

Document No:	MIS-FOR-009	Document Title: Minutes of Meeting
Composed By:	S Mohlala	
Approved By:	M Mahlanqo	
Revision No:	001	
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Minutes of Meeting

Meeting Details			
Project	Ngwedi (Mogwase) Substation and Turn – Ins Transmission project.		
Meeting	Focus Group Meeting	Date	25 January 2011
Venue	Rustenburg Local Municipality	Time	10H00
Consultants	Margen Industrial Services and PBA International (Pty) Ltd.		
<p><u>Purpose of Discussion:</u></p> <p>To discuss the findings of the draft environmental impact report (DEIR). To gather concerns and issues regarding the finding of the DEIR.</p>			

Present	Representing	Capacity
Ms. J Nkosi	Dept. Rural Development & Land Reform	Senior Project Officer
Mr. MS Mphephu	Rustenburg Local Municipality	Town Planner
Mrs. K Mekgoe	Rustenburg Local Municipality	Section Manager: Environment
Mr. S Mohlala	Margen Industrial Services	PIP Officer
Mrs. L Stroh	SACAA	Official
Mr. S Vilakazi	Eskom Transmission	EIA Project Manager
Mr. M Songo	Eskom Transmission	Chief Planner
Mr. T Lepono	PBA International	EIA Project Manager
Mr. M Legodi	Margen Industrial Services	PIP Officer
Ms. B Semanya	Rustenburg Local Municipality	Environmental Practitioner
Ms. S Ntsangase	Dept. Water Affairs	Official

Topics of Discussion - Agenda		
Item	Discussion	Presented By
1	Welcome & Introduction	Mr Solly Mohlala
2	Apologies	No apology
3	Purpose of this meeting	Mr Tšepo Lepono
4	Presentation	Mr. tšepo Lepono & Mr. Mfundi Songo
5	Discussion	All attendees
6	Way Forward	Mr Solly Mohlala
7	Closure	Mr Solly Mohlala

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Minutes		
Item	Agenda	Discussion
1	Welcome & Introduction	Mr. Solly Mohlala opened the meeting by introducing the project team and asking the attendees to introduce themselves to the study team.
2	Apologies	No apology was tendered
3	Purpose of this meeting	To discuss the findings of draft environmental impact report (DEIR). To gather concerns and issues regarding the findings of the DEIR for the proposed project.
4	Presentation	Mfundu Songo gave background about Medupi Integration, its relationship to Ngwedi (Mogwase) Project and Project motivation thereof. (See Appendix 1). Tšepo Lepono gave an explanation of the project and the EIA process to be followed for this project (see Appendix 2).
5	Discussion	Various issues were discussed after the project presentation. These have been captured in table format (see Appendix 3).
6	Way Forward	Mr. Mohlala said the DEIR 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 17 February 2011.
7	Closure	Mr. Mohlala thanked all the attendees for the opportunity to present the findings of the DEIR for the proposed project.

Appendix 1

Background about Medupi Integration and its relationship to Ngwedi (Mogwase) Project
<p>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.</p>

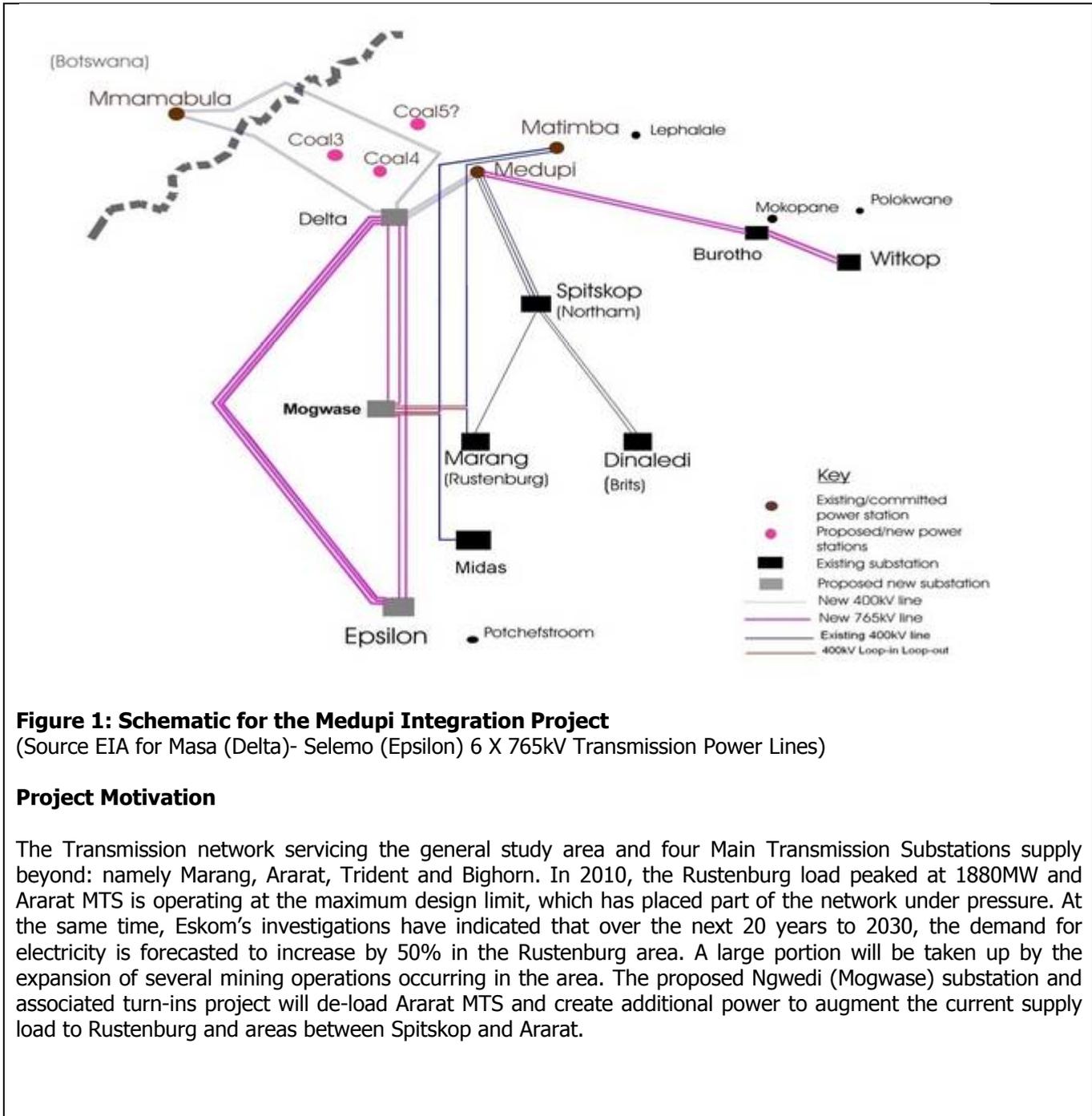


Figure 1: Schematic for the Medupi Integration Project
 (Source EIA for Masa (Delta)- Selemo (Epsilon) 6 X 765kV Transmission Power Lines)

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 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.

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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 for EIA Phase.(September 2010)
- Public participation continues (ongoing)
- Integrate all specialist reports findings and inputs from I&APs(October 2010)
- Public review of the EIR(18 January 2011 to 17 February 2011)
- 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"> What type of pylon structures are you going to use? Can you send us the shape files, coordinates at the turning points? 	Mrs. L Stroh	<ul style="list-style-type: none"> Mr. Tšepo Lepono: Cross Rope (single circuit), Guyed-V(single circuit) and self supporting(at turns and termination points) Comment noted: we will forward all requested information.
2	<ul style="list-style-type: none"> Your maps are not showing all water fountains or wetlands that support or flowing to the Elands River. We need a map of 1:50 scales. In some instances a licence to put up your substation will be required. What is the size of the foot print of the substation? 	Ms. S Ntshangase	<ul style="list-style-type: none"> Mr. Tšepo Lepono: If you need maps we can avail them ASAP. Ngwedi Main Transmission substation on a 600m X 600m plot. (36ha)
3	<ul style="list-style-type: none"> Are you saying corridor 1 is the preferred one in terms of environmental investigations? How does Delta-Epsilon feed in the Ngwedi Substation project? 	Mr. M Mphephu	<ul style="list-style-type: none"> Mr. Tšepo Lepono: Yes, but the final decision emanate from the department of environmental affairs. The 6 X 765kV transmission power lines from Delta (Masa) substation to Epsilon (Selomo) substation are to run in two corridors (Corridor CB_3 and Corridor D) of 3 lines each. The proposed Ngwedi substation will be supplied from one of these two corridors.