

**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)

Accepted by Land Owner/s/Users

Lesiba Jan Maeteletja

I have seen the completed document and accept the  
recommendations made

**Assessor/s**

Form completed by

ELIAS Dala

Signature:

*[Signature]*

in consultation with:

Maeteletja

Signature:

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

Tribal Authority

DATE COMPLETED:

19/08/2022

**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)

**1 Project description**

Project name/Survey  
Request Maeteletja C100kV Area Maeteletja  
Project number ..... File number .....  
Rural scheme/  
Feeder UNM Voltage .....  
Supply from .....  
(scheme name, pole numbers for tee-off)  
Supply to .....  
(Farm name, etc.)

**2 Properties traversed**

Farm name HARRY SMITH  
Registration number and Division 200-LR Sub-division MAIN FARM  
Compilation number ..... Line length (m) .....  
Farm name .....  
Registration number and Division ..... Sub-division .....  
Compilation number ..... Line length/Site area (m<sup>2</sup>) .....

**3 Brief description of the surrounding area**

A village that is located near Marken  
Near Olhe road R518

Could the proposed project have an impact on or be constrained by any of the following environmental aspects?

Encircle the appropriate aspect, giving a description of the present state as well as an indication of the possible negative impact. **Note that mitigating measures for these impacts are to be included in the Environmental Management Programme.**

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**Annex B**  
(continued)

**4 Physical environment**

**4.1 Water:** streams rivers dams wetlands springs floodplains OTHER .....

Present condition: There are no streams

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

No impact

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

Present condition: It is mostly sandy with few

rocky areas

Potential impact (e.g. of erosion) No impact

**4.3 Topography** mountains ridges hills valleys ravines dongas OTHER .....

Present condition: .....

Potential impact (e.g. of erosion) .....

Comments/mitigating measures:

.....  
.....  
.....  
.....  
.....  
.....  
.....

**Annex B**  
(continued)

**5 Natural environment**

5.1 Flora:            indigenous            protected            exotic            OTHER .....

Brief description and conservation status (e.g. rare, etc., mention trees/bush/grass) ... No cutting of trees is necessary .....

Potential impact (e.g. permit applications) ... None .....

5.2 Fauna:            mammals            birds            OTHER .....

Brief description and conservation status:  
(e.g. rare, protected, etc., mention giraffe, elephants, eagles, vultures, etc., mention migratory paths)  
... None .....

Potential impact (e.g. threat of electrocution, collision, etc.)  
... None .....

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

**6 Social environment**

6.1 Restricted areas:    nature/game reserves    hiking trails    tourism routes    parks    recreational areas  
Residential-areas    green belts    sacred/holy grounds    OTHER .....

Brief description ... grave yards that do not impact the project .....

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**Annex B**

(continued)

Potential impact e.g. threat of encroachment, etc. None

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

Brief description found and sand It can easily be seen

Potential impact .....

6.3 Natural heritage: cultural significance archaeological objects monuments palaeontological objects  
graves meteorites ruins OTHER.....

**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 does not impact the project

Comments/mitigating measures None

**7 Economic environment**

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

Brief description Rural residential & shops

**Annex B**  
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Potential impact Name .....

7.1.1 Commercial: factories shops OTHER .....

Brief description Rural Shops .....

Potential impact Name .....

7.1.2 Infrastructure: roads railways communications power lines air fields  
pipelines sewage OTHER .....

Brief description: existing pipes & excavations for  
pipelines .....

Potential impact Name .....

Comments/mitigating measures:

.....  
.....  
.....  
.....

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(continued)

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

1. Physical

<input checked="" type="radio"/> No impact (0)	<input type="radio"/> Medium impact (2)	<input type="radio"/> High impact (4)
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2. Natural

<input checked="" type="radio"/> No impact (0)	<input type="radio"/> Medium impact (2)	<input type="radio"/> High impact (4)
--	---	---------------------------------------

3. Social

<input checked="" type="radio"/> No impact (0)	<input type="radio"/> Medium impact (2)	<input type="radio"/> 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
No impact	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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