

## 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

B. Nyobeni 16/05/2014

X.S.S. Sylvia Tshouqwe

I have seen the completed document and accept the  
recommendations made

X.S.S. Tshouqwe

#### Assessor/s

Form completed by

Burke Schou Signature: X.S.S. Tshouqwe

in consultation with :

X.S.S. Sylvia Tshouqwe Signature: X.S.S. Tshouqwe

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

DATE COMPLETED: .....

### 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 ESKOM Area VOCKSRUST  
Project number T.HUTUKA PRIMARY File number .....  
Rural scheme/  
Feeder DSP Voltage .....  
Supply from DSP34-1647  
(scheme name, pole numbers for tee-off)  
Supply to T.HUTUKA/ZOETENDAL ULEI  
(Farm name, etc.)

**2 Properties traversed**

Farm name ZOETENDAL ULEI  
Registration number and Division 125 HS Sub-division .....  
Compilation number ..... Line length (m) 345,04m  
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**

T-OFF AT POLE NUMBER  
DSP 34-1647  
.....  
.....  
.....  
.....

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: N/A

**Note: No pegs to be placed within 100m of a watercourse (stream, river & dam) or 500m from a wetland. The Environmental Management Officer must be consulted.**

Potential impact (e.g. threat of pollution): NONE

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

Present condition: SANDY ROCKY LAND

Potential impact (e.g. of erosion) NONE / HARD ROCK

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

Present condition: HILLY AREA AND UNEVEN

Potential impact (e.g. of erosion) NONE

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

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DOCUMENT CLASSIFICATION: **CONTROLLED DISCLOSURE**  
**ENVIRONMENTAL IMPACT ASSESSMENT FOR**  
**DISTRIBUTION ACTIVITIES**

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(continued)

**5 Natural environment**

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

Brief description and conservation status (e.g. rare, etc., mention trees/bush/grass) .....

GRASS LAND

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)

SMALL BIRDS

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 ... N/A

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

6.2 Visual aesthetics: easily seen hidden partially

Brief description EASILY SEEN.

Potential impact NONE

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 SAHRA SHOULD BE NOTIFIED  
LINE IS LONGER THAN 300m.

Comments/mitigating measures

**7 Economic environment**

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

Brief description GRAZING LAND

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**Annex B**  
(continued)

Potential impact ..... *none* .....

7.1.1 Commercial: factories shops OTHER .....

Brief description ..... *N/A* .....

Potential impact ..... *none* .....

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

Brief description: ..... *NO CROSSING* .....

Potential impact ..... *NONE* .....

Comments/mitigating measures:

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

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**Annex B**  
(continued)

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

1. Physical

Low impact (0)      Medium impact (2)      High impact (4)

2. Natural

Low impact (0)      Medium impact (2)      High impact (4)

3. Social

Low 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
Low 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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