

Document No:	MIS-FOR-009	Document Title: Minutes of Meeting - Landowners
Composed By:	S Mohlala	
Approved By:	M Mahlangu	
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Minutes of Meeting

Meeting Details			
Project	Ngwedi (Mogwase) Substation and Turn – Ins Transmission project.		
Meeting	Focus Group Meeting	Date	01 July 2010
Venue	Sundown Ranch Hotel	Time	15H30
Consultants	Margen Industrial Services and PBA International (Pty) Ltd.		
<u>Purpose of Discussion:</u> To discuss the findings of the draft scoping report. To gather concerns and issues regarding the finding of the draft scoping report.			

Present	Capacity
Dr. D Visser	Landowner
Mr. S Naude	Landowner
Mr. JC Grobler	Landowner
Mr. HA Roets	Landowner
Mr. P Maritz	Landowner
Mr. SJ Hurn	Landowner
Mr. P Van Aswegen	Landowner
Mr. E Gottsch	Landowner
Mr. Borrageiro	Landowner
Mr. JJ Malan	Landowner
Mr. Hoeksma	Landowner
Mr. P Robinson	Landowner
Mr. CJ Taute	Landowner
Mr. LE Coetzer	Landowner
Mr. AJ Daccy	Landowner
Mr. L GT Combrinck	Landowner
Mr. PA Bosman	Landowner
Mr. WDF Fochie	Landowner
Mr. S Mokgatle	Landowner
Mr. A Lit	Landowner
Mr. JMA Grobler	Landowner

Topics of Discussion - Agenda		
Item	Discussion	Presented By
1	Welcome & Introduction	Mr Moses Mahlangu
2	Apologies	No apology
3	Purpose of this meeting	Mr Moses Mahlangu
4	Presentation	Mrs. Ntšebo Saleshando & Mr Mfundi Songo
5	Discussion	All attendees
6	Way Forward	Mr Moses Mahlangu
7	Closure	Mr Moses Mahlangu

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Minutes

Item	Agenda	Discussion																								
1	Welcome & Introduction	<p>Mr. Moses Mahlangu opened the meeting by introducing the project team and asking the attendees to introduce themselves to the study team.</p> <p>The different representatives from the applicant and the environmental consultants were introduced.</p> <p>Applicant</p> <table border="1"> <thead> <tr> <th>Company</th> <th>Name</th> <th>Designation</th> </tr> </thead> <tbody> <tr> <td>Eskom Transmission</td> <td>Sebenzile Vilakazi</td> <td>Project Manager</td> </tr> <tr> <td>Eskom Transmission</td> <td>Mfundu Songo</td> <td>Chief Planner</td> </tr> </tbody> </table> <p>Consultants</p> <table border="1"> <thead> <tr> <th>Company</th> <th>Name</th> <th>Designation</th> </tr> </thead> <tbody> <tr> <td>Margen Industrial Services</td> <td>Solly Mohlala</td> <td>PIP Officer</td> </tr> <tr> <td>Margen Industrial Services</td> <td>Moses Mahlangu</td> <td>PIP Manager</td> </tr> <tr> <td>Margen Industrial Services</td> <td>Chris Le Roux</td> <td>PIP Assistant Manager</td> </tr> <tr> <td>PBA International (SA)</td> <td>Ntšebo Saleshando</td> <td>Project Manager</td> </tr> </tbody> </table>	Company	Name	Designation	Eskom Transmission	Sebenzile Vilakazi	Project Manager	Eskom Transmission	Mfundu Songo	Chief Planner	Company	Name	Designation	Margen Industrial Services	Solly Mohlala	PIP Officer	Margen Industrial Services	Moses Mahlangu	PIP Manager	Margen Industrial Services	Chris Le Roux	PIP Assistant Manager	PBA International (SA)	Ntšebo Saleshando	Project Manager
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PBA International (SA)	Ntšebo Saleshando	Project Manager																								
2	Apologies	No apology was tendered																								
3	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.																								
4	Presentation	<p>Mfundu Songo gave background about Medupi Integration, its relationship to Ngwedi (Mogwase) Project and Project motivation thereof. (see Appendix 1).</p> <p>Ntšebo Saleshando gave an explanation of the project and the EIA process to be followed for this project (see Appendix 2).</p>																								
5	Discussion	Various issues were discussed after the project presentation. These have been captured in table format (see Appendix 3).																								
6	Way Forward	Mr. Mahlangu said the draft scoping report will be available for public review at the information points. Stakeholders must submit their written comments to the public participation office not later than the 13 August 2010. Stakeholders are invited to attend a public meeting scheduled for 27 July 2010.																								
7	Closure	Mr. Mahlangu 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 Selema (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) – Selema (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.

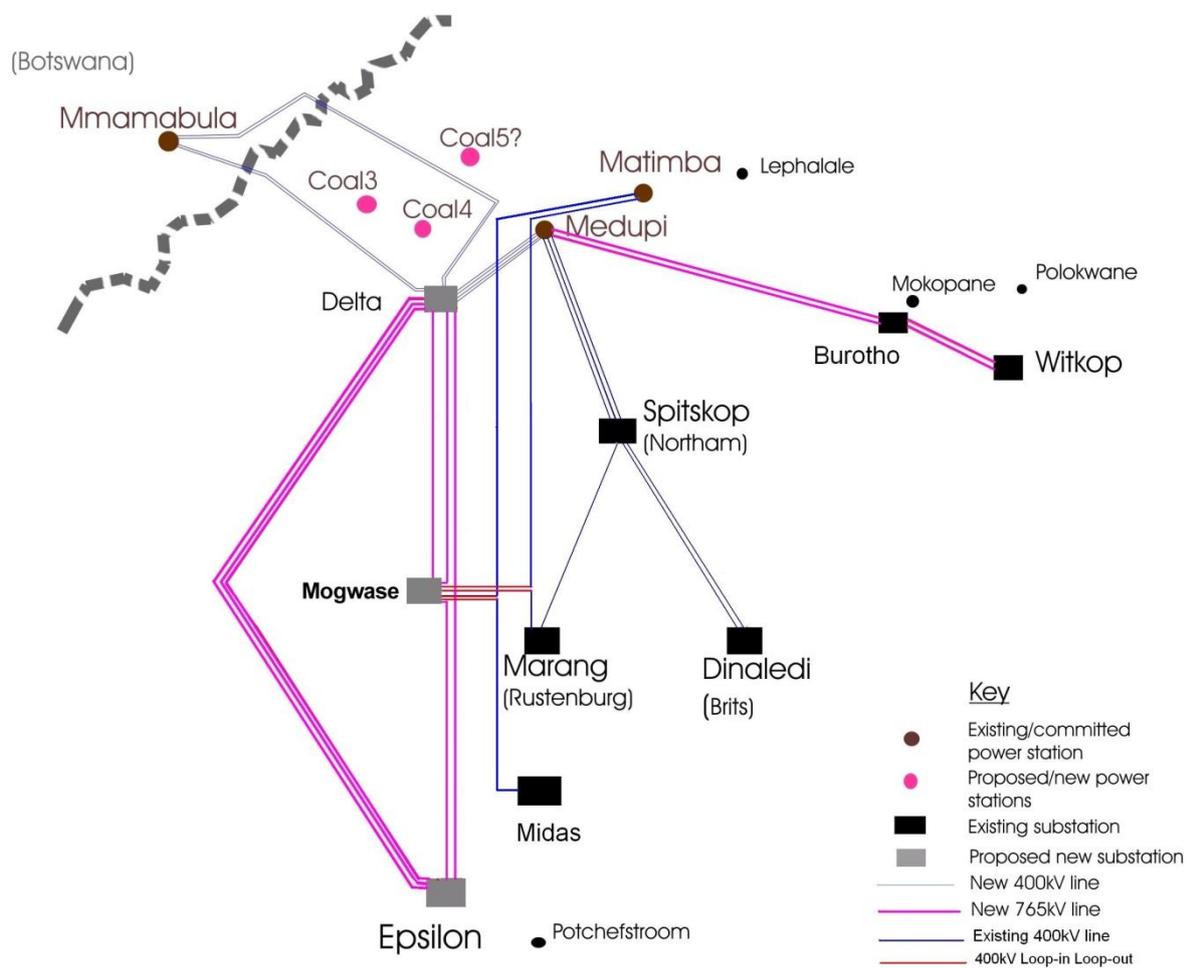


Figure 1: Schematic for the Medupi Integration Project

(Source EIA for Masa (Delta)- Selema (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:

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 DWEA



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

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No	Issue	Raised By	Response
1	<ul style="list-style-type: none"> • 5You indicated that the proposed lines are 765kV and that you will have 400kV lines going into the proposed substation. How are these lines going to be build? Is Eskom intending to construct dual diversity lines? • In the presentation it was mentioned that a new substation, Mogwase will be build and lines connecting to this new substation will link to the existing lines. Does it mean that two substations are going to be constructed in the area? How else are you going to connect to existing lines? • What is the size of the servitude that will be required for the Turn-Ins? • Landowners are of the opinion that Eskom will choose a shorter, more economical route. If this is correct Eskom is expected to show in the report the feasibility studies conducted to identify such a route. All landowners must have an input to the economic study or the route because it must not only be economic to Eskom. The economic viability of the route must also apply to landowners. • The maps presented to landowners do not clearly show the number and types of towers used as they enter and exit the substation. These are simply shown as few lines on the map but in reality this becomes complicated on the ground especially when you consider the different towers used at 	Attendees	<ul style="list-style-type: none"> • Mr. M Songo: The planned lines are 765kV. They will be constructed at 765kV but will operated at 400kV. • Mr. M Songo: To Turn-Ins onto existing lines you do not need a new substation. This will work as a loop-in and loop-out system where the existing line will be cut and one end will connect to the line going into Mogwase substation and the other end will connect to the lines that will be coming out of Mogwase substation. • Mr. S Vilakazi: Each loop will be 55m. Hence for loop-in and loop-out lines 110m servitude is required. It was also explained that though the presentation map showed three alternative corridors, only one preferred corridor will be used. Landowners will be informed about approved route at the end of the EIA Phase. • Ms. N Saleshando: Route selection is based on several factors such as the technical requirements, environmental recommendations/findings, stakeholders input and economic viability. • Mr. M Songo: The reason why such a big terrain is asked for the substation is to make sure that all infrastructures associated with this development are accommodated at this planning stage. Where possible existing servitudes in the vicinity of the new substation will be used. There will be space for a transmission and distribution substation, lines coming in and out of these substations, communication tower, control

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	<p>bend points.</p> <ul style="list-style-type: none"> • In some areas double circuit is used for Eskom Distribution lines. Is it possible to use a double circuit for 400kV and 765kV lines? • Pylons that are currently used poses a serious safety hazard to landowners, especially during fire fighting because they are massive structures which can easily be collided with when there is heavy smoke during veld fire fighting • Landowners feel that it must be recorded that they do not have any confidence in the study process and the related public consultation process. During the early stages of the study for 765kV Delta-Epsilon transmission lines: <ul style="list-style-type: none"> a. It was indicated that farms in the area are very small and cannot accommodate power lines through them. The study process went ahead and recommended corridors for these lines through the area. Landowners feel ignored. b. Areas that are already impacted and those that can possibly accommodate power lines were pointed out to the study team e.g. mined area, area with existing infrastructure like the road or railway lines. It was suggested that consideration must be given to areas with big farms. Landowners feel their input was 		<p>room, oil dam, and access roads. In some case as the lines enters or exit the substation, it might be possible to use double circuit structures</p> <ul style="list-style-type: none"> • Mr. S Vilakazi: This is currently not possible because it requires tall structures to carry two lines of this magnitude and still allow for the required line separation • Mr. M Mahlangu: Answers to the above questions which make landowners reluctant to participate are in the report for Delta-Epsilon. It will be advisable to read the Delta-Epsilon report and make reference to if the above queries were addressed. It is very difficult to meet the requirements of each landowner in the study area of this magnitude. The PPP Team feels that some of the site specific deviations can be handled during the negotiation phase?????The method of undertaking EIA process for linear project, especially of such length, does not allow for a farm-to-farm visit. The question of compensation method is currently receiving attention from Eskom management but it must be remembered that this current method of compensation is governed by law which might have to be changed if it is decided to adopt a different system. Mr. Vilakazi explained the current method of determining the value of the land for compensation, referring to the before and after impact method)

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	<p>never considered.</p> <p>c. Questions asked at that stage have never been answered satisfactorily. One example is the question leasing the servitude space and pay monthly fee that is linked to inflation because Eskom charge electricity consumers rates that are linked to inflation. Landowners want Eskom to also consider giving them free electricity and consider the issue of giving the contract of maintaining the servitude to landowners.</p> <p>d. Landowners also proposed that Eskom pay a monthly rental per pylon instead of a ones/once of payment for servitude. Alternatively then Eskom must consider buying an industrial corridor</p> <p>e. Landowners requested that specialist studies be conducted in each and every farm in the area because this is very unique area. This was never done; no specialist ever visited one farm in the area.</p> <ul style="list-style-type: none"> • Based on the above, landowners feel this consultation process is just an exercise of complying with the law but it does not seriously consider the input of landowners. It is therefore unacceptable that the facilitator must expect the participants to focus only on the Mogwase project and 		<ul style="list-style-type: none"> • Mr. M Mahlangu: Detailed investigation of the scoped corridor will be conducted during the EIA phase. At this stage we are presenting a draft report which shows how the different corridors were scoped out or in for further investigation. It is important that stakeholders are given the opportunity to comment on this report and if necessary recommend any other studies that must be

No	Issue	Raised By	Response
	<p>ignore what was said during the consultation processes for Delta-Epsilon. If this study is to be successful it must start from the beginning and consider the routes for Delta-Epsilon. If this is not done landowners are prepared to challenge the process in court.</p> <ul style="list-style-type: none"> The approach in the study is confusing because at this stage five corridors have been presented with no indication of a preferred corridor. Landowners want to as when you are going to come up with a preferred corridor that will be chosen on the basis of environmental impact studies. If you come to the public with several alternatives as you are doing now, each landowner in the study area is going to try and push the line away from his property. Currently five alternatives are presented with alternative 2 shown as having the least environmental impact. It will be advisable to present only one option in a forum like the focus group meeting of landowners. Such a preferred corridor must be chosen on the basis of a feasibility study that will be convincing to any landowner in terms of economic, environmental, technical and social studies. 		<p>conducted)</p>