


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)

FJ Ludeke



Accepted by Land Owner/s/Users
I have seen the completed document and accept the
recommendations made

Assessors

Form completed by

M E Dave

Signature:



in consultation with

Wilcent

Signature:



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

DATE COMPLETED:

14.10.14

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 R324-7, 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.

Annex B
(continued)

1 Project description

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

2 Properties traversed

Farm name	<i>Batharo Village</i>	Sub-division
Registration number and Division	<i>KEP/001</i>	Line length (m)
Compilation number		
Farm name		
Registration number and Division		Sub-division
Compilation number		Line length/Site area (m ²)

3 Brief description of the surrounding area

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.**

Annex B
(continued)

4 Physical environment

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

Present condition: one stream running in between the village

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

4.2 Soil: sandy rocky clayey OTHER

Present condition:

Potential impact (e.g. of erosion)

None

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

RF

exotic

OTHER

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

Potential impact (e.g. permit applications)

~~None~~

A protected tree cutting permit will be needed.

RF

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)

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

.....

Annex B
(continued)

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

6.2 Visual aesthetics:

easily seen

hidden

partially.....

Brief description

Potential impact

None

6.3 Natural heritage: cultural significance

archaeological objects

monuments

paleontological 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

~~None~~ *None*

Comments/mitigating measures

There is a grave yard on one section that the MV line will pass. From GIS imagery it looks like the grave yard is well defined and therefore can be easily avoided. No construction activities are allowed to impact on a grave yard.

7 Economic environment

7.1 Land use:

crops

orchards

grazing

crop spraying

game farming

forestry areas

mining

OTHER

Brief description

Rura Residential

Annex B
(continued)

Potential impact

7.1.1 Commercial: factories shops OTHER

Brief description

Potential impact Rural shops, None

7.1.2 Infrastructure: roads pipelines railways sewage communications OTHER

Brief description:

Potential impact None

Comments/mitigating measures:

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

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

No impact

2

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 _____