

**Annex B - Distribution Environmental Screening Document (DESD)**  
(Informative)

**Reticulation Powerlines and Ancillary Services**

Ratified and accepted by  
Environmental Practitioner  
Environmental Specialist  
Head of Engineering Survey  
(one signature please)

*M. O. Chwenya* 17/07/2015

Accepted by Land Owner/s/Users .....

I have seen the completed document and accept the  
recommendations made .....

**Assessor/s**

Form completed by *M. O. Chwenya* Signature: *M. O. Chwenya*

In consultation with: *T. V. Loggenby* Signature: *T. V. Loggenby*

CAPACITY (e.g. land owner, specialist): *Counsellor*

DATE COMPLETED: *09/07/2015*

**Instructions**

1. Fill the report in as neatly and completely as possible.
2. Where the question / statement is not applicable mark N/A.
3. Indicate sensitive areas on a map and/or spanning plans.
4. When in doubt, consult the Environmental Practitioner in your region.

The purpose of this DESD is to:

- Determine whether or not the project should be subject to R543-7, published in terms of the National Environmental management Act 107 of 1998.
- Identify and mitigate the negative impact of Eskom's activities to a minimum in line with both Legislation and Eskom's Environmental Policies.
- This report is a guide to Route Selection, Construction and Field Services.

**NOTE** Complete the report before the survey!!!

This is not an office exercise.

Extra sheets of paper may be added and referenced if insufficient space has been provided.

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**Annex B**  
(continued)

**4 Physical environment**

4.1 Water: streams rivers dams wetlands springs floodplains OTHER *N/A*

Present condition: .....

Potential impact (e.g. threat of pollution): .....

4.2 Soil: sandy rocky clayey OTHER .....

Present condition: *Good* .....

Potential impact (e.g. of erosion) *None* .....

4.3 Topography mountains ridges hills valleys ravines dongas OTHER *flat area*

Present condition: *Good* .....

Potential impact (e.g. of erosion) *None* .....

Comments/mitigating measures:  
.....  
.....  
.....  
.....  
.....  
.....  
.....

**Annex B**  
(continued)

Potential impact e.g. threat of encroachment, etc. ....

6.2 Visual aesthetics: easily seen hidden partially.....

Brief description *The new line running in the open between existing houses.*

Potential impact *None.*

6.3 Natural heritage: cultural significance archaeological objects monuments palaeontological objects graves meteorites ruins OTHER..... *N/A*

Note: Should any natural heritage resource as listed above, or as defined in the National Heritage Resource Act, No 25 of 1999 be identified, the requirements of Act 25 of 1999 shall be followed by notifying the SAHRA. If line or access road length exceeds 300m SAHRA shall be notified.

Potential impact .....

Comments/mitigating measures .....

**7 Economic environment**

7.1 Land use: crops orchards grazing crop spraying game farming forestry areas mining OTHER .....

Brief description *a Portion of the property is used for cattle grazing.*

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**Annex B**  
(continued)

What impact will this project have on elements 4 to 7?

1. Physical

No impact (0)                      Medium impact (2)                      High impact (4)

2. Natural

No impact (0)                      Medium impact (2)                      High impact (4)

3. Social

No impact (0)                      Medium impact (2)                      High impact (4)

Overall impact:

This section addresses the overall environmental impact of the project. The impacts as assessed in the above three spheres (physical, natural and social) need to be considered to determine the overall impact

0	2	4
<u>No impact</u>	Medium impact	High impact

If the overall impact is between 2 and 4, contact the Environmental Management Officer or the Environmental Senior Superintendent.

**Alternatives**

Have alternative routes been discussed with the relevant land owner/s or users?

Yes \_\_\_\_\_  
No       ✓      

**Detailed study**

Is an *environmental assessment* required in terms of Regulation R543?

Yes \_\_\_\_\_  
No       ✓      

Should a permit application be made to DWA?

Yes \_\_\_\_\_  
No       ✓      

Should the SAHRA be notified?

Yes \_\_\_\_\_  
No       ✓      

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