


**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)

 10/11/2021

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

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

Form completed by S. MCHURN Assessor/s Signature: 

in consultation with: M. J. R Signature: 

CAPACITY (e.g. land owner, specialist): WARD COMMITTEE MEMBER

DATE COMPLETED: 20/10/2021

**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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**ENVIRONMENTAL IMPACT ASSESSMENT FOR DISTRIBUTION ACTIVITIES**

Unique Identifier: 240-72597722

Revision: 1

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(continued)

**1 Project description**

Project name/Survey  
 Request BROEDERSPUT EXT ELECTRIFICATION Area DELAKEYVILLE  
 Project number ..... File number .....  
 Rural scheme/  
 Feeder KARLUT - GENOA Voltage 22 KV  
 Supply from KYA 39-24-9-13  
 (scheme name, pole numbers for tee-off)  
 Supply to BROEDERSPUT VILLAGE  
 (Farm name, etc.)

**2 Properties traversed**

Farm name N/A  
 Registration number and Division ..... Sub-division .....  
 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**

THE AREA IS SITUATED ALONG THE N14 NATIONAL ROAD BETWEEN DELAKEYVILLE AND VRYBURG. THE TOPOGRAPHY IS RELATIVELY FLAT WITH SCATTERED THIN TREES AND LOW DRY GRASS COVER.

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 rivers dams wetlands springs floodplains OTHER.....

Present condition: NO WATER FEATURES WERE IMPACTED.

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

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

**4.2 Soil:** sandy rocky clayey OTHER LOAM SOIL

Present condition: NO PRESENT SIGN OF EROSION.

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

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

Present condition: AREA IS RELATIVELY FLAT.

Potential impact (e.g. of erosion) MINIMAL THREAT OF EROSION DURING RAINY SEASON.

Comments/mitigating measures:

USE EXISTING ACCESS TO AVOID CREATING MULTI-TRACKS.

VEGETATION SHOULD NOT BE DISTURBED.

**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) DRY GRASS AND SCATTERED THORN TREES.

Potential impact (e.g. permit applications) NO PERMIT OR BUSH CLEARING REQUIRED

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)

NO BATTLE SPECIES OBSERVED DURING SURVEY. SMALL DIFFERENT SPECIES OF BIRDS & CATTLE OBSERVED.

Potential impact (e.g. threat of electrocution, collision, etc.) MINIMAL THREAT OF COLLISION DURING CONSTRUCTION.

Comments/mitigating

measures:

VEHICLES TO BE OPERATED AT MODERATE SPEED TO AVOID COLLISION.

VILLAGE ACCESS GATE TO BE KEPT CLOSED TO AVOID LOSS.

**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 NO RESTRICTED AREAS WERE POINTED OUT.

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Potential impact e.g. threat of encroachment, etc. N/A

6.2 Visual aesthetics: easily seen hidden partially

Brief description THE AREA IS EASILY SEEN ALONG THE MAIN ROAD. EXISTING FIELD ACCESS.

Potential impact MINIMAL IMPACT. INFRASTRUCTURE ALREADY VISIBLE IN THE AREA.

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 RESIDENTIAL AREA WITH DOMESTIC STOCK FARMING

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**Annex B**  
(continued)

Potential impact .....

7.1.1 Commercial: factories shops OTHER .....

N/A

Brief description .....

Potential impact .....

.....  
.....

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

Brief description: NATIONAL ROAD AND AN EXISTING  
22KV MV & LV NETWORK

Potential impact POWER OUTAGES MAY OCCUR DURING  
CONSTRUCTION.

**Comments/mitigating measures:**

INFORM POWER USERS WELL IN ADVANCE OF  
POSSIBLE POWER CUTS.

.....  
.....

**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

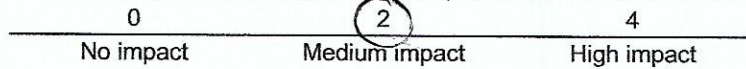
No impact (0)

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



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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