

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

x KHANYI NTHABISENG

I have seen the completed document and accept the
recommendations made

x Nkomo

Assessor/s

Form completed by

Burke Sutton

Signature:

in consultation with:

x N. KHANYI

Signature:

x Nkomo

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
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1 Project description

Project name/Survey
Request ESKOM Area AMERSFOORT
Project number File number
Rural scheme/
Feeder Voltage
Supply from POLE 14
(scheme name, pole numbers for tee-off)
Supply to ROLFOFTEIN
(Farm name, etc.)

2 Properties traversed

Farm name ROLFOFTEIN
Registration number and Division S36 IS Sub-division REM 0
Compilation number Line length (m) 1124m
Farm name ROLFOFTEIN
Registration number and Division S36 IS Sub-division 7
Compilation number Line length/Site area (m²)

3 Brief description of the surrounding area

T - OFF FROM POLE NUMBER 14

THE LINE WILL CROSS THE RIVER

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
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4 Physical environment

4.1 Water: streams ivers dams wetlands springs floodplains OTHER

Present condition: THE LINE WILL CROSS A RIVER.

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): THE ENVIRONMENT
MANAGEMENT OFFICER MUST BE CONSULTED

4.2 Soil: sandy rocky clayey OTHER

Present condition: SANDY AND ROCKY AREA.

Potential impact (e.g. of erosion) NONE

4.3 Topography mountains ridges hills valleys ravines dongas OTHER

Present condition: HILLY AREA WITH SMALL GRASS.

Potential impact (e.g. of erosion) NONE

Comments/mitigating measures:

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DOCUMENT CLASSIFICATION: CONTROLLED DISCLOSURE
ENVIRONMENTAL IMPACT ASSESSMENT FOR
DISTRIBUTION ACTIVITIES

Unique Identifier: 34-926
Type: DPC
Revision: DRAFT 0A
Page: 4 of 8

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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)

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. NONE6.2 Visual aesthetics: easily seen (easily seen) hidden (hidden) partially.....Brief description HILLS, UNGEVEEN TERRAIN
THE SCHOOL IS EASILY SEEN AND SITUATED
NEXT TO THE ROAD (GRAVEL ROAD).Potential impact NONE6.3 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

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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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: THE LINE RUNS THROUGH THE
GRAZING LAND.

Potential impact NONE

Comments/mitigating measures:

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

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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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