5. Natural environment

5.1 **Flora:** indigenous protected exotic OTHER ... None

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

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

5.2 **Fauna:** mammals birds OTHER
..... None .....

Brief description and conservation status:

(e.g. rare, protected, etc., mention giraffe, elephants, cages, vultures, etc., mention migratory paths)

.....
..... N/A .....

Potential impact (e.g. threat of electrocution, collision, etc) .....
.....
..... N/A .....

Comments/mitigating measures:
.....
.....
..... N/A .....
.....
.....

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 ... There are Houses all Around.

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

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

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

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 AMAFA. **If line or access road length exceeds 300m, AMAFA shall be notified.**

Potential impact ..... THERE ARE NO NATURAL HERITAGE .....
NEAR THE LINE .....
Comments/mitigating measures
..... AMAFA SHALL BE NOTIFIED .....
.....

7. Economic environment

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

Brief description ..... THERE ARE CROPS & ANIMALS GRAZING .....
.....
.....

What impact will this project have on elements 4 to 7? (Circle appropriate level of impact)

1. **Physical**

Low impact (1) Medium impact (2) High impact (4)

2. **Natural**

Low impact (1) Medium impact (2) High impact (4)

3. **Social**

Low impact (1) 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 (physica, natural and social) need to be considered to determine the overall impact

1	2	4
Low impact	Medium impact	High impact

If the overall impact is:

(a) **>2 but < 4**, consult Eskom's Environmental and Quality Officer

(b) **≥4**, refer to Eskom Environmental and Quality Officer

ANNEXURE 1

Distribution Environmental Screening Document (DESD)

Reticulation Powerlines and Ancillary Services

Ratified and accepted by
Area Surveyor ....

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

Assessor/s

Form completed by [illegible] ...... Signature: ....

In consultation with Bio-Heritage .... Signature: ....

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

DATE: 12/12/2014 ....

DESD COURSE COMPLETED (Yes/No): Yes ....

Instructions

1. Fill the report in as neatly and completely as possible.
2. Utilise GIS systems, e.g. SpaceMan, Strategic Environmental Constraints Framework, and other relevant tools, to perform this desktop screening exercise.
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 Eskom KZN OU Environmental Practitioner.

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:

1. **Complete the report before the survey.**
2. **This is not an office exercise.**
3. **Extra sheets of paper may be added and referenced if insufficient space has been provided.**

1. Project description

Project name/Survey

Request GLADYS HLENGIWE X6 Customers Area MOPO

Project number UM 1220 41183 File number

Rural scheme/

Feeder MOPO NB 26 Voltage 22kV

Supply from UR 279

(scheme name, pole numbers for tee-off)

Supply to

(Farm name, etc.)

2. Properties traversed

Farm name LOT BI 7740 ES

Registration number and Division Sub-division

Compilation number Line length (m) 1013m

Farm name

Registration number and Division Sub-division

Compilation number Line length/Site area (m^2)

3. Brief description of the surrounding area

VEHICLE ACCESS is [illegible] THROUGH MOST OF THE ROUTE. HEAVY & LIGHT MOTOR VEHICLES CAN TRAVEL ON THE ROAD. THERE ARE GENTLE SLOPES AND NO TREES. AVOID small DRIVEWAYS when Raining THE Ground is hard in Certain AREAS. No Rocks.

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.**

4. Physical environment

4.1 Water: streams rvers dams wetlands springs floodplains OTHER
None

Present condition: -

Potential impact (e.g. threat of pollution):
N/A

4.2 Soil: (sandy) rocky clayey OTHER

Present condition: The Ground is sandy and hard in certain areas

Potential impact (e.g. of erosion) -

4.3 Topography mountains ridges (hill) valley ravines dongas OTHER

Present condition:
Gentle Slopes

Potential impact (e.g. of erosion) None

Comments/mitigating measures:
N/A