APPENDIX B
PUBLIC PARTICIPATION
Section 2: Background Information Documents (BIDs)
INTRODUCTION

Notice is hereby given in terms of Environmental Impact Assessment Regulation 56 published in Government Notice No. R. 385 in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended of the intention to carry out the following activities:

- The construction of a new Rockdale B substation and Associated Secondary Infrastructure in the vicinity of the existing Rockdale substation (DEAT ref: 1/21/20/1339);
- The construction of a new Marble Hall/Wolwekraal substation (DEAT ref: 1/21/20/1343);
- The construction of a new 400kV Power Line that will connect the Rockdale B substation to the Marble Hall/Wolwekraal substation (DEAT ref: 1/21/20/1343);
- The construction of a new 400kV Power Line that will connect the Marble Hall/Wolwekraal substation to the Steeplpoort substation (DEAT ref: 1/21/20/1343); and
- The construction of a new 400kV Power Line that will connect the Marble Hall/Wolwekraal substation to Mokopane substation (DEAT ref: 1/21/20/1343).

The existing transformers at the Rockdale substation are now old and pose a serious risk. They are unable to meet current maximum power demands, and this normally results in load shedding during maintenance. The construction of the Rockdale B substation will provide a new site where new loads can be connected. The substation would provide a power source for the 132 kV lines that need to be diverted from the Vulcan substation because of the unstable ground.

The construction of the Marble Hall/Wolwekraal substation will alleviate the low voltage problems experienced by the electricity distribution networks around the Marble Hall/Wolwekraal area and provide 400kV at Marble Hall. The new substation will remove excess load from the Simpion substation which is currently unable to meet its maximum power demands. The new substation will create a source for connecting new loads around the area. The substation will provide a point to connect the network to the Waterberg Generation network. The new substation will ensure that there is power for the Steeplpoort Pumped Storage Scheme to pump water to the upper dam during pumping condition.

The Rockdale B to Marble Hall power line is required to connect the new Rockdale B substation to the Marble Hall/Wolwekraal substation.

The Marble Hall to Steeplpoort power line will supply power to the Steeplpoort Pumped Storage Scheme (PSS) to ensure that water is pumped to the upper dam during pumping condition. The Duvinha Steeplpoort substation used to supply power to the Steeplpoort PSS but that connection line has now been disconnected.

The Marble Hall to Mokopane power line will connect the Marble Hall/Wolwekraal substation to Polokwane electricity distribution network.

PROJECT DETAILS

**Rockdale B substation and Associated Secondary Infrastructure (DEAT ref: 1/21/20/1339)**

The scope of the work consists of the following:
- Loop-in of 400kV line from the Anno Vulcan substation into the new substation by 2011;
- Construction of the new substation not far from existing Rockdale substation installed with 2x500MVA 400/132kV transformers;
- Building of feeder bays at Rockdale B substation for integrating the distribution networks by 2011; and
- Upgrading of 19 breakers on the 132 kV busbar at the Rockdale substation so that their ratings are below 300A to 40 kA in order to maximise the amount of current that can be safely carried by 2011.

**Marble Hall/Wolwekraal substation and Associated Secondary Infrastructure (DEAT ref: 1/21/20/1343)**

The scope of the work consists of the following:
- Construction of a new Marble Hall substation installed with 2x500MVA 400/132kV by 2011; and
- Building of 5x132kV feeder bays at the new Marble Hall substation for integrating the distribution networks by 2012.

**400kV Power Line connecting the Rockdale B substation to the Marble Hall/Wolwekraal substation (DEAT ref: 12/12/20/1340)**

The scope of the work consists of the following:
- Building an 80 km 400kV Power Line from Rockdale B to Marble Hall by 2012.

**400kV Power Line connecting the Marble Hall/Wolwekraal substation to the Steeplpoort substation (DEAT ref: 12/12/20/1341)**

The scope of the work consists of the following:
- Building a 50 km 400kV Power Line from Marble Hall to Steeplpoort by 2014.

**400kV Power Line connecting the Marble Hall/Wolwekraal substation to the Mokopane substation (DEAT ref: 12/12/20/1343)**

The scope of the work consists of the following:
- Building a 90 km 400kV Power Line from Marble Hall to Mokopane by 2014.

PROJECT LOCATION

**Rockdale B substation and Associated Secondary Infrastructure (DEAT ref: 1/21/20/1339)**

The three locality alternatives are within the Mpumalanga Province, south of Middleburg. These alternatives are all located within Msinga District Municipality and Steve Tsishatele Local Municipality in ward 15. Sites A and B are located on farm Welfonten 314 and site C is located on farm Klipfontein 316.

**Marble Hall/Wolwekraal substation and Associated Secondary Infrastructure (DEAT ref: 1/21/20/1343)**

The five locality alternatives are within the Limpopo Province. These alternatives are all located within Greater Sekhukhune District Municipality. Alternative sites 1 to 4 are located on farm Lokop Noord 12 JS (Portions 983/12; 190/12; 192/12 and 688/12) in Greater Marble Hall Local Municipality, Ward 5. Alternative site 5 is located on Farm Sceptre Arabie 743 K5 portion 27/43 in Greater Marble Hall Local Municipality, Ward 6.

**400kV Power Line connecting the Rockdale B substation to the Marble Hall/Wolwekraal substation (DEAT ref: 12/12/20/1340)**

The alternative power lines 1 and 2 are located between Middleburg and Marble Hall.

**400kV Power Line connecting the Marble Hall/Wolwekraal substation to the Steeplpoort substation (DEAT ref: 12/12/20/1341)**

The alternative power lines 1 and 2 are located between Marble Hall and Steeplpoort.

**400kV Power Line connecting the Marble Hall/Wolwekraal substation to the Mokopane substation (DEAT ref: 12/12/20/1343)**

The alternative power lines 1, 2 and 3 are located between Marble Hall and Mokopane.

A locality map has been included on the reverse of this page.
Nema Consulting was appointed by Eskom to undertake the environmental impact assessment for the proposed construction of the substations and power lines. The process involves two phases, Scoping followed by EIA. The Scoping phase is currently underway.

A vital step during the environmental appraisal process is Public Participation, which aims to inform Interested and Affected Parties (I&APs) about the proposed project, and provides them with an opportunity to raise concerns.

The following public meetings will be held to discuss the proposed development; details of the meeting are as follows:

<table>
<thead>
<tr>
<th>Venue</th>
<th>Date</th>
<th>Time</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zilkopla Primary School</td>
<td>01 June 2009</td>
<td>10h00 – 17h00</td>
<td>5049 Chocolate Street, Middelburg</td>
</tr>
<tr>
<td>Laerskool Elandslaagte</td>
<td>02 June 2009</td>
<td>09h00 – 13h00</td>
<td>PK Salonsriver Elandslaagte</td>
</tr>
<tr>
<td>De Wagenordt Combined School</td>
<td>02 June 2009</td>
<td>15h00 – 18h00</td>
<td>De Wagenordt Groblersdal</td>
</tr>
<tr>
<td>Groblersdal Council Chambers</td>
<td>03 June 2009</td>
<td>09h00 – 17h00</td>
<td>2nd Grobler Ave, Civic Center, Groblersdal</td>
</tr>
<tr>
<td>Greater Marble Hall Community Hall</td>
<td>04 June 2009</td>
<td>10h00-17h00</td>
<td>Ficks Street Greater Marble Hall</td>
</tr>
<tr>
<td>Sishosana Secondary School</td>
<td>05 June 2009</td>
<td>15h00 – 18h00</td>
<td>Stand No. 420 Sehlabwana</td>
</tr>
<tr>
<td>Laerskool Bynderheid</td>
<td>08 June 2009</td>
<td>09h00 – 13h00</td>
<td>Van Rooovenweg, Roedean</td>
</tr>
<tr>
<td>Sekutupu Primary School</td>
<td>08 June 2009</td>
<td>15h00 – 18h00</td>
<td>256 Nthabiseng Groothoek</td>
</tr>
<tr>
<td>Abobayib Hall</td>
<td>09 June 2009</td>
<td>10h00 – 17h00</td>
<td>Cnr Boela Hoek Street/Keere Street, Molopoane</td>
</tr>
</tbody>
</table>

If you are unable to attend the meeting and would still like to voice your concerns, please complete the accompanying reply form and forward it to the contact person below. If you wish to register as an Interested and Affected Party, please return the reply form overleaf by 17 June 2009.

Further information regarding this project can be obtained from Nema Consulting.

- Name of Proponent – Eskom Holdings Limited
- Contact person – Environmental Assessment Practitioner
  - Isaiah Sibanda
  - Nema Consulting
  - PO Box 1673 Sunninghill, 2157
  - Tel: (011) 781 1730
  - Fax: (011) 781 1731
  - Email: isaiah@nema.co.za
- Date of publication of notice – 08 May 2009

Any objections or comments to be proposed should be forwarded to the contact person by 17 June 2009. In order to ensure that you are identified as an interested and affected party, please submit your name, contact information and interest on the matter to the contact person above. Please inform the contact person if you would like correspondence to be forwarded to you.

This assessment is being conducted on behalf of Eskom.
LENGOLO – TSIBISO KA TABAKGOLO

TSIBISO KA TABAKGOLO

Motsheang 2009

TSEBISO KA TABAKGOLO

5. Ho tla etswa Thap o e nthja ya Motlakase ya 400kV ya endi ho hokela

Tlhaloso le boholo ba sebaka

Tlhapo ya motlakase ho tloha Marble Hall ho ya Steelport e tla

Tlhapo ya motlakase ho tloha Marble Hall ho ya Mokopane e tla

Dikopo tsa ho etsa Tekolo ka Tshusumetso ka Tsebiso e etswa le tla tshwariwa le buisana ka dipoke ye tseboko.

Dikopo tsa Setjhaba – Dikopo tse latelang tsa setjhaba di tla tshwarwa ho buisana ka dipoke ye tsirangtwe.

Tlhaloso le boholo ba sebaka

Tlhapo ya motlakase ho tloha Marble Hall ho ya Steelport e tla

Tlhapo ya motlakase ho tloha Marble Hall ho ya Mokopane e tla

Masepaleng wa Lehae wa Steve Tshwete ho Ward 15. Se tsha A le B di polasing ya Reitfontein 314 ha Setsha C se le polasing ya Nqwelela 316. 2.


Tlhapo ya motlakase ya 400kV ya endi ho hokela

Tlhapo ya motlakase ho tloha Marble Hall ho ya Mokopane e tla

Dikopo tsa ho etsa Tekolo ka Tshusumetso ka Tikoloho e tla tshwariwa ho buisana ka dipoke. Dikopo tsa etebo le tseboko oho le tsebo ho buisana ka dipoke ya Motlakase.

Dikopo tsa ho etsa Tekolo ka Tshusumetso ka Tikoloho e tla tshwariwa ho buisana ka dipoke.
Inphakathi nge-INCWADI YOKUNIKEZA ULWAZI

HIGHVELD NORTH WEST AND LOWVELD NORTH STRENGTHENING PROJECT

Meyi 2009

Imihlangano Yomphakathi

INCWADI YOKUNIKEZA ULWAZI

ngamaphrojekthi ahlongozwayo.

5049 Chocolate Street, Middelburg

Zikuphule Primary School 01 June

10h00 – 17h00

DPW, Chocolate Street, Middelburg

De Wagensdriit Combined School 01 June

10h00 – 18h00

De Wagensdriit Groblerstad

Groblersdal Council Chambers 03 June

10h00 – 17h00

2nd Grobler Ave, Civic Center, Groblerstad

Groblersdal Community Hall 04 June

10h00 – 17h00

Ficks Street Groblersdal Marble Hall

Skhosana Secondary School 03 June

10h00 – 18h00

Stand No. 420

SkeiKhume

Letsoato Primary School 08 June

10h00 – 17h00

236 Mahlathini, Grootvlei

Abwiekly Hall 09 June

11h00 – 17h00

Con-Ride Inkwenkwekwe Street/ Kaarre Street, Mokopane

Map Name: Locality Map

Date: May 2009

Project Name: Highveld North West Lowveld Strengthening Project

Umthuto okuphathelene ongezuwa ngokuphathelene abanye kwe-Namai Consulting. Ixombamakhele/Mvume -I-Environmental Assessment Practitioner

Usuku lokuhambisana nongama-2009

Zukuphule Primary School 01 June

10h00 – 17h00

DPW, Chocolate Street, Middelburg

De Wagensdriit Combined School 01 June

10h00 – 18h00

De Wagensdriit Groblerstad

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236 Mahlathini, Grootvlei

Abwiekly Hall 09 June

11h00 – 17h00

Con-Ride Inkwenkwekwe Street/ Kaarre Street, Mokopane

Ucake wamahla ukuhlola sa-Steelpoort Pumped Storage Scheme ukuze si-Steelpoort Pumped Storage Scheme ukuze simpende umuntu ukuze umdali umhlaba. Isib سیئری ماهی نواحی این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز این و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراکز اين و مراक