on the activity?</li> </ul>	S Konopi	<ul style="list-style-type: none"> <li>Moses Mahlangu: Eskom have been informed that power lines can sterilise animals but there are no substantial studies that can support that, so Eskom can't take it as a scientific research. Eskom normally advise the landowner not to make a kraal under the power line as it may endanger your animals. There is no problem of animals passing under the power line.</li> </ul>
	<ul style="list-style-type: none"> <li>Enquire what if electric (power lines or substation) faults cause fire?</li> </ul>	J Mabalane	<ul style="list-style-type: none"> <li>Moses Mahlangu: Comment noted: In some cases Eskom will need substantial evidence or proof that the power lines causes the fire, the effected party will be compensated for the loss.</li> </ul>
	<ul style="list-style-type: none"> <li>Asked if Eskom experience theft of cables. He asked that because some of the people have a criminal site and can try to steal the cable, so he want to advise Eskom to make it very clear how dangerous and important it is to stay away from live electricity or theft there of.</li> </ul>	He	<ul style="list-style-type: none"> <li>Moses Mahlangu: Pointed out that is good question, it is very dangerous to hold live cables of this magnitude, and it normally kills you immediately. So it is advisable to share this information and let people know the expectation of theft of live apparatus.</li> </ul>
	<ul style="list-style-type: none"> <li>Asked if community will benefit from the proposed project. ?</li> </ul>	Attendees	<ul style="list-style-type: none"> <li>Ntsebo Saleshando: yes, this is for the areas in and around Rustenburg, mostly those that are connected to Ararat Substation that runs on full capacity at the moment and no more development can take place in there without more power that is why Eskom and the area needs the substation</li> </ul>
	<ul style="list-style-type: none"> <li>Is it possible for the power lines to go through a wet land or dam?</li> <li>Does lightning affect the power line or infrastructure close to them?</li> </ul>	N Ramalosa	<ul style="list-style-type: none"> <li>Ntsebo Saleshando: No, they are protected by the department of Water and Forestry, there must be negotiations first.</li> <li>Eskom Power lines can hit by lightning but the line is isolated and is not suppose to be a problem with the infrastructure close to</li> </ul>

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No	Issue	Raised By	Response
			the lines.
	<ul style="list-style-type: none"> <li>It must be envisage that there is a very high possibility that the area can be mine</li> </ul>		<ul style="list-style-type: none"> <li>Ntsebo Saleshando: Comment noted.</li> </ul>