

**ENVIRONMENTAL IMPACT ASSESSMENT FOR
ESKOM'S NORTHERN KWAZULU-NATAL STRENGTHENING PROJECT**

COMMENTS AND RESPONSES REPORT

DRAFT ENVIRONMENTAL IMPACT REPORTS AND DRAFT BASIC ASSESSMENT REPORTS

**Normandie-Iphiva 400 kV Powerline (EIA Ref No: 14/12/16/3/3/2/1036)
Iphiva Substation (EIA Ref No: 14/12/16/3/3/2/1037)
Iphiva-Duma 400 kV Powerline (EIA Ref No: 14/12/16/3/3/2/1038) and
132 kV Distribution Powerlines**

25 April 2018

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LIST OF ABBREVIATIONS

BID	Background Information Document
DEA	Department of Environmental Affairs
EA	Environmental Authorisation
EAP	Environmental Assessment Practitioner
EIA	Environmental Impact Assessment
EMF	Electric and Magnetic Field
EKZNW	Ezemvelo KZN Wildlife
FGM	Focus Group Meeting
I&APs	Interested and Affected Parties
KZN	KwaZulu-Natal
NEMA	National Environmental Management Act, 107 of 1998
PPP	Public Participation Process
TC	Traditional Council

LIST OF UNITS

KM	Kilometres
kV	Kilovolts

1. INTRODUCTION

1.1 Background

Eskom Holdings Limited has commissioned an Environmental Impact Assessment (EIA) to investigate the potential environmental impacts of the proposed project to strengthen the supply of electricity to northern KwaZulu-Natal (KZN). The proposed project consists of the new Iphiva 400/132 kV Substation near the town of Mkhuze in KZN, which will be integrated into the 400 kV network by two 400 kV lines, namely the ±150 km Normandie-Iphiva, the ±130 km Iphiva-Duma 400 kV Transmission powerlines, as well as ±165 km of 132 kV Distribution powerlines that will link into the Iphiva Substation.

1.2 Purpose of this report

This report provides a formal and integrated record of all the comments raised by Interested and Affected Parties (I&APs) at the meetings or by letters, e-mails or telephone and the responses provided by Eskom and NAKO ILISO.

2. STRUCTURE OF THE REPORT

The Comments and Responses Report presents a list of all meetings held, information distributed to the public and the comments raised during these engagements.

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3. CONSULTATION MEETINGS

3.1 Key Stakeholders and Authorities' Meetings

The following Key Stakeholders and Authorities' Meetings took place:

Area	Date	Venue	Time
Project Announcement Phase			
Piet Retief	Monday, 05 Sept 2016	Piet Retief Country Club West End Street, Piet Retief	10:00 – 12:30
Pongola	Tuesday, 06 Sept 2016	Pongola Country Lodge 14 Jan Mielie Street Pongola	10:00 – 12:30
Mkhuze	Wednesday, 07 Sept 2016	Ghost Mountain Inn Fish Eagle Road, Mkhuze	10:00 – 12:30
Hluhluwe	Thursday, 08 Sept 2016	Protea Hotel 104 Main Road, Hluhluwe	10:00 – 12:30
Draft Scoping Report Review			
Pongola	Tuesday, 19 Sept 2017	Pongola Country Lodge 14 Jan Mielie Street Pongola	10:00 – 12:30
Mkhuze	Wednesday, 20 Sept 2017	Ghost Mountain Inn Fish Eagle Road, Mkhuze	10:00 – 12:30

3.2 Focus Group Meetings

The following Focus Group Meetings took place:

Area	Date	Venue/Meeting Reference	Time
Project Announcement Phase			
Pietermaritzburg	Friday, 09 Sept 2016	Ezemvelo KZN Wildlife	09h00 -10h30
Mkhuze	Tuesday, 25 Oct 2016	Ghost Mountain Inn	09h00 - 12h00
Mkhuze	Wednesday, 29 March 2017	Ghost Mountain Inn	10h00 - 11h30
Draft Scoping Report Review			
Piet Retief	Monday, 18 Sept 2017	Mr Eckard Hiestermann's Farm (Witklip Farm)	14h00 -15h00
Meetings held post Final Scoping Report Submission			
Pietermaritzburg	08 November 2017	Ezemvelo KZN Wildlife	13h30
Piet Retief	22 November 2017	Moolman Farmers Association	16h00
Piet Retief	23 November 2017	Meeting and Site Visit with landowners near Normandie	10h00
Johannesburg	13 December 2017	Bird's Focus Group Meeting	10h00 – 13h30

3.3 Traditional Council Meetings

The following Traditional Council Meetings took place:

NO	MEETING WITH	VENUE	DATE
1	Makhasa Traditional Council	Makhasa Tribal Court (Hluhluwe)	12 Sept 2016
2	Nibela Traditional Council	Nibela Tribal Court (Hluhluwe)	13 Sept 2016

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NO	MEETING WITH	VENUE	DATE
3	AbakwaHlabisa Traditional Council	AbakwaHlabisa Tribal Court (Hlabisa)	14 Sept 2016
4	Mdletshe Traditional Council	Mdletshe Tribal Court (Hlabisa)	14 Sept 2016
5	Mpembeni Traditional Council	Mpembeni Tribal Court (Hlabisa)	15 Sept 2016
6	Myeni/Ntsinde Traditional Council	Myeni Tribal Court (Obonjeni)	20 Sept 2016
7	Ngwenya/Ntsinde Traditional Council	Ngwenya Tribal Court (Mkhuze)	20 Sept 2016
8	Ndlangamandla Traditional Council	Ndlangamandla Tribal Court (Pongola)	21 Sept 2016
9	Sibiya Traditional Council	Sibiya Tribal Court (Pongola)	22 Sept 2016
10	Msibi Traditional Council	Msibi Tribal Court (Emgulatshani)	23 Sept 2016
11	Simelane Traditional Council	Simelane Tribal Court (Pongola)	26 Sept 2016
12	Gumbi Traditional Council	Gumbi Tribal Court (Pongola)	27 Sept 2016
13	Emgazini Traditional Council	Emgazini Tribal Court (Pongola)	28 Sept 2016
14	Ntshangase Traditional Council	Ntshangase Tribal Court (Pongola)	29 Sept 2016
15	Mavuso Traditional Council	Mavuso Tribal Court (Pongola)	03 Oct 2016
16	Klwana Traditional Council	Klwana Tribal Court (Piet Retief)	03 Oct 2016
17	Msiyane Traditional Council	Msiyane Tribal Court (Louwsberg)	04 Oct 2016
18	Empangisweni Traditional Council	Empangisweni Tribal Court (Langkraans)	05 Oct 2016
19	Khambi Traditional Council	Khambi Tribal Court (Gluckstadt)	06 Oct 2016
20	Emathongeni Traditional Council	Emathongeni Tribal Court (Vryheid)	07 Oct 2016
21	Hlahlindlela Traditional Council	Hlahlindlela Tribal Court (Swart Umfolozi)	12 Oct 2016
22	Othaka Traditional Council	Othaka Tribal Court (Nqutu)	12 Oct 2016
23	Mandlakazi Traditional Council	Mandlakazi Tribal Court (Emondlo)	13 Oct 2016
24	Usuthu Traditional Council	Usuthu Tribal Court (Nongoma)	13 Oct 2016
25	Dlamini Traditional Council	Dlamini Tribal Court (Nongoma)	18 Oct 2016
26	Ndlela Traditional Council	Ndlela Tribal Court (Paulpietersberg)	18 Oct 2016
27	Bhovungane Traditional Council	Bhovungane Tribal Court (Paulpietersburg)	19 Oct 2016
28	Mthethwa Traditional Council	Mthethwa Tribal Court (Paulpietersburg)	20 Oct 2016
29	Mpukunyoni Traditional Council	Mpukunyoni Tribal Court (Paulpietersburg)	21 Oct 2016

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NO	MEETING WITH	VENUE	DATE
30	Usuthu Traditional Council	Usuthu Tribal Court (Mtubatuba)	25 Oct 2016
31	Gumbi Traditional Council	Gumbi Tribal Court (Nongoma)	26 Oct 2016
32	Mandlakazi Traditional Council	Mandlakazi Tribal Court (Pongola)	28 Oct 2016

4. DOCUMENTS MADE AVAILABLE TO STAKEHOLDERS

The following documents have been distributed to registered I&APs during the public participation process:

No	Date	Report	Languages
Project Announcement Phase			
1.	16 August 2016	Letter notifying, I&APs of the application	English and Zulu
2.	16 August 2016	Background Information Document	English and Zulu
3.	July/August 2016	Project information leaflets to all postboxes in the study area.	English and Zulu
Draft Scoping Report Review			
4.	30 August 2017	Letter notifying, I&APs of the availability of Draft Scoping Report for review	English and Zulu
5.	31 August 2017	Draft Scoping Report (at public venues and on website)	English
6.	15 September 2017	Letter reminding I&APs of the Public Meetings	English
7.	August – September 2017	Draft Scoping Report Executive Summaries	English and Zulu
8.	01 October 2017	Letter notifying I&APs of extension of Draft Scoping Report Review	English
Final Scoping Report Acceptance			

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No	Date	Report	Languages
9.	13 March 2018	Letter notifying I&APs of the acceptance of the Final Scoping Report	English and Zulu

5. COMMENTS AND RESPONSES

- The comments and issues received from I&APs during the **Project Announcement Phase** are recorded in the **Table 1**.
- The comments and issues received from I&APs during the **Draft Scoping Report Review** period are recorded in the **Table 2**.
- The comments and issues received from I&APs after the **submission of the Final Scoping Report** are recorded in the **Table 3**.
- Lengthy submissions have also been listed in Table 3 and appended to this report. Supporting documentation (e.g. reports and pieces of legislation) have been included in the electronic records.

5.1 Comments received during the Draft Scoping Report Review

Table 1: Comments received during project announcement

Item No.	Comments/ Questions	Date received	Origin	Responses
1.	Technical Details/Project Description			
1.1	Is the land belonging to TWK Agri (Pty) Ltd within the study area of the project and how will be affected?	05 September 2016	Mr Mandla Ngwenya Piet Retief Public Meeting	The land belonging to TWK Agri (Pty) Ltd is within the study area. The affected portion of the land was shown on the map.
1.2	Is there a guarantee that there will be additional powerlines in the currently existing vacant servitudes?	07September 2016	Ms Karen Holmes Mkhuze Public Meeting	No. The existing vacant servitudes are being assessed as one of the alternatives in the EIA process.

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Item No.	Comments/ Questions	Date received	Origin	Responses
1.3	How does the current electricity network function?	07 September 2016	Ms Karen Holmes Mkhuze Public Meeting	The northern KZN network is currently fed at 132 kV by Normandie Substation and Impala Substation. The major load centres are Pongola and Makhathini Flats and high voltage drops are experienced in the 132 kV network as the demand increases.
1.4	Will Iphiva 1 and 3 be connected?	07 September 2016	Mr Charl Senekal Mkhuze Public Meeting	Iphiva 1 and 3 are two of the 13 proposed sites where Iphiva substation can be constructed. Only one of the sites will be constructed.
1.5	Is Sibuyelekhaya Trust affected by the proposed project?	07 September 2016	Mr Sabelo Mpaza Mkhuze Public Meeting	Yes, the Sibuyelekhaya Trust is affected by the proposed project specifically by the Iphiva 3 Substation site.
1.6	Will the double circuit powerlines come and leave the substation, and how far apart will these lines be?	25 October 2016	Mr Craig Lee Landowner Focus Group Meeting, Mkhuze	Eskom may use a double circuit power line to take two 132 kV powerlines for a short distance where there is a space constraint. A double circuit configuration will have six conductors (three phases for each circuit) on one tower.
1.7	Will it be possible to avoid Mkhuze area altogether by taking the power from somewhere else to Makhathini and not form the Iphiva Substation?	25 October 2016	Mr Ivor van Rooyen Landowner Focus Group Meeting, Mkhuze	It will not be possible. There is already an existing line to Makhathini.
1.8	A request for clarity on the height of the towers.	25 October 2016	Mr Craig Lee Landowner Focus Group Meeting, Mkhuze	For the 400 kV line towers, the conductor must be a minimum of 18 m and a maximum of 33 m above the ground.

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Item No.	Comments/ Questions	Date received	Origin	Responses
1.9	How will Hlekani lodge be affected by Iphiva 2 to Iphiva 7?	25 October 2016	Mr Sbonelo Ngcobo Landowner Focus Group Meeting, Mkhuze	For substation sites Iphiva 2 to 7 some powerlines will have to traverse to the east. The shortest and least impact corridor for this is along the P234. The area is incredibly sensitive with many game farms. Minimizing the impact of these lines is important to Eskom.
1.10	Will the new power stations be able to sustain the current population growth rate? Why has government or Eskom not addressed the issue of overloaded substations for over 20 years when the population has been growing exponentially?	13 September 2016	Mr Ntshangase Nibela TC Meeting	Both the government and Eskom are always investigating new ways to generate electricity in order to meet the increasing growth and needs in South Africa. As population grows, the demand for electricity also increases. The figure is growing every year. Eskom generates electricity using coal, gas turbines, hydro-electric, wind, nuclear technology, etc. The Eskom Northern KZN Strengthening Project is being implemented in order to meet the ever-increasing electricity demands in the northern KZN areas.
1.11	Has Eskom considered using the Mbazwane to Hluhluwe route as a corridor because the Mbazwane area does not have its own substation?	13 September 2016	Ms Gina Nibela TC Meeting	Engineers have considered a number of route options. The corridors which are technically feasible from an engineering perspective have been shown in the presentation. The location of the proposed 400/132 kV substation in Mkhuze will influence the corridor selection. The preferred corridor will be selected during the EIA process and all registered I&APs will be kept informed.
1.12	Will the 2 km corridors be used for the powerlines or for the substation?	14 September 2016	A Stakeholder	The EIA is requesting approval of a 2km wide corridor within which Eskom will negotiate a servitude for the

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	Will the powerlines be supported by steel poles?		AbakwaHlabisa TC Meeting	powerlines. Only one or a combination of the corridors will be selected for the power lines. The powerlines will be supported by steel poles.
1.13	Will the new substation and new powerlines have an effect on the price of electricity in the area?	14 September 2016	A Stakeholder Mdletshe TC Meeting	Electricity tariffs are regulated by the National Energy Regulator of South Africa (NERSA). They regulate the price increases for customers supplied directly by Eskom and those supplied by municipalities. Construction of the new substation in the northern KZN does not necessarily mean that consumers in northern KZN will be paying more. NERSA regulates all tariff increases in line with their mandate as a regulatory body.
1.14	Is the Eskom Northern KZN Strengthening project aligned to the existing substation at Candover? An Eskom Official delivered a presentation in June 2016 to the Myeni/Nsinde Traditional Council regarding electricity transmission from Candover.	20 September 2016	A Stakeholder Myeni/Nsinde TC Meeting	The EIA team was not in a position to confirm if the presentation formed part of the proposed project. Eskom is currently investigating a number of options to improve the reliability of supply to the northern KZN areas. It was emphasised that the laws which regulate developments in South Africa require that the developer consults with the I&APs as part of the application.
1.15	The presentation that was presented to the Traditional Council in June 2016 was about Eskom powerlines stretching from Candover to Mbazwana and to Jozini.	20 September 2016	Mr Vreidman Myeni Myeni/Nsinde TC Meeting	Mr Myeni was thanked for his contribution and providing clarity at the meeting.

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1.16	We need clarity on how the servitude is acquired and what does it mean in practical terms.	20 September 2016	Mr Vreidman Myeni Myeni/Nsinde TC Meeting	<p>For a power line, Eskom does not purchase the land but they purchase the right to use the land for transmitting electricity. This "servitude right" enables Eskom to build the powerline and have access to it for any maintenance purposes. As a result, the servitude right could have restrictions on how the landowner uses the land. Eskom will therefore compensate for any loss resulting from these restrictions.</p> <p>If the piece of land falls within the Traditional Council, negotiations will be done with the relevant Traditional Council in close consultation with the Ingonyama Trust.</p> <p>The servitude negotiation process is a private matter between Eskom and the affected landowner. This process will only commence once Environmental Authorisation has been issued.</p> <p>Once the route is confirmed, the servitude agreement will be finalised with individual landowners. Different landowners may have different requirements. Compensation payments are made when the servitude is registered at the Deeds office.</p>
1.17	Please provide clarity regarding the name "Iphiva."	20 September 2016	A Stakeholder Myeni/Nsinde TC Meeting	<p>Iphiva is the name of the proposed substation in Mkhuze. Iphiva is a Zulu word for Antelope.</p> <p>The Iphiva substation has 13 possible locations at Mkhuze in the vicinity of Mkhuze. Only one (1) site will</p>
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				be authorised by the Department of Environmental Affairs.
1.18	Will it be feasible for the proposed substation to be built in the Ndlangamandla area?	21 September 2016	Mr J Mtshali Ndlangamandla TC Meeting	The substation has to be located in Mkhuze area. Mkhuze has been chosen based technical considerations and power supply requirements. The Ndlangamandla area is potentially affected by the powerlines from Normandie Substation to the proposed Iphiva Substation.
1.19	According to my knowledge, the distribution of electricity is often separated by areas or regions. Half of Pongola consumers are supplied from Empangeni and the other half from Newcastle. Which area between Empangeni and Newcastle will have its network strengthened so as to increase the supply of electricity in Pongola?	22 September 2016	A Stakeholder Sibiya TC Meeting	Power is generated at power stations in Mpumalanga. The Eskom Northern KZN Strengthening Project will be transporting power from the Normandie substation which is 18km from Piet Retief, to a new substation to be built in the vicinity of Mkhuze. Some networks do not have the capacity to supply electricity in large volumes, and some substations have small transformers. Eskom has a number of strengthening projects in the pipeline that have been prioritised.
1.20	Will the proposed powerlines be connected to existing substations or new substations will be built?	23 September 2016	Mr Johannes Sukwaza Msibi TC Meeting	The proposed powerlines will be connected to existing Normandie Main Transmission Substation which is located near Piet Retief. The new 400 kV power line will feed into the Iphiva substation near Mkhuze, which is yet to be built.

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				The Duma substation located near Ulundi has not yet been built but has received environmental authorisation.
1.21	Will the Pongola area benefit from the proposed substations?	23 September 2016	Mr Wesley Mntungwa Msibi TC Meeting	The configuration of the entire project is aimed at strengthening supply of electricity to the northern KZN areas, which also includes Pongola and surrounding areas. There are additional 132 kV distribution lines which will also link into the Iphiva substation.
1.22	Will the new powerlines connect with the existing powerlines in the community?	28 September 2016	Mr Johan Simelane Simelane TC Meeting	The new powerlines will not connect directly to the existing powerlines within the community. The new powerlines will stretch from Normandie substation (located near Piet Retief) to a new Iphiva substation to be built in the Mkhuze area. The entire project is only dealing with high voltage transmission and distribution lines. The KwaSimelane area is affected by one of the proposed corridors from Normandie to Iphiva substation.
1.23	Has Eskom considered the option of increasing the voltage transmitted by existing powerlines as opposed to building new powerlines?	29 September 2016	Mr Simon Dlamini Ntshangase TC Meeting	Eskom has investigated a number of options for strengthening the power supply to the northern KZN areas. In order to alleviate current and future network constraints, it was proposed that the Iphiva 400/132kV substation be introduced in the area in order to de-load the transmission network and improve the voltage regulation in the area.

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1.24	Will the powerlines within the community remain active or they will be decommissioned?	29 September 2016	Mr Simon Dlamini Ntshangase TC Meeting	All existing powerlines will remain in operation.
1.25	When will the construction of the proposed Iphiva substation in Mkhuze commence?	05 October 2016	Mr Zakhele Mathenjwa Empangisweni TC Meeting	<p>Construction will only commence once environmental authorisation has been received from the Minister of Environmental Affairs. Environmental Authorisation is anticipated in 2018.</p> <p>All registered I&APs (including Traditional Councils) will be informed of this milestone.</p>
1.26	Will Eskom be buying the 2km corridors for the powerlines?	05 October 2016	Mr S Ngobese Empangisweni TC Meeting	<p>The EIA will request authorisation for a 2 km wide corridor within which Eskom can negotiate a servitude. Eskom only requires a 55m servitude for the 400 kV powerlines and 36 m for the 132 kV powerlines.</p> <p>Therefore, Eskom will not be purchasing land within the 2km corridors, but will negotiate for a right (servitude right), i.e. to use the land with the affected land owners.</p>
1.27	Please explain the term "servitude right" and how it will be applied practically.	06 October 2016	Mr ME Zungu Khambi TC Meeting	<p>Transmission lines are constructed and operated within a servitude (55m wide for 400 kV lines) that is established along the entire length of the line. Within this servitude, Eskom has certain rights and controls which support the safe and effective operation of the line.</p> <p>The servitude right therefore refers to "the right to use someone else's land for a specified purpose". In the</p>

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				<p>case of an overhead power line this right includes the erection, operation and maintenance of the power line, and the right of access to carry out these activities.</p> <p>The servitude also allows Eskom the right to prevent or limit activities that may affect the operation of the line (e. g no buildings or tall trees within the servitude).</p>
1.28	Will the proposed station at Mkhuze be an electricity generation station?	26 October 2016	Mr M Ndwandwe Usuthu TC Meeting	The Iphiva Substation proposed in Mkhuze is a 400/132 kV transmission substation. It is not a generation station.
1.29	To what extent will the Usuthu Traditional Council be affected by the proposed corridors?	26 October 2016	Mr M Ndwandwe Usuthu TC Meeting	The Usuthu Traditional Council is affected by the Normandie - Iphiva lines. The Usuthu Traditional Council area falls within the proposed corridor labelled D - E.
1.30	Why is the proposed corridor to the extent of 2km whereas only 55m is needed for the powerlines?	26 October 2016	Mr MS Mahlambi Usuthu TC Meeting	<p>The 2km corridor enables Eskom to find the best alignment within the corridor. The size of the corridor makes it possible for Eskom to avoid constraints and areas of importance along the corridor.</p> <p>The preferred line alignment will require 55m servitude which will be negotiated with affected landowners.</p>
1.31	How tall are the structures which support the powerlines?	27 October 2016	Mr Gumbi Gumbi TC Meeting	Distribution lines (132 kV): the height of the tower will be approximately 18 – 25 m and tower spacing is approximately 250 to 400 m.

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				Transmission lines (400 kV): the conductor must be a minimum of 18 m and a maximum of 33 m above the ground.
2.	Need and Desirability			
3.	Construction Process			
3.1	When will construction of the substation commence?	06 th September 2016	Mr Johan Welken Public Meeting, Pongola	Construction is anticipated to commence in 2022.
3.2	There is a risk to the safety of the construction staff during construction inside a protected area that has dangerous animals.	07 th September 2016	Ms Karen Holmes Public Meeting, Mkhuze	The safety of construction workers in protected areas will be addressed in the Draft Environmental Management Programme report that will form part of the Environmental Impact Assessment report.
4.	Cumulative Impacts (Future lines)			
5.	Alternatives from I&APs			
5.1	A proposal that the Iphiva substation be supplied from Duma Substation via Ubombo instead of Normandie Substation.	07 th September 2016	Mr Charl Senekal Public Meeting, Mkhuze	Electricity that is generated in Mpumalanga (Camden Power Station) needs to be brought into the area via the Normandie Substation. A line between the Normandie Substation and the proposed new Iphiva Substation is therefore required and cannot be avoided.
5.2	Please assess and consider the feasibility of constructing the 400 kV transmission lines underground.	07 th September 2016	Mr Charl Senekal Public Meeting, Mkhuze	Burying powerlines will be assessed as an alternative in the sensitive area along the P234 and the findings will be reported in the draft EIA report.

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5.3	Iphiva 3 to Iphiva 4 is the shortest route; underground cable can be ideal and possible.	25 th October 2016	Ms Karen Holmes Landowner FG Meeting, Mkhuze	The 132 kV lines from the new substation will have to break into the existing 132 kV lines. Two lines are required; one going north and another going south. These can be accommodated on one structure as a double circuit line where the corridor is common.
5.4	How are we impacted if underground powerlines are considered as an alternative from Iphiva 4 to Iphiva 3?	25 th October 2016	Mr Craig Lee Landowner FG Meeting, Mkhuze	Burying powerlines will be assessed as an alternative in the sensitive area along the P234 and the findings will be reported in the draft EIA report.
5.5	Eskom needs to have an accurate plan of where lines and Eskom structures would go as the plans that they have at the moment are unclear. Eskom should assess the economic and conservation impact and find an alternative.	25 th October 2016	Ms Karen Holmes Landowner FG Meeting, Mkhuze	Eskom has revisited and reviewed the plans in order to come with clear alternatives. Economic and biodiversity specialist studies are being undertaken as part of the EIA process.
5.6	Is it allowed to have vegetation below the above-ground lines?	25 th October 2016	Mr Craig Lee Landowner FG Meeting, Mkhuze	Yes, vegetation is allowed, but only to a certain height.
6.	Public Participation Process			
6.1	Which methods were used to notify the Key stakeholders of the meetings?	06 th September 2016	Mr Lungisani Mpongase Public Meeting, Pongola	The EIA process is a mandatory legal requirement promulgated in the Government Gazette in terms of the National Environmental Management Act (Act 107 of 1998) (NEMA). The 2014 Regulations specify the methods to be used for the notification of Key Stakeholders and NAKO ILISO used the following: <ul style="list-style-type: none"> Placing of Newspapers Adverts in two provincial newspapers namely, Isolezwe and Mercury, and the Excelsior regional newspaper;

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				<ul style="list-style-type: none"> • Sent Notification letters via emails; • Made Telephone calls; • Erected Onsite Notices; and • Distribution the Background Information Document (BID). <p>Although the meetings are not a legal requirement, they are an advantage in identifying and acquiring contact details of as many Interested and Affected Parties as possible.</p>
6.2	A request for maps of the study area and detailed information of the proposed project.	07 th September 2016	Ms Karen Holmes Public Meeting, Mkhuze	The BID is available for Interested and Affected Parties (I&APs) as hard copy and the soft copies can be obtained from the NAKO ILISO website.
6.3	Please provide the background and description of the proposed project.	08 th September 2016	Mr Siphon Ntshangase Public Meeting, Hluhluwe	The Background Information Document (BID) is available for Interested and Affected Parties (I&APs) as hard copy and the soft copies can be obtained from the NAKO ILISO website.
6.4	The study area lies at the edge of iSimangaliso Wetland Park's buffer zone and they should be contacted.	09 th September 2016	Ms Dinesree Thambu FGM with EKZNV	The iSimangaliso Wetland Park has been notified.
6.5	I believe that the Eskom Northern KZN Strengthening Project should have been presented to Traditional Council members only and excluded the community due to the fact that communities only want to talk about electrification.	12 September 2016	Induna Mr Mathenjwa Makhasa TC Meeting	It was explained that the EIA process is a transparent and legislated process. All members of the public who are interested and affected by the proposed project have a right to participate and raise their concerns. All issues raised will be recorded in the Comments and Responses Report which will be part of the Scoping and Environmental Impact Reports.

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				The consultation process recognises the relevant leadership structures within communities, e.g. Traditional Councils, Councillors, etc. As such, all meetings will be coordinated in close consultation with the relevant structures.
6.6	Will there be another meeting scheduled with the Myeni/Nsinde community? Izinduna will not have the same capacity to deliver the project information accurately to the community and to also address questions.	20 September 2016	Mr Vutha Myeni Myeni/Nsinde TC Meeting	It was explained that the purpose of the meetings was to announce the project and invite participation of all I&APs. Meetings have been arranged with all potentially affected Traditional Councils to ensure meaningful participation. The Traditional Council will be kept updated of the EIA process. Additional meetings will be arranged, if necessary. Additional copies of Background Information Documents were also provided to all attendees for further distribution.
6.7	Would it be possible to provide a detailed map which shows the exact properties which could be affected by the powerlines?	20 September 2016	INKosi Myeni Myeni/Nsinde TC Meeting	It was explained that the corridors shown on the map are mapped at 2km.
6.8	She thanked the EIA Team for the information and for engaging directly with the community before any work could commence in the area.	20 September 2016	Induna Ms Philisiwe Mabuza Ndlangamandla TC Meeting	Induna Mabuza's comments were noted, with thanks.

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	Previously Eskom would erect powerlines within the community without consulting or informing the Traditional Council and Ward Councillors.			
6.9	What must be done by the community should Eskom or consultants not return to the community before construction begins?	21 September 2016	Mr Daniel Mthembu Ndlangamandla TC Meeting	<p>It is unlikely that such a situation will prevail. There are a number of processes that need to be undertaken in close consultation with the Traditional Council.</p> <p>Ndlangamandla Traditional Council also has contact details of the EIA team which can be contacted as and when a need arises during the course of the study.</p>
6.10	Previously, construction in the Ndlangamandla area commenced without prior engagement with the Traditional Council. Can this matter be addressed?	21 September 2016	Mr Mthokozeni Zungu Ndlangamandla TC Meeting	<p>The proposed project is being undertaken within the ambit of the law. The National Environmental Management Act (Act 107 of 1998) (NEMA) and the associated Environmental Impact Assessment Regulations require consultation with all affected parties.</p> <p>Accordingly, Eskom, as the developer has to comply with the regulations and consult with I&APs and receive environmental authorisation prior to commencement of construction.</p> <p>However, the law cannot be applied retrospectively. There are developments which were undertaken prior to the enactment of NEMA.</p>

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6.11	Based on my observation and understanding from the presentation, the KwaSibiya community is not directly affected by the proposed Eskom Northern KZN Strengthening Project because the powerlines are more likely to stretch closer to the main road from Pongola towards Piet Retief.	22 September 2016	Mr Mvumeleni Malinga Sibiya TC Meeting	The proposed corridor is 2km wide and the actual alignment has not been determined. Only a servitude of 55m will be used within the 2km corridor. Although the community may not be directly affected, it is important that they are informed of the EIA process as the corridor affects the area within their jurisdiction.
6.12	Thank you to Eskom for considering the environment prior to constructing the powerlines, as well as the team for an informative presentation.	28 September 2016	Mr Muzikayise Mathe Emgazini TC Meeting	Mr Mathe's comments were noted, with thanks.
6.13	Thank you to the EIA team for the meeting and information shared regarding the proposed Eskom project. I acknowledge that it is an unusual practice for communities to be recognised as important stakeholders in development initiatives.	03 October 2016	Mr Z Khumalo Mavuso TC Meeting	It was explained that Public Participation is a cornerstone for developments. It is also a requirement of the EIA regulations to consult with all potentially affected communities. This process enables all I&APs to participate and raise comments regarding the proposed development.
6.14	I would like to emphasise the importance of maintaining relationships with communities and the continuity of representatives who engage with communities.	03 October 2016	A Stakeholder Mavuso TC Meeting	This comment was noted for Eskom's information.

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6.15	Will private land owners such as commercial farmers also be consulted regarding the proposed Eskom Northern KZN Strengthening project?	03 October 2016	Mr N Simelane Klwana TC Meeting	It was confirmed that all private land owners within the study area will be identified and consulted as they are affected by the proposed developments. The process of consultation with private landowners has commenced and is being undertaken simultaneously with the Traditional Council meetings as part of the EIA process.
6.16	Thank you to the EIA team for recognising and respecting the importance of consulting with the Traditional Council. Communities are often not informed about developments within their areas.	04 October 2016	Mr Nyandeni Msiyane TC Meeting	Mr Nyandeni's remarks regarding consultation of traditional councils was noted, with thanks.
6.17	Thank you to the EIA team for informing the community about the proposed Eskom project. Development is much appreciated in the KwaKhambi area.	06 October 2016	Mr Buthelezi Khambi TC Meeting	Mr Buthelezi's comments were noted, with thanks.
6.18	Thank you to the EIA team for an informative and easy to understand presentation.	07 October 2016	INKosi Zulu Emathongeni TC Meeting	INKosi Zulu's remarks were noted, with thanks.
6.19	I would like to request that the EIA team provides feedback to the Traditional council even if the chosen corridors for the powerlines are not affecting the Emathongeni area.	07 October 2016	Mr Kunene Emathongeni TC Meeting	It was confirmed that all registered I&APs (including Traditional Councils) will be kept updated of progress and of the outcome of the EIA.

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6.20	<p>Thank you to the EIA team for the information and for making it easy for the Traditional Council to understand.</p> <p>My observation is that based on the corridors shown on the map, the proposed powerlines may not directly affect the Hlahlindlela area.</p>	12 October 2016	Mr Mdlalose Hlahlindlela TC Meeting	Mr Mdlalose's comments were noted, with thanks.
6.21	I would like to request that the EIA team reports back to the Traditional Council about the outcome of the EIA, irrespective of whether the Othaka area is affected or not.	12 October 2016	Mr S Masondo Othaka TC Meeting	It was confirmed that all registered I&APs (including Traditional Councils) will be kept updated of progress and of the outcome of the EIA.
6.22	<p>Please note that the KwaDlamini clan are descendants of AmaSwazi, and as a result, the term "Ndabezitha" is not used to address iNkosi.</p> <p>The name of iNkosi is Lungelo. As a sign of respect, the name Lungelo is not used at the Dlamini Traditional Council and in the presence of iNkosi.</p>	13 October 2016	Mr Albert Dlamini Dlamini TC	The protocols for communication specified by Dlamini Traditional Council were noted, with thanks.
6.23	Thank you to the EIA team for the presentation and engaging the	18 October 2016	Mr Phethula Ndludlu Dlamini TC	Mr Ndlundlu's remarks were noted, with thanks.

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	Traditional Council. We are very excited about the proposed project.			
6.24	<p>Thank you to the EIA team for the presentation and opportunity to comment on the proposed project. It is quite clear from the map that the KwaDlamini area is definitely affected by all the proposed corridors.</p> <p>The KwaDlamini community is looking forward to working together with Eskom and to ultimately benefit from improved and stable power supply in the area.</p>	18 October 2016	INKosi Dlamini Dlamini TC Meeting	Inkosi Dlamini's positive comments and support for the project was well received by the team.
6.25	<p>Thank you to the EIA team for the presentation. We as the Traditional Council are now well informed about the project.</p> <p>If the project is approved, the Traditional Council will ensure that the community honours the signed agreements.</p>	18 October 2016	Mr Amos Sibeko Ndlela TC Meeting	Mr Sibeko's comments were noted, with thanks.
6.26	Thank you to the EIA team for a clear and informative presentation. The improved supply of power will inevitably benefit the area.	18 October 2016	Ms Tholakele Mtshali Ndlela TC Meeting	Ms Mtshali's comments were noted, with thanks.

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6.27	Thank you to the EIA team for recognising and respecting the Traditional Council. According to my knowledge, the high voltage powerlines which are proposed in the area do not possess any danger and will not change the community's way of life. Other matters will be negotiated if the Traditional Council is affected.	20 October 2016	Mr VS Maseko Mthethwa TC Meeting	The team appreciated Mr Maseko's reflection and understanding of the proposed project.
6.28	Thank you to the EIA team for transporting** Izinduna to the meeting, for recognising the Traditional Council, and for adhering to necessary protocols before commencing with work in the community. <i>**The Izinduna were assisted with transport due to transport challenges and accessibility in the area. This was done to facilitate a combined public meeting with all relevant representatives of Mthethwa Traditional Council.</i>	20 October 2016	Mr MS Zwane Mthethwa TC Meeting	Mr Zwane's words of appreciation were noted, with thanks. It was confirmed that the EIA team will ensure that protocol is observed at all times. The community and leaders will be kept updated of the progress of the EIA process.
6.29	Thank you to all Izinduna for responding positively to the invitation to attend the meeting for the proposed Eskom Northern KZN Strengthening Project.	20 October 2016	Mr PE Maduma Mthethwa TC Meeting	The active response and participation by the relevant Izinduna's was also acknowledged by the EIA team.

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6.30	<p>Most community members are familiar with the proposed powerlines as they have seen them all around the country. There is therefore no need to deliberate about them because the presentation is clear and speaks about the need to strengthen the power supply.</p> <p>It is also understood that proper channels for communication will be maintained throughout the EIA investigations and the community will be kept informed.</p>	26 October 2016	INKosi Zulu Usuthu TC Meeting	Inkosi Zulu's remarks were noted, with thanks.
6.31	Thank you to the EIA team for the information and for a detailed presentation regarding the proposed project.	26 October 2016	Mr M Xulu Usuthu TC Meeting	Mr Xulu's appreciation remarks were noted, with thanks.
6.32	<p>The KwaGumbi land is under the custody of Mvokweni Community Trust and does not fall under Ingonyama Trust like most traditional councils.</p> <p>All communication regarding the project and land related matters should include Mvokweni Community Trust members.</p>	27 October 2016	Mr Nkosinathi Gumbi Mvokweni Community Trust Gumbi TC Meeting	<p>The information shared by Mr Gumbi was noted, with thanks.</p> <p>The team confirmed that the Mvokweni Community Trust will be added on database and invited to all future landowners' and Key Stakeholders' Meetings.</p>

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	Mvokweni Community Trust members would like to be invited to all upcoming Landowner Focus Group Meetings and Key Stakeholders' Meetings.			
7.	Nature Reserves and Game farms			
7.1	<p>The overhead Transmission lines from Iphiva 2 through the Eastern boundary of the Rhino Reserve will have the following significant impacts:</p> <ul style="list-style-type: none"> • Visual impacts will reduce the number of visitors to lodges in the private game reserve. This will impact on the economic viability of the existing lodges and potential future developments and investors. This will reduce the job opportunities provided by the Rhino Park, as well as additional income to the region by tourists visiting the facilities, negatively impacting the livelihoods of local communities. Less income to the Park will also result in less funds available for looking after (e.g. supplementary feeding) and protecting important Red Data 	07 th September 2016	Ms Karen Holmes Public Meeting, Mkhuze	Visual impacts will be assessed in the visual impact assessment (specialist study) that will be undertaken in the Impact Assessment phase of the project. The knock-on effects will be assessed in the economic, social and ecology specialist studies.

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	<p>species such as rhinos and wild dogs.</p> <ul style="list-style-type: none"> • During construction, the Rhino Park will have to provide additional security to protect the construction workers from the wild animals during construction, which will have a cost. • Construction will require the clearing of vegetation impacting on the biodiversity of the area. • Construction workers in the park increases the risk of poaching. <p>Powerlines in the Iphiva-Duma Western corridor could, similarly be visible with similar impacts from the elevated Western boundary of the Rhino Reserve.</p>			
7.2	Are Zimanga Game Reserve, Impala Ridge, Zululand Rhino Reserve and Sibuyelekhaya Trust affected by Iphiva 2, 3 and 4?	25 th October 2016	Ms Karen Holmes Landowner FG Meeting, Mkhuze	The properties are affected by Iphiva 2, 3 and 4.
7.3	Game Reserves are governed by the National Environmental Management: Protected Areas Act (57 of 2003) which should be considered in the assessment in addition to the National Environmental	25 th October 2016	Ms Karen Holmes Landowner FG Meeting, Mkhuze	The EIA reports will discuss how the construction of access roads in protected areas is affected by this Act.

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	Management Act, specifically relating to the construction of access roads.			
7.4	A request for Eskom to come up with designs or other alternatives that do not impact properties because the game reserves will irretrievably be impacted if 4 powerlines traverse them.	25 th October 2016	Ms Karen Holmes Landowner FG Meeting, Mkhuze	The corridors for the distribution lines are in the process of being finalised and will be shared with I&APs as soon as they are available.
7.5	A request for clarity about the existing power line going from north to south through the Zululand Rhino Reserve, and whether there will be an additional structure next to it in the same servitude.	25 th October 2016	Ms Karen Holmes Landowner FG Meeting, Mkhuze	Only structural modification will take place at the point that the new lines link into the existing line.
7.6	We acknowledge the need for electricity in the Makhathini flats area; although it cannot be at the cost of the Game Reserve owners.	25 th October 2016	Ms Karen Holmes Landowner FG Meeting, Mkhuze	The impact on private game farm owners will be addressed in the EIA phase.
7.7	The carrying capacity of the Reserve also needs to be considered. Removing some of the vegetation below the lines will have an impact on the carrying capacity and this will financially have impact on the Reserve and its shareholders.	25 th October 2016	Ms Karen Holmes Landowner FG Meeting, Mkhuze	This will be done in EIA phase.
7.8	Thank you to the EIA team for an informative presentation. I have observed that Nature Reserves do not allow	13 September 2016	Mr Ntshangase Nibela TC Meeting	The Protected Areas Act also provides protection of conservation areas such as Nature Reserves as they represent ecological diversity in South Africa.

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	powerlines across their properties. Please comment on this observation.			
7.9	The area has a number of Game Reserves that are protected. How does Eskom foresee using the area as a corridor for transmission lines?	27 October 2016	Mr Nkosinathi Gumbi Mvokweni Community Trust Gumbi TC Meeting	A number of corridors have been identified. Only one or a combination of the proposed corridors will be used. The visual impact as well as impacts on the economic, biophysical, social, heritage and social environments will also be assessed. The Environmental Assessment Practitioner will recommend a corridor with positive benefits for environmental authorisation. The corridor which will be selected should have positive impacts and avoid negative impacts.
7.10	Why are powerlines prohibited from passing over game reserves but they are allowed to pass over homesteads?	28 October 2016	Mr T Zulu Mandlakazi TC Meeting	Powerlines are prohibited from directly passing over homesteads for safety and technical reasons. The Protected Areas Act also provides protection of conservation of areas such as Nature Reserves as they represent ecological diversity in South Africa.
8.	Visual Impacts			
8.1	The visual impact on the lodges in the Rhino Reserve and intrusiveness of future developments particularly at Iphiva 3.	07 th September 2016	Ms Karen Holmes Public Meeting, Mkhuze	The EIA process will cover the visual impact.
9.	Plants and Animals			

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9.1	Impact on protected animals and birds' species currently within the reserve, such as wild dogs, and rhinos and vultures.	07 th September 2016	Ms Karen Holmes Public Meeting, Mkhuze	The Ecology Specialist Study will assess the potential impacts of the proposed project on protected animal and bird species.
9.2	A general ecologist specialist will be required in order to cover broad ecological issues.	9 th September 2016	Ms Dinesree Thambu FG meeting with EKZNW	Guidance from the Ezemvelo KZN Wildlife (EKZNW) is appreciated and will be incorporated into the Plan of Study for EIA in the Scoping Report.
9.3	There is a minimum requirements document that should be considered, and it will be made available to the project team, compliance to the requirements unless the specialist can substantiate the use of a different method.	9 th September 2016	Ms Dinesree Thambu FG meeting with EKZNW	Guidance from the EKZNW is appreciated and will be incorporated into the Plan of Study for EIA in the Scoping Report.
9.4	A portion of the study area is within the Pondoland-Albany biodiversity hotspot and has Red data and Endemic listed species.	9 th September 2016	Ms Dinesree Thambu FG meeting with EKZNW	Guidance from the EKZNW is appreciated and will be incorporated into the Plan of Study for EIA in the Scoping Report.
9.5	A concern regarding physical destruction of birds' nests.	25 th October 2016	Mr Charl Senekal Landowner Focus Group Meeting, Mkhuze	The impacts on birds will be assessed in the Avi-fauna specialist study.
9.6	A butterfly species was discovered in the Zululand Rhino Reserve and may perhaps occur in the neighbouring properties. An advice was given to the team to contact the Lepidoptera South Africa for records.	25 th October 2016	Mr Ivor van Rooyen Landowner Focus Group Meeting, Mkhuze	The information has been passed to the Fauna and Flora Specialist.
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	A list of butterfly species will be forwarded to the team through email.			
9.7	Furthermore, the Black Rhino population which is critically endangered species will also be impacted. She asked Eskom to circulate their vegetation control policy.	25 th October 2016	Ms Karen Holmes Landowner Focus Group Meeting, Mkhuze	This will be done in EIA.
10.	Sugar Cane			
10.1	Impact of the proposed construction of the Normandie-Iphiva 400 kV Transmission lines from Normandie Substation on the sugarcane field.	07 th September 2016	Ms Karen Holmes and Mr Charl Senekal Public Meeting, Mkhuze	Impacts on sugar cane will be assessed in the economic and agricultural and social specialist studies.
11.	EIA process			
11.1	How does ESKOM intend to compensate the I&APs for travel costs to meetings, time taken from work to attend meetings, time taken to assess the EIA during its various stages etc?	30 th August 2016	Ms Janet Cuthbertson (By e-mail)	<ul style="list-style-type: none"> • Stakeholder meetings in 4 towns (Piet Retief, Pongola, Mkhuze and Hluhluwe) have been set up to make it easier for all stakeholders to attend meetings. These meetings have been scheduled in different venues to provide opportunities for all stakeholders to participate in the areas of their choice. • Additional 29 meetings with all potentially affected Traditional Councils (AmaKhosi in the uMkhanyakude and Zululand Districts) have also been set up. These meetings will be held at the Traditional Council (TC) Offices. TC offices are

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				<p>easily accessible to communities and are acceptable and preferred venues for holding meetings with the TC and community members. This method has been checked and confirmed by AmaKhosi of the relevant TCs.</p> <ul style="list-style-type: none"> • Additional meetings will be held with Farmers Associations and other interest groups, upon request. • Throughout this process, the Public Participation Process (PPP) team will make an effort towards ensuring that consultation with Interested and Affected Parties is not burdensome. As such, where there is a need to meet with various interest groups, the team will ensure that they meet at places which are more convenient and centrally located (geographically) to reduce travelling distances. • All available communication channels to disseminate information will be used to ensure that the consultation approach is comprehensive. • The Environmental Authorisation process is undertaken in terms of the National Environmental Management Act and the associated regulations. These pieces of legislation do not make provision for paid attendance. As such, attendance by Interested and Affected Parties at the meetings is voluntary.

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				<ul style="list-style-type: none"> Furthermore, the regulations require the use of reasonable alternative methods for persons affected to participate in the process. It is for this reason that additional 29 meetings have been arranged with communities which are potentially affected to participate, i.e. taking meetings to areas where communities reside.
11.2	Will there be compensation for the affected land owners and farmers?	06 th September 2016	Mr Nkosinathi Nhleko Public Meeting, Pongola	<p>Eskom engages in a process of negotiation and compensation. Following the completion of the EIA process, an Eskom Negotiator and an independent Eskom-appointed property valuator will negotiate for the substation site which Eskom will buy from the current landowner at the market value and also negotiate servitude on the property that remains in the ownership of the landowner.</p> <p>The servitude will give Eskom the right to build the powerline and have access to it for any maintenance. The landowner will have some restrictions on what he or she is allowed to do in that servitude and will be compensated for any loss resulting from these restrictions.</p>
11.3	What will inform the final decision of the EA outcome?	07 th September 2016	Ms Karen Holmes Public Meeting, Mkhuze	The Department of Environmental Affairs (DEA) reaches a final decision based on the information made available to them subject to the compliance of the National Environmental Management Act (Act 107 of

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				1998) (NEMA) 2014 Regulations and other relevant legal requirements, policies and guidelines. Such information includes the following: <ul style="list-style-type: none"> • The need and motivation of the project; • The outcome of the Specialist Studies undertaken; • The comments received from the I&APs; and • The anticipated impacts and proposed mitigation measures as per the Final EIA Report.
11.4	An appeal was lodged against the EA of the construction of the Pongola-Candover 132 kV powerlines and the appeal was upheld by DEA. It is a major problem if the Normandie-Iphiva corridor is the same as the corridor that has successfully been appealed.	07 th September 2016	Mr Charl Senekal Public Meeting, Mkhuze	The successful appeal of the Pongola-Candover powerline and reasons given for upholding the appeal will be considered by the EAP.
11.5	Who was responsible for choosing the currently proposed corridors as alternatives?	07 th September 2016	Mr Charl Senekal Public Meeting, Mkhuze	Both the environmental and technical teams of the project contributed to the corridors currently under consideration. Ms Calmeyer said that I&APs are also encourages to propose any additional corridors that the teams may not have identified to date, and they will also be considered in the EIA.
11.6	How the project team will guarantee that the EA outcome of the different project phases will complement each other?	9 th September 2016	Ms Dinesree Thambu FGM with EKZNW	Three separate EA application forms will be submitted to the Department of Environmental Affairs (DEA), namely: <ul style="list-style-type: none"> (i) for the 400/132 kV Iphiva Substation,

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				<p>(ii) for the Normandie-Iphiva Transmission powerline,</p> <p>(iii) for the Iphiva-Duma 400 kV Transmission powerline, and</p> <p>(iv) for the distribution lines.</p> <p>Although one integrated EIA process is being undertaken, each application will have its own set of reports. The impacts of the projects on each other will therefore be considered.</p>
11.7	Request for a copy of the EIA presentation.	25 th October 2016	Mr Charl Senekal Landowner Focus Group Meeting, Mkhuze	A copy of the presentation from the previous meeting was attached to previous minutes and the presentation from today will be sent out again with the minutes.
11.8	The potential loss for landowners should be clearly explained in the scoping report.	25 th October 2016	Ms Karen Holmes Landowner FG Meeting, Mkhuze	<p>All the aspects will be detailed, for example: visual impacts, economic impacts, tourism, wildlife areas, land value, jobs and the community.</p> <p>The issue has been captured in detail in the scoping report. The information will also be passed on to the specialists Mr Greffrath (Fauna and Flora), Mr Goosen (Visual Impact Assessment) and Ms Aucamp (Social Impact Assessment) to make sure their terms of reference covers all those aspects.</p>

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11.9	Relocation of structures and associated aspects should be included in the list of key issues.	25 th October 2016	Ms Karen Holmes Landowner FG Meeting, Mkhuze	The EIA process will cover the issue.
11.10	Is the 165 km of 132 kV lines is part of the current application?	25 th October 2016	Ms Karen Holmes Landowner FG Meeting, Mkhuze	The Environmental Authorisation of the 165 km of 132 kV lines corridor will be applied for.
11.11	The Myeni/Nsinde Traditional Council would like to confirm that EIA investigations can be undertaken in the Myeni/Nsinde area.	20 September 2016	A Stakeholder Myeni/Nsinde TC Meeting	The permission to proceed with the EIA process was appreciated.
11.12	What steps will be followed should the community be affected by the chosen corridor?	21 September 2016	Mr Daniel Mthembu Ndlangamandla TC Meeting	<p>The community was advised that the EIA process is still in its early stages. All registered I&APs will be kept updated of the progress of the EIA at key milestones.</p> <p>If Ndlangamandla Traditional Council is affected by the final recommended corridor, the following process will be undertaken:</p> <ul style="list-style-type: none"> • If the piece of land falls within the Traditional Council, negotiations will be done with the relevant Traditional Council in close consultation with the Ingonyama Trust. • The servitude negotiation process is a private matter between Eskom and the affected landowner. This process will only commence once Environmental Authorisation has been issued.

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				<ul style="list-style-type: none"> Once the route is confirmed, the servitude agreement will be finalised with the individual landowners. Different landowners may have different requirements. Compensation payments are made when the servitude is registered at the Deeds office.
11.13	What criteria will be used to select the final corridor between Normandie substation and the proposed Iphiva substation at Mkhuze?	22 September 2016	Mr ML Sibiya Sibiya TC Meeting	<p>The corridor which will be selected should have positive impacts and avoid or reduce negative impacts.</p> <p>Impacts on the economic, biophysical, social, heritage and social environments will be assessed. The Environmental Assessment Practitioner will recommend a corridor with positive benefits for environmental authorisation.</p>
11.14	<p>The KwaSimelane Traditional Council and community has a good relationship with Eskom. We therefore welcome the proposed Eskom Northern KZN Strengthening project.</p> <p>The presentation has provided useful insight to the EIA process and the associated public participation process.</p>	28 September 2016	INduna Mr Petros Ndlangamandla Simelane TC Meeting	Induna Ndlangamandla's comments were noted, with thanks.
11.15	The KwaSimelane Traditional Council supports development as it has the potential to uplift communities.	28 September 2016	INduna Mr Petros Ndlangamandla Simelane TC Meeting	Induna Ndlangamandla's comments were noted, with thanks.

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	I would however caution that there are people within the community who have built houses beneath powerlines without consulting with the Traditional Council. We have urged Izinduna to be vigilant when allocating plots of land for building new houses in the area.			
11.16	The proposed corridors are likely to affect Wards: 3, 5, 6 and 12 in the Mavuso area.	03 October 2016	Cllr Mavuso Mavuso TC Meeting	Cllr Mavuso was thanked for his comments.
11.17	On behalf of the Mavuso Traditional Council, we appreciate the proposed project which will improve electricity supply in northern KZN areas.	03 October 2016	A Stakeholder Mavuso TC Meeting	This remark was noted, with thanks.
11.18	What would happen if the selected corridor for the proposed powerlines has dwellings?	04 October 2016	Ms Nelly Mchunu Msiyane TC	It was explained that a socio-economic study which assess the impacts of the proposed project will be undertaken. The study will ascertain the extent of potential impacts of the proposed powerline and mitigation thereof. The relocation of households will be dealt with as part this study. In the eventuality that dwellings cannot be avoided, negotiations will be done with the relevant household and in close consultation with the relevant Traditional Council.

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				In cases whereby houses need to be relocated costs associated with relocation becomes Eskom's responsibility.
11.19	To expect environmental authorisation in 2018 appears too far. Is it possible to expedite the EIA process?	04 October 2016	Mr Mncube Msiyane TC Meeting	Since the EIA process is a legal requirement for a development of this nature, due process has to be followed. As such, all the necessary steps which are required for environmental authorisation have to be complied with.
11.20	I would like to express my appreciation for an informative presentation. It is encouraging to see that Eskom is working towards addressing the issue of electricity supply in northern KZN areas. These areas are predominantly inhabited by black South Africans who were previously disadvantaged.	05 October 2016	INkosi Zondo Empangisweni TC Meeting	INkosi Zondo's remarks were noted, with thanks.
11.21	Can you fast-track the EIA process so that construction can commence?	06 October 2016	Mr B Mkhwanazi Khambi TC Meeting	Since the EIA process is a legal requirement for a development of this nature, due process has to be followed. As such, all the necessary steps which are required for environmental authorisation have to be complied with. Based on current planning, construction is expected to commence in 2019.

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11.22	<p>How long will the EIA process take to complete?</p> <p>Does the timeline of the proposed Eskom Northern KZN project correspond with the electrification planning of the area?</p>	07 October 2016	Mr RJ Khumalo Emathongeni TC Meeting	<p>It is anticipated that the final Environmental Impact Report (EIR) will be submitted to the Department of Environmental Affairs (DEA) in April 2018 for consideration and decision-making.</p> <p>The proposed project will improve the reliability of supply to the northern KZN areas and ensure that future electricity requirements are met.</p> <p>Therefore, the proposed project will not affect the electrification programme of the Emathongeni area.</p>
11.23	Thank you to the EIA team for engaging with the Traditional Council. We wish you well as you progress with the project.	12 October 2016	Ndunankulu Mr Mdlalose Hlahlindlela TC Meeting	Mr Mdlalose's remarks were noted, with thanks.
11.24	The land that belongs to KwaDlamini Traditional Council is vast and stretches from Pongola all the way to Paulpietersburg. Based on the map depicting the potential corridors, the KwaDlamini Traditional Council will be affected irrespective of which corridor is chosen for the transmission lines from Normandie substation to Mkhuze.	13 October 2016	Mr Albert Dlamini Dlamini TC	The detailed description of the potentially affected area within Dlamini Traditional Council was noted, with thanks.

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	The Simdlangentsha area incorporates areas past the Pongola river up to the Swaziland boarder.			
11.25	<p>Electricity in the area is unstable and we hope that the Eskom project will be a success.</p> <p>I am also very glad that the project was introduced after the local government elections. Otherwise, we would have thought that this is another tactic to influence people to vote for a particular political party.</p> <p>The Mthethwa Traditional Council will follow-up on the progress of the proposed project. We already have 400 kV powerlines in the area, and we are aware of the safety measures that are often put in place for the community during the construction phase.</p>	20 October 2016	Mr JH Ndlangamandla Mthethwa TC Meeting	Mr Ndlangamandla's comments were noted, with thanks.
11.26	What will happen to households that are within the proposed corridor?	20 October 2016	Mr PE Maduma Mthethwa TC Meeting	<p>Eskom will not use the entire 2km corridor. They will only negotiate for a servitude of 55m within the 2km corridor.</p> <p>Eskom will try and avoid houses as much as possible. However, in instances where houses are unavoidable,</p>

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				<p>negotiations for relocation will be done with the relevant household and in close consultation with the relevant Traditional Council.</p> <p>For the relocation of houses, Eskom appoints a contractor to build houses for the affected families in area that has been agreed upon. All costs associated with relocation become Eskom's responsibility.</p>
11.27	Which type of powerlines will potentially affect the Mpukunyoni area? How much voltage will the powerlines have?	21 October 2016	Mr M Mkhwanazi Mpukunyoni TC Meeting	The powerlines will potentially be a combination of self-supporting and strain towers. The voltage will be 400 kV and 132 kV. The final tower type configuration will be confirmed once the final alignments have been surveyed.
11.28	<p>Land surveyors were recently in the Mpukunyoni area and they stated that the Mpukunyoni area does not have space for transmission lines.</p> <p>Is it possible that the surveyors were referring to the proposed Eskom Northern KZN Strengthening project?</p>	21 October 2016	Mr M Mkhwanazi Mpukunyoni TC Meeting	It is possible that Eskom was investigating alignment options for another project. Eskom is continuously investigating ways of alleviating constraints on the network in various parts of KwaZulu-Natal.
12.	Jobs			
12.1	What are the benefits for the community?	06 th September 2016	Mr Nkosinathi Nhleko Public Meeting, Pongola	Although most of the work requires technical expertise, a main contractor will be appointed to construct the powerlines through the appointment of sub-contractors

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				and as such, local subcontractors and skilled individuals will be given an opportunity to tender for general work.
12.2	<p>When will the hiring process begin because the project will provide opportunities for employment?</p> <p>I would like to encourage the community to seize the employment opportunities that could arise during the construction phase.</p>	12 September 2016	Induna Mr Mathenjwa Makhasa TC Meeting	<p>The community was informed that the construction of powerlines is of a technical nature and requires specialised skills. The main contractor will be appointed to construct the powerlines and local sub-contractors will be given opportunities to tender for general or unskilled work.</p> <p>Where possible, Eskom supports and encourages the use of local labour.</p>
12.3	<p>Thank you to the EIA team for the project information and for enabling the community to be well informed before construction commences.</p> <p>Such information is useful as the community can prepare themselves for potential employment opportunities.</p>	13 September 2016	Ms Ngcobo Nibela TC Meeting	<p>Ms Ngcobo's remarks were noted, with thanks.</p> <p>The community was informed that the construction of powerlines is of a technical nature and requires specialised skills. The main contractor will be appointed to construct the powerlines and local sub-contractors will be given opportunities to tender for general or unskilled work.</p> <p>Where possible, Eskom supports and encourages the use of local labour.</p>
12.4	There are no employment opportunities for the KwaNibela area. Will any employment opportunities be realised through this proposed project?	13 September 2016	Mr Cele Nibela TC Meeting	The community was informed that the construction of powerlines is of a technical nature and requires specialised skills. The main contractor will be appointed to construct the powerlines and local sub-contractors

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				<p>will be given opportunities to tender for general or unskilled work. Where possible, Eskom supports and encourages the use of local labour.</p> <p>The KwaNibela community falls within the Big 5 False Bay Municipality. Should there be employment opportunities, the relevant local structures, e.g. municipality and traditional council will be informed.</p>
12.5	Will the Mpembeni community be informed of employment opportunities that could arise from the proposed project?	15 September 2016	Mr Ndwandwe Mpembeni TC Meeting	<p>The community was informed that the construction of powerlines is of a technical nature and requires specialised skills. The main contractor will be appointed to construct the powerlines and local sub-contractors will be given opportunities to tender for general or unskilled work. Where possible, Eskom supports and encourages the use of local labour.</p> <p>Should there be employment opportunities, the relevant local structures, e.g. municipality and traditional council will be informed.</p>
12.6	The KwaSibiya Traditional Council and community would like to derive some benefits from the project. Will there be opportunities for employment or job creation?	22 September 2016	Mr ML Sibiya Sibiya TC Meeting	<p>The community was informed that the construction of powerlines is of a technical nature and requires specialised skills. The main contractor will be appointed to construct the powerlines and local sub-contractors will be given opportunities to tender for general and unskilled work. Where possible, Eskom supports and encourages the use of local labour.</p>

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				Should there be employment opportunities, the relevant local structures, e.g. municipality and traditional council will be informed.
12.7	Thank you for a well-delivered presentation. Will local community members be considered for employment for non-technical jobs during the project?	29 September 2016	INduna Mr DB Ntuli Ntshangase TC Meeting	Eskom will appoint a contractor for the construction phase of the project, but the affected communities will be prioritised for the jobs that do not require technical skills. Eskom Officials will return to the Traditional Council if they are affected by the chosen corridor to introduce the contractor that has been appointed, and to discuss the way forward. However, since the project adheres to the structure of a linear development, there may be hiring dynamics to be noted.
12.8	I would like to request that the EIA team ensures that the community benefits from the proposed Eskom project, and are not hijacked by other stakeholders such as municipality officials.	29 September 2016	A Stakeholder Ntshangase TC Meeting	The public participation process is a transparent process. All stakeholders from all relevant spheres of government have been notified of the project and their roles in the process are defined and are in line with the applicable pieces of legislation.
12.9	The prospect of job opportunities for community members when the project is implemented would be appreciated.	03 October 2016	Mr Z Khumalo Mavuso TC Meeting	The community was informed that the construction of powerlines is of a technical nature and requires specialised skills. The main contractor will be appointed to construct the powerlines and local sub-contractors will be given opportunities to tender for general and/unskilled work. Where possible, Eskom supports and encourages the use of local labour.

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				Should there be employment opportunities, the relevant local structures, e.g. municipality and traditional council will be informed.
12.10	It is my wish that the final corridor passes through the KwaMsiyane community so that we can benefit from potential employment opportunities.	04 October 2016	Mr Nyandeni Msiyane TC Meeting	<p>The community was informed that the construction of powerlines is of a technical nature and requires specialised skills. The main contractor will be appointed to construct the powerlines and local sub-contractors will be given opportunities to tender for general and/unskilled work. Where possible, Eskom supports and encourages the use of local labour.</p> <p>Should there be employment opportunities, the relevant local structures, e.g. municipality and traditional council will be informed.</p>
12.11	<p>I would like to request that the Othaka Traditional Council be informed should there be any employment opportunities through the Eskom Northern KZN Strengthening project.</p> <p>It is important to note that there are some members of the community who have experience in electrical building services.</p>	12 October 2016	Mr S Masondo Othaka TC Meeting	<p>The community was informed that the construction of powerlines is of a technical nature and requires specialised skills. The main contractor will be appointed to construct the powerlines and local sub-contractors will be given opportunities to tender for general and/unskilled work.</p> <p>The availability of skilled labour within the Othaka community was also noted. Where possible, Eskom supports and encourages the use of local labour.</p>

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12.12	<p>I would like to request that the EIA team advises the community on how we can increase the chances of influencing the corridor selection.</p> <p>We are keen in having the power line corridor passing through our area as we wish to take advantage of potential employment opportunities during construction.</p>	19 October 2016	Mr Siphso Dlongolo Bhovungane TC Meeting	<p>The corridor which will be selected should have positive impacts and avoid or reduce negative impacts on the environment.</p> <p>Impacts on the economic, biophysical, social, heritage and social environments will be assessed. The Environmental Assessment Practitioner will recommend a corridor with positive benefits for environmental authorisation.</p>
12.13	Are potential job opportunities only referring to people with qualifications in electrical engineering or will there be opportunities for unskilled labour?	20 October 2016	Mr Sifiso Buthelezi Mthethwa TC Meeting	<p>The community was informed that the construction of powerlines is of a technical nature and requires specialised skills. The main contractor will be appointed to construct the powerlines and local sub-contractors will be given opportunities to tender for general or unskilled work.</p> <p>Where possible, Eskom supports and encourages the use of local labour.</p>
13.	Preferential work for local companies			
13.1	Business opportunities for small business owners and local skilled individuals.	06 th September 2016	Mr Nkosinathi Nhleko Public Meeting, Pongola	Anyone can visit the Eskom website to find out about the Eskom's Development Foundation Programme which is tasked with implementing Eskom's Corporate Social Investment aligned with Eskom's Business Imperatives with the primary focus on development in

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				communities around new build sites, through rural education in infrastructure and skills development.
14.	Health Impacts			
14.1	Do electric and magnetic fields from the powerlines have an impact on human or animal health?	25 th October 2016	Mr Ivor van Rooyen Focus Group Meeting, Mkhuze	<p>Eskom designs are according to the International Standards. There are two acceptable limits that are adhered to; within the servitude and outside of the servitude. A lot of literature on the matter is available to share with the public. Because these standards are adhered to, EMFs do not have an impact on the human health, even if you live underneath the power line. Structures are, however, not permitted underneath the powerlines because there is a risk of towers or powerlines falling onto them.</p> <p>The voltage of a power line determines the width of the servitude. The higher the voltage, the wider the servitude.</p>
14.2	Will the powerlines have any effect on human health?	13 September 2016	Mr Ntshangase Nibela TC Meeting	<p>Eskom, as a leading energy provider in South Africa stays up-to-date with international knowledge and research which guides them on the impacts of exposure to electromagnetic fields from overhead powerlines.</p> <p>There is no conclusive evidence on health effects. However, Eskom has adopted a precautionary principle which ensures that they safeguard the environment and human health. Eskom does not allow people to live</p>

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				underneath powerlines and within the servitude of the overhead powerlines.
14.3	Will it still be safe for livestock to graze beneath the powerlines?	20 October 2016	Mr Isaac Ngcobo Mthethwa TC Meeting	<p>Based on available information, there is no evidence which suggest that livestock could be affected when grazing beneath the powerlines. Structures are, however, not permitted underneath the powerlines because there is a risk of towers or powerlines falling onto them.</p> <p>Eskom designs are according to the International Standards. There are two acceptable limits that are adhered to; within the servitude and outside of the servitude.</p> <p>A lot of literature on the matter is available to share with the public. Because these standards are adhered to, Electro Magnetic Fields (EMFs) do not have an impact on the human health, even if you live underneath the power line.</p>
14.4	Will the proposed transmission powerlines pose any danger to the community?	28 September 2016	INduna Mr Petros Ndlangamandla Simelane TC Meeting	<p>Eskom, as a leading energy provider in South Africa stays up-to-date with international knowledge and research which guides them on the impacts of exposure to electromagnetic fields from overhead powerlines.</p> <p>There is no conclusive evidence on health effects. However, Eskom has adopted a precautionary principle</p>

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				which ensures that they safeguard the environment and human health. Eskom does not allow people to live underneath the powerlines and within the servitude of the overhead powerlines.
14.5	Will it still be safe to farm beneath the powerlines?	26 October 2016	Mam Ndabezitha Usuthu TC Meeting	<p>Eskom, as a leading energy provider in South Africa stays up-to-date with international knowledge and research which guides them on the impacts of exposure to electromagnetic fields from overhead powerlines.</p> <p>There is no conclusive evidence on health effects. However, Eskom has adopted a precautionary principle which ensures that they safeguard the environment and human health. Eskom does not allow people to live underneath the powerlines and within the servitude of the overhead powerlines.</p> <p>Yes, most farming and agricultural practices except for sugar cane and commercial forestry, can still be practiced under transmission powerlines, provided there is adherence to safe working clearances and crop height restrictions.</p>
15	Land Claims			
15.1	I acknowledge that the project is still in its initial phase. I would like to suggest that Eskom undertakes a detailed land owner identification process in the KwaGumbi	27 October 2016	Mr Nkosinathi Gumbi Mvokweni Community Trust Gumbi TC Meeting	The Land Claims issue was noted by the team for passing onto the Social Impact Assessment specialist.

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	area. Most private game reserves in the area are subject to a land claim by the Gumbi Traditional Council.			
16	Climate change			
16.1	Will the building of the substation have any effect on climate change?	13 September 2016	Mr Ntshangase Nibela TC Meeting	The proposed substation does not have emissions. It will only be used to transmit electricity. The proposed substation is different from the power stations which generate electricity. Therefore, it will not have any effect on climate change.
16.2	Has Eskom taken into consideration the environmental impacts that the project may have including climate change?	06 October 2016	Mr Mthethwa Khambi TC Meeting	The EIA will assess the impacts of the project on the natural environment. This is a mandatory requirement in terms of National Environmental Management Act (Act 107 of 1998) (NEMA) and the associated EIA Regulations. The proposed substation does not have emissions. It will only be used to transmit electricity. The proposed substation is different from the power stations which generate electricity. Therefore, it will not have any effect on climate change.
17	Cultural/Heritage			
17.1	What procedures will be followed by Eskom should the final corridor pass through a graveyard.	21 September 2016	Mr Petros Mwelase Ndlangamandla TC Meeting	When selecting the final alignment within the corridor, graves and graveyards are avoided as much as possible.

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				<p>Eskom acknowledges that graveyards have high social importance and are treated with the sensitivity they deserve.</p> <p>Overhead powerlines can cross over graves and graveyards to avoid reburial and potential damage. However, should the proposed project have a direct impact on the graves a reburial process will be facilitated with the assistance of a heritage specialist, Ingonyama Trust, affected family members and the relevant traditional council.</p> <p>Eskom ensures that the reburial process is subjected to the relevant customs and traditions of the affected family. Eskom pays all the costs associated with the reburial as agreed with the affected family.</p>
17.2	What measures are followed by Eskom if the recommended corridor has graves?	22 September 2016	Mr M Ntshangase Sibiya TC Meeting	<p>Overhead powerlines can cross over graves and graveyards to avoid reburial and potential damage.</p> <p>However, should the proposed project have a direct impact on the graves a reburial process will be facilitated with the assistance of a heritage specialist, Ingonyama Trust, affected family members and the relevant traditional council.</p> <p>Eskom ensures that the reburial process is subjected to the relevant customs and traditions of the affected</p>
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				family. Eskom pays all the costs associated with the reburial as agreed with the affected family.
17.3	What happens in cases where dwellings need to be relocated and graves are also in in the backyard?	12 October 2016	Othaka TC Meeting	<p>When selecting the final alignment within the corridor, graves and graveyards are avoided as much as possible.</p> <p>Eskom acknowledges that graveyards have high social importance and are treated with the sensitivity they deserve.</p> <p>Overhead powerlines can cross over graves and graveyards to avoid reburial and potential damage. However, should the proposed project have a direct impact on the graves a reburial process will be facilitated with the assistance of a heritage specialist, Ingonyama Trust, affected family members and the relevant traditional council.</p> <p>Eskom ensures that the reburial process is subjected to the relevant customs and traditions of the affected family. Eskom pays all the costs associated with the reburial as agreed with the affected family.</p>
17.4	I would like to request that the Dlamini Traditional Council be engaged prior to commencing with construction. There are two important graves, i.e. the grave of	13 October 2016	Mr Albert Dlamini Dlamini TC	The presence of graves within Dlamini Traditional Council was noted and it was confirmed that this information will be forwarded to the Heritage Specialist.

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	former iNkosi Magubulunda Dlamini in the Badaza area and the grave of iNkosi Ndida Dlamini in the Engweni area.			
17.5	If the family does not wish to leave their graves in the affected site, who will be responsible for the associated reburial costs?	26 October 2016	Mr MS Mahlambi Usuthu TC Meeting	<p>When selecting the final alignment within the corridor, graves and graveyards are avoided as much as possible. Overhead powerlines can also cross over graves and graveyards to avoid reburial and potential damage.</p> <p>However, should the proposed project have a direct impact on the graves a reburial process will be facilitated with the assistance of a heritage specialist, Ingonyama Trust, affected family members and the relevant traditional council.</p> <p>Eskom ensures that the reburial process is subjected to the relevant customs and traditions of the affected family. Eskom pays all the costs associated with the reburial as agreed with the affected family.</p> <p>In such cases, it would be the preferred option to work around the communal graveyard, hence the leeway provided by the 2km servitude right, whereas only 55m is needed.</p>
17.6	What happens if the proposed corridor passes through a communal graveyard?	26 October 2016	Mr M Hlatshwayo Usuthu TC Meeting	When selecting the final alignment within the corridor, graves and graveyards are avoided as much as

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				<p>possible. Overhead powerlines can also cross over graves and graveyards to avoid reburial and potential damage.</p> <p>However, should the proposed project have a direct impact on the graves a reburial process will be facilitated with the assistance of a heritage specialist, Ingonyama Trust, affected family members and the relevant traditional council.</p> <p>Eskom ensures that the reburial process is subjected to the relevant customs and traditions of the affected family. Eskom pays all the costs associated with the reburial as agreed with the affected family.</p>
17.7	I am concerned about issues that could arise for families who have graves within their homesteads. I am of the opinion that community members should be using graveyards as it provides for better planning for developments.	26 October 2016	INkosi Zulu Usuthu TC Meeting	<p>Overhead powerlines can cross over graves and graveyards to avoid reburial and potential damage.</p> <p>However, should the proposed project have a direct impact on the graves a reburial process will be facilitated with the assistance of a heritage specialist, Ingonyama Trust, affected family members and the relevant traditional council.</p> <p>Eskom ensures that the reburial process is subjected to the relevant customs and traditions of the affected family. Eskom pays all the costs associated with the reburial as agreed with the affected family.</p>
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17.8	Is it possible for houses to be relocated and graves to remain undisturbed within the proposed corridors?	27 October 2016	Mr Gumbi Gumbi TC Meeting	It was clarified that Eskom will not use the entire 2km corridor. As such, given the distribution of households in the rural settlements, it is possible to find a servitude of 55m which avoids houses and graves. Overhead powerlines can cross over graves and graveyards and avoid potential damage.
17.9	The exhumation of graves is not in line with our tradition.	27 October 2016	Mr Gumbi Gumbi TC Meeting	Overhead powerlines can cross over graves and graveyards to avoid reburial and potential damage. However, should the proposed project have a direct impact on the graves a reburial process will be facilitated with the assistance of a heritage specialist, Ingonyama Trust, affected family members and the relevant traditional council. Eskom ensures that the reburial process is subjected to the relevant customs and traditions of the affected family. Eskom pays all the costs associated with the reburial as agreed with the affected family.
18	Relocation and Compensation			
18.1	How will traditional councils and land owners be compensated should the powerlines pass through their land?	13 September 2016	Ms Fundisiwe Ngubani Nibela TC Meeting	Following the completion of the EIA process, Eskom will engage in a process of negotiation and compensation. An Eskom Negotiator and an independent Eskom-appointed property valuator will negotiate the servitude

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				<p>which will give Eskom the right to build the powerline and have access to it for any maintenance.</p> <p>The landowner will have some restrictions on what he or she is allowed to do in that servitude. The landowner will be compensated financially for any loss resulting from these restrictions. Compensation payments are made when the servitude is registered at the Deeds office.</p>
18.2	How will people who have been relocated be compensated?	14 September 2016	INkosi Mdletshe Mdletshe TC Meeting	<p>The servitude negotiation process is a private matter between Eskom and the affected landowner. This process will only commence once Environmental Authorisation has been issued. Eskom will compensate for any loss resulting from these restrictions.</p> <p>Once the route is confirmed (i.e. options are signed with the landowners), the servitude agreement will be finalised with the individual landowners. Different landowners may have different requirements. Compensation payments are made when the servitude is registered at the Deeds office.</p> <p>In cases whereby houses need to be relocated costs associated with relocation becomes Eskom's responsibility.</p>

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18.3	<p>Thank you to the EIA team for the meeting and information shared. I have the following questions:</p> <ul style="list-style-type: none"> • How does Eskom intend on addressing the issue of relocation of households should the need arise? • Does Eskom take care of the costs for relocation per household? 	28 September 2016	Mr Johan Simelane Simelane TC Meeting	<p>Negotiations will be done with the relevant household and in close consultation with the relevant Traditional Council.</p> <p>In cases whereby houses need to be relocated costs associated with relocation becomes Eskom's responsibility.</p>
18.4	<p>It is pleasing to note that Eskom ensures that affected people are well taken care of and houses will be built for them if they need to be relocated.</p>	20 October 2016	Mr JH Ndlangamandla Mthethwa TC Meeting	<p>Negotiations will be done with the relevant household and in close consultation with the relevant Traditional Council.</p> <p>In cases whereby houses need to be relocated costs associated with relocation becomes Eskom's responsibility.</p>
18.5	<p>Thank you to the EIA team for the information and understandable presentation.</p> <p>The proposed 2km corridor will not be an issue. It should also be easy to manoeuvre and get a 55m servitude.</p> <p>How will each traditional council benefit if affected by the proposed corridor?</p>	20 October 2016	Mr DE Nxumalo (Holomisa) Mthethwa TC Meeting	<p>Mr Nxumalo's comments were noted, with thanks.</p> <p>Servitude negotiations will be done with each affected Traditional Council. Landowners will be compensated for the loss resulting from restrictions once Eskom has acquired the 55km servitude.</p> <p>The servitude will give Eskom the right to build the powerline and have access to it for maintenance purposes.</p>

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18.6	<p>Thank you to the EIA team for the presentation.</p> <p>It is clear that people who might be affected within the corridor will be relocated and compensated accordingly.</p> <p>As such, given the phase of the project, I am unable to identify issues with the proposed Eskom project.</p>	21 October 2016	Mr A Mkhwanazi Mpukunyoni TC Meeting	Mr Mkhwanazi's comments were noted, with thanks. It was confirmed that all potentially affected traditional councils will be kept informed throughout the EIA process.
18.7	If the project is approved and the preferred corridor passes through the land belonging to Mpukunyoni Traditional Council, how will the Traditional Council benefit?	21 October 2016	Mr J Mkhwanazi Mpukunyoni TC Meeting	<p>There are not so many direct benefits through the construction of a power line. However, there could be benefits associated with employment creation and provision of services and/or goods required by contractors.</p> <p>The community was informed that the construction of powerlines is of a technical nature and requires specialised skills. The main contractor will be appointed to construct the powerlines and local sub-contractors will be given opportunities to tender for general or unskilled work. Where possible, Eskom supports and encourages the use of local labour.</p> <p>The community was encouraged to be proactive and utilise their skills and knowledge to benefit from local developments. They can work as a collective in order to</p>
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				position themselves for potential opportunities. Community members can register their small businesses, e.g. catering, accommodation, etc.
18.8	If Eskom compensates for the servitude right, will money be paid to the traditional council or to the Ingonyama Trust?	21 October 2016	Mrs B Ncube Mpukunyoni TC Meeting	If the piece of land falls within the Traditional Council, negotiations will be done with the relevant Traditional Council in close consultation with the Ingonyama Trust. The servitude negotiation process is a private matter between Eskom and the affected landowner. Compensation payments are made when the servitude is registered at the Deeds office.
18.9	If a designated plot of land has six rondavels, will Eskom rebuild all those six (6) rondavels?	26 October 2016	Mr DA Zulu Usuthu TC Meeting	The servitude negotiation process is a private matter between Eskom and the affected landowner. Different landowners may have different requirements. Property valuer will assess the value of the built structures e.g. six rondavels and then a contractor will build similar structures at a new location. It can also be at the discretion of the owner whether 6 identical rondavels or a house equivalent to the value of six rondavels is built.
18.10	In the eventuality that people are relocated, will they be compensated for their crops which have been cultivated.	26 October 2016	Mr Mhlongo Usuthu TC Meeting	All landowners will be compensated for any loss resulting from the relocation and restrictions within the servitude.
18.11	She stated that there are houses within Usuthu Traditional Council which were	26 October 2016	Ndunakazi MK Ndwandwe	It was clarified that Eskom will not use the entire 2km corridor. As such, given the distribution of households in

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	built without the consent of the traditional council. Some people are using more land than what they were originally allocated. All these issues will be considered should these houses be affected by the powerlines.		Usuthu TC Meeting	<p>the rural settlements, it is possible to avoid houses. Therefore, it is possible to find a servitude of 55m within the 2km corridor.</p> <p>Eskom will try and avoid houses as much as possible. However, in instances where houses are unavoidable, negotiations for relocation will be done with the relevant household and in close consultation with the relevant Traditional Council.</p> <p>A Relocation Action Plan will be prepared which will take into consideration all the standards and principles which will guide the relocation.</p>
18.12	In the eventuality that livestock is injured during construction, will Eskom take responsibility and compensate the owner?	28 October 2016	Mr Ndwandwe Mandlakazi TC Meeting	Eskom will only compensate if the livestock incident is directly linked to the construction of the powerline.
18.13	Eskom should be aware that a cow should be brought to the iNkosi of Mandlakazi Traditional Council prior to commencing with servitude negotiations.	28 October 2016	INduna Mandlakazi TC Meeting	The requirement was noted by the team for passing onto Eskom officials.
19	Servitude related queries			
19.1	Will the community be allowed to cultivate or farm underneath the powerlines once the servitude agreement has been signed?	18 October 2016	Mr G Mtambo Ndlela TC Meeting	The landowner will have some restrictions on what he or she is allowed to do within the servitude and will be compensated for any loss resulting from these restrictions.

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				<p>There are height restrictions and clearance requirements that need to be adhered to underneath the powerlines.</p> <p>The servitude agreement will be finalised with individual landowners taking into consideration their land use and/or farming practices.</p>
19.2	I have noted that living under the 400 kV powerlines is not permitted by Eskom. Thank you to Eskom for the initiative towards strengthening the supply of electricity in rural KZN.	18 October 2016	Mr Aaron Mboni Ndlela TC Meeting	Mr Mboni's comments were noted, with thanks.
19.3	Since we are aware that powerlines must be as straight as possible (avoid zig-zag), how are powerlines of this magnitude going to pass through peoples' homesteads since people have built without following a particular pattern?	26 October 2016	Mr Amon Zulu Usuthu TC Meeting	<p>The 2km corridor enables Eskom to find the best alignment within the corridor. The size of the corridor makes it possible for Eskom to avoid constraints and areas of importance along the corridor, including houses.</p> <p>The preferred corridor will be narrowed down to 55m during the servitude negotiation process.</p>
20	Illegal Electricity Connections			
20.1	The electricity transformers within the community are often used for illegal connections and this is a serious concern within the KwaMakhasa Community.	12 September 2016	Ms Lindiwe Dlamini Makhasa TC Meeting	Eskom Distribution will be alerted of the concerns raised, which relate to illegal connections.

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20.2	The community believes that illegal connections are a burden to those households who pay for electricity as they end up paying more.	14 September 2016	A Stakeholder Mdletshe TC Meeting	The issue of illegal electricity connections within households has been noted and will be passed on to Eskom Distribution for a response.
20.3	How does Eskom intend to address the issue of illegal connections? The illegal connections are affecting the stability of supply within the community and are burdensome to those who are paying for electricity.	23 September 2016	Mr Johannes Sukwaza Msibi TC Meeting	<p>Eskom has experienced a number of challenges regarding illegal connections. Eskom has repeatedly disconnected households with illegal connections and only to discover that they have reconnected in a few days' time.</p> <p>Illegal connections are dangerous and often result in serious injury or even death. They also cause overloading of the network.</p> <p>Eskom is working on plans to normalise the illegal connections by connecting them officially and make all users pay.</p>
20.4	I would like to request that Eskom be stricter on illegal connections and to respond accordingly to the needs of the people.	23 September 2016	INkosi Msibi Msibi TC Meeting	INkosi Msibi's comments were noted, with thanks.
20.5	Illegal connections are burdensome to those who pay for electricity. How does Eskom intend to address the issue of illegal connections?	29 September 2016	Mr BS Sibanyoni Ntshangase TC Meeting	The issue of illegal connections remains a major concern. Eskom has repeatedly disconnected households with illegal connections and only to discover that they have reconnected in a few days' time.

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				<p>Illegal connections are dangerous and often result in serious injury or even death. They also cause the overloading of the network.</p> <p>Eskom is working on plans to normalise the illegal connections by connecting them officially and make all users pay.</p> <p>The traditional council was also requested to deal with cases of illegally connected households within the traditional courts and perpetrators dealt with according to customary laws (in line with standards of each community).</p>
21	Electrification related issues			
21.1	<p>I would like to express my appreciation towards the Eskom Northern KZN Strengthening project and that the issue of weak power supply will be addressed, which will be a huge benefit to the community.</p> <p>When will Eskom commence with the electrification process in the KwaMakhasa area?</p>	12 September 2016	Induna Mr Sangweni Makhasa TC Meeting	<p>Induna Sangweni' s positive remarks were noted by the team.</p> <p>Construction of the proposed infrastructure is expected to commence in 2019. However, the Environmental Impact Assessment (EIA) process has to be completed prior to commencing with construction.</p> <p>It was indicated that Eskom Distribution would be in a better position to indicate the estimated timeframes for commencing with the electrification process in KwaMakhasa area.</p>

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21.2	<p>I would like to request that Eskom Distribution officials come and address the KwaMakhasa community about electricity connection related issues.</p> <p>Meter boxes were installed in most houses in the area but they remain inactive because there is no electricity.</p>	12 September 2016	Induna Mr Sangweni Makhasa TC Meeting	The team confirmed that KwaMakhasa Community request will be extended to Eskom Distribution.
21.3	Municipality officials that deal with electricity distribution in the KwaMakhasa area should also be invited to such meetings to provide insight from the municipality's perspective.	12 September 2016	Ms Lindiwe Dlamini Makhasa TC Meeting	<p>The EIA process and the associated Public Participation Process has been widely announced. Meetings with Traditional Councils have been arranged to facilitate ease of access to information and provide detail of the proposed project.</p> <p>Key Stakeholder Meetings which include authorities have also been arranged. As such, municipalities are aware of the process and platforms for participation and/or submitting comment.</p> <p>Should the community wish to engage the municipality about the electrification related issues, they can consult the municipality directly.</p>
21.4	I understand that the new power station will improve the availability of electricity for the distribution network. My only question is when will the community start	12 September 2016	Mr Amos Sangweni Makhasa TC Meeting	It was indicated that Eskom Distribution will be able to provide clarity on the status and plans for electrification in the area.

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	benefitting from the Eskom Northern KZN Strengthening Project.			From a macro-planning perspective, there will be improved electricity supply once the construction of the proposed infrastructure is complete and all powerlines have been energised and connected to the substations.
21.5	<p>When the community was invited to the meeting, they were expecting Eskom to talk about electricity connections and registrations for new installations. Some members brought their Identity Documents hoping that they would be able to register.</p> <p>I would like to urge Eskom to prioritise the KwaMakhasa area as the community is now using illegal connections.</p>	12 September 2016	Mr Sipho Gumede Makhasa TC Meeting	<p>It was confirmed that the letter and communication with the KwaMakhasa Traditional Council clearly stated the objectives of the meeting, which were:</p> <ul style="list-style-type: none"> To introduce the project and the EIA process. To provide detailed information about the proposed project and encourage community participation. <p>Additional information is contained in the Background Information Documents (English and Zulu), which were circulated to all participants.</p> <p>Although the Eskom Northern KZN Strengthening Project is still in the planning phase, it seeks to address similar issues that have been raised by the community. It is important for Eskom to strengthen the network in order to meet the increasing electricity demands in the area.</p>
21.6	Households with electricity have also observed that the electricity supply is weak. This shows that the existing electricity infrastructure is overloaded.	12 September 2016	Mr Themba Mhlongo Makhasa TC Meeting	It was indicated that Eskom Distribution will be able to provide clarity on the status and plans for electrification in the area.

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	Is there a possibility, in the interim, for communities to benefit from the power that is still available in the power stations?			
21.7	Does paying a lump sum as a collective e.g. ten (10) households, expedite the connection of electricity? We have been advised by Eskom Officials that if ten households collectively raise R4 500, our connection will be prioritised. It does appear that "households with money" are prioritised for electricity connection.	12 Sept 2016	Mr Thami Mjenxane Makhasa TC Meeting	There should not be a monetary value attached to the electrification process. KwaMakhasa community was urged to be mindful of fraudulent activities and report them to Eskom. They were also encouraged to also report Eskom officials who are requesting payments from communities for electricity connections.
21.8	My main concern is being overlooked when the process of household electricity connection begins.	13 September 2016	Mrs Goqo Nibela TC Meeting	The proposed Eskom Northern KZN Strengthening project will help improve the stability of supply of electricity to the substations. Therefore, the focus is on bulk electricity transmission and not electrification. The issue of electricity connections within households has been noted and will be dealt with when Eskom Distribution commences with the electrification programme in the area.
21.9	I wish to emphasise that electricity is a much-needed service in the KwaHlabisa community.	14 September 2016	Mr Manqele AbakwaHlabisa TC Meeting	The team affirmed that electricity is used in everyone's daily life. It has become part of modern life. It is for this

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				reason that Eskom is implementing such projects with a focus on long-term electricity supply and sustainability.
21.10	<p>Traditional Councils often deal with aggrieved community members demanding electricity because powerlines have been installed but there is no electricity in households. The information shared has empowered the Traditional Council to better understand issues of electricity supply within their areas of operation.</p> <p>I would like to request that Eskom ensures that the proposed powerlines do not interfere with households as relocation can be an inconvenience.</p>	14 September 2016	Mr David Ndwandwe AbakwaHlabisa TC Meeting	<p>Mr Ndwandwe's remarks regarding information sharing were noted, with thanks.</p> <p>It was explained that a socio-economic study which assess the impacts of the proposed project will be undertaken. The study will ascertain the extent of potential impacts and mitigation thereof. The relocation of households will be dealt with in this study.</p>
21.11	Thank you to the EIA team for the meeting. Electricity supply in the area is indeed weak and it confirms that there is a need to improve the stability of supply.	14 September 2016	A Stakeholder AbakwaHlabisa TC Meeting	These comments were noted, with thanks.
21.12	Electricity supply in the area is very weak. How does the community get information on load shedding times and duration?	14 September 2016	A Stakeholder Mdletshe TC Meeting	Eskom Distribution usually communicates and/or issue notices to the areas which will be affected or experience power supply interruptions. The Eskom Customer service centre can also be contacted to get more information on load shedding.

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21.13	Before the Local Government elections, August 2016, people were requested to register for electrical installations in their houses but nothing has materialised.	14 September 2016	A Stakeholder Mdletshe TC Meeting	The proposed Eskom Northern KZN Strengthening project deals with bulk electricity transmission. Issues relating to the electrification programme should be followed up with the local supplier and/or municipality.
21.14	The electrification process has been initiated by Eskom at Mnqobokazi ward. Will the proposed Eskom Northern KZN Strengthening project interfere with the electrification process at Mnqobokazi?	15 September 2016	Cllr Mthembu Mpembeni TC Meeting	This proposed project will not interrupt existing processes. Those wards are being supplied from the capacity available from existing substations. The proposed project will strengthen and improve the reliability of supply.
21.15	I concur with community members who have expressed that electricity supply at Mpembeni is unstable and often disconnected for days. We are therefore appreciative of Eskom's proposal which seeks to strengthen the power of electricity.	15 September 2016	Induna Mhlongo Mpembeni TC Meeting	Induna Mhlongo's comments were noted with thanks.
21.16	The unreliable power supply in the area results in food rotting in our fridges and money being wasted.	15 September 2016	Mr Ndwandwe Mpembeni TC Meeting	Mr Ndwandwe's comments regarding impacts associated with unstable power supply were noted. These comments affirm the need to improve the reliability of supply in the northern KZN areas.
21.17	When the community received an invitation to the meeting, we expected Eskom to address issues relating to the installations of meter boxes in households and electricity connections.	15 September 2016	Mr Manqele Mpembeni TC Meeting	The EIA team acknowledged that although there is appreciation of what the proposed project seeks to achieve, it is evident that there are immediate issues which mostly relate to electrification.

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	Some community members assumed that the meeting will afford them an opportunity to register for household electricity connections. However, we understand the purpose of the Eskom Northern KZN Strengthening Project.			
21.18	Does this proposed project imply that households in the Myeni/Nsinde area without electricity will only be electrified once the EIA and construction is complete?	20 September 2016	Mr Vreidman Myeni Myeni/Nsinde TC Meeting	The electrification process is separated into phases per community ward. It is possible for power supply from the source (substation) to be sufficient to supply a particular ward. As such, wards within a community can be supplied at different phases. Some areas within a community have a higher demand for electricity, thus affecting power supply.
21.19	I would like to request that Eskom provides assistance and maintain the wooden poles which support the powerlines within the community. There are poles at Belgrade Ward 5 that have fallen to the ground, thus exposing community to live wires. I am of the opinion that the wooden poles were destabilised by termites.	20 September 2016	Induna Ms Philisiwe Mabuza Ndlangamandla TC Meeting	It was pointed out that Eskom normally use treated poles for the powerlines. It is therefore unusual for the wooden poles to be affected by termites. The EIA team confirmed that information would be passed on to the Eskom Customer Service Centre at Pongola for their attention and action.

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21.20	A transformer that services surrounding community was installed by Eskom on my property without consulting me. I was thereafter informed that it would cost me R5000 to have the transformer removed from my property to a new location.	21 September 2016	Mr Elliot Mpanza Ndlangamandla TC Meeting	Mr Mpanza's concern was recorded for passing on to Eskom. It was also pointed out that the issue can still be rectified as there was no consultation with the landowner prior to installation.
21.21	The KwaSbedlu Ward 12 area at Ndlangamandla is experiencing serious electric faults during the summer months. The powerlines emit live sparks and most electric poles have been struck down by lightning. Eskom knows about this and has visited the area numerous times but the problem persists.	21 September 2016	Mr Mthokozeni Zungu Ndlangamandla TC Meeting	It was noted that the KwaSbedlu is in a high-lying area and is susceptible to lightning strikes. Traditional Councils were urged to be mindful when placing people within their communities. Floodplains, wetlands and uncovered high-lying areas should be avoided for human settlement. Eskom's responsibility is to provide electricity where people are already settled. Therefore, the onus rests with the traditional councils to exercise caution and choose the right areas for human settlement. Mr Mvelase undertook to follow-up on the KwaSbedlu area network. He also advised community members that live in the KwaSbedlu area to invest in lightning conductors.
21.22	A common problem in the KwaSibiya area is that each household only has one electricity meter box irrespective of how many inhabitants the household has,	22 September 2016	Ms Elizabeth Mntungwa Sibiya TC Meeting	It was explained that the initial phase of electrification was to install one meter box per household irrespective of the size of the household.

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	hence electricity supply becomes erratic when overloaded.			Households which can afford to increase voltage can do so at their expense. It is understood that the second phase of electrification will address the issue of increasing the voltage of meter boxes.
21.23	<p>There are houses in Ward 3 (Emageqweni) that have no electricity. How soon will the electrification process start for Ward 3?</p> <p>An Eskom official from Vryheid had last stated that a collective of 50 houses must need electricity before the electrification process can begin for the area. Can Eskom connect ward 3 to ward 6 as an interim solution?</p>	22 September 2016	Induna Mr Zibuse Mncube Sibiya TC Meeting	<p>Eskom officials from Vryheid (electrification planners) will be engaged to check progress and the possibility of connecting Wards 3 to 6.</p> <p>Mr Mvelase indicated that he will follow up with Eskom Officials in Vryheid office.</p>
21.24	I live in Ward 3 and have applied for electricity connection. At the time of the application, I was told that I would be liable for a certain fee and that the local councillor would have to be present for the application. An Eskom Official from Vryheid indicated that ward 3 would be electrified before the end of 2016.	22 September 2016	Mr Mhlekeseni Zwane Sibiya TC Meeting	Mr Mvelase indicated that he will follow-up with the relevant personnel at Eskom.
21.25	Ward 12 within KwaMsibi Traditional Council does not have electricity. An Eskom official surveyed the area a while	23 September 2016	Mr Johannes Phakathi Msibi TC Meeting	Inkosi Msibi stated that in 2014 she sent an email to Eskom regarding the issue of certain wards within the KwaMsibi area without electricity. she received a

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	ago and stated that a minimum of 50 houses is required in order to supply the area.			<p>response from an Eskom Official (Sandile) based in Newcastle. In his response, he stated that Eskom was prioritising houses that are less than 50m apart. However, all houses in the KwaMsibi area would have been connected by 2018.</p> <p>Mr Mvelase also noted Mr Phakathi's comment and Inkosi Msibi's response and undertook to follow up on the progress of electrification for Ward 12.</p>
21.26	<p>I have reported my faulty meter box to Eskom and I was told on numerous occasions that my meter box is not registered and does not appear on the system. I am also aware of many people within the KwaMsibi area who have experienced the same problem.</p> <p>I am requesting clarification regarding unregistered meter boxes within KwaMsibi area.</p>	23 September 2016	Mr Johannes Phakathi Msibi TC Meeting	<p>Mr Mvelase undertook to enquire about the registration of meter boxes within the KwaMsibi area.</p> <p>He also highlighted that the issue could be due to the fact that rural areas do not have formal addresses. In most instances, meter boxes are captured using GPS co-ordinates.</p>
21.27	I would like to request that Eskom kindly inform the community when electricity supply will be switched off for maintenance purposes (for both powerlines and transformers).	23 September 2016	Mr M Msibi Msibi TC Meeting	<p>The request was noted.</p> <p>Mr Mvelase also pointed out that at times electrical supply is interrupted due to unforeseen electric faults which need to be attended to immediately for safety reasons.</p>

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21.28	I am requesting that Eskom connect street lights in the KwaMsibi community for safety reasons.	23 September 2016	Mr Johannes Sukwaza Msibi TC Meeting	The request was noted for passing onto the relevant Eskom office.
21.29	There are people who have built houses in the Msibi area without the permission of the Traditional Council. I am requesting that Eskom first consults with the Traditional Council before providing electricity for such households. It is important to also note that the Traditional Council offices/court is also without electricity.	23 September 2016	Mr Shadrack Mavuso Msibi TC Meeting	It was confirmed that the list of houses to be electrified is obtained from the Traditional Council. Eskom's responsibility is to supply electricity to its consumers. As such, it is not Eskom's responsibility to check which households have been permitted in the area.
21.30	The Magudu area has no electricity although meter boxes have been installed. The only households with electricity are those that have applied for connection in their personal capacity and have paid a certain fee.	28 September 2016	Mr Thulani Magagula Emgazini TC Meeting	Mr Mvelase indicated that he will follow-up with the relevant personnel at Eskom.
21.31	Electricity supply in the KwaSimelane area is weak and the community hopes that the supply to their area will improve after the implementation of the proposed project.	28 September 2016	INduna Mr Petros Ndlangamandla Simelane TC Meeting	The proposed project will strengthen and improve the reliability of supply.

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21.32	<p>Thank you to the EIA team for the information and for a detailed presentation.</p> <p>Is there personal ownership of electricity or ownership of an electric line that goes directly to a household?</p>	28 September 2016	Mr Mbhekiseni Nkumane Simelane TC Meeting	<p>Ownership depends on the initial application for connection at Eskom and is dependent on the length of the cable.</p> <p>There should be compensation for the original applicant if other houses have been connected to his / her direct cable, but only if ownership was clearly established on the initial application to Eskom.</p>
21.33	Originally, there were 11 wards in the KwaNtshangase area. Over the years, the population has increased and currently there are 13 wards. It is important for Eskom to consider population growth in their planning scenarios.	29 September 2016	A Stakeholder Ntshangase TC Meeting	<p>Population growth, urbanisation and improving lifestyles contribute to increased demands for electricity.</p> <p>In order for Eskom to meet its mandate and commitment to supply the ever-increasing needs of consumers, it has to plan, establish and expand its infrastructure of generation capacity and transmission powerlines on an on-going basis.</p> <p>Eskom is considering building a substation near Tholulwazi in the Pongola area, which will improve the supply of electricity to the Ntshangase area.</p> <p>It was also pointed out that free government meter boxes have a voltage of 20 Amps. Households that require meter boxes with a higher voltage can apply directly at Eskom at their own cost.</p>

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21.34	<p>Thank you to the EIA team for the presentation and discussion. The following comments were raised:</p> <ul style="list-style-type: none"> • The main problem in the area is that the Mavuso area is supplied electricity from Newcastle although the area is within the jurisdiction of Pongola Local Municipality. • This tends to be problematic because documents are often lost between Newcastle and Pongola. • There are approximately 215 houses within the Mavuso Traditional Council jurisdiction which are not registered. These households have not yet received assistance regarding electrification as they are always referred to Empangeni. 	03 October 2016	Cllr Mavuso Mavuso TC Meeting	<p>Cllr Mavuso was thanked for his comments.</p> <p>The issue relating to unregistered households has been recorded and will be passed onto relevant Eskom officials.</p> <p>Eskom always liaise closely with the relevant Traditional Council when an electrification project has been approved for implementation.</p>
21.35	<p>Who can be contacted at Eskom regarding unregistered meter boxes at households and for any other technical queries?</p> <p>The Eskom Customer Service Centre takes too long to attend and/or respond to</p>	03 October 2016	Cllr Mavuso Mavuso TC Meeting	<p>It was confirmed that Cllr Mavuso's comments have been raised repeatedly by Traditional Councils. The issues were noted for passing on to the relevant office responsible for the Customer Service Centres.</p> <p>The suggestion of educating rural communities about the dangers of illegal connections will also be forwarded to Eskom for consideration.</p>

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	<p>queries. The caller's airtime is usually exhausted before getting any assistance.</p> <p>Eskom should make an effort to educate rural communities about the dangers of illegal connections and handling of damaged meter boxes.</p>			
21.36	Will the proposed Eskom Northern KZN Strengthening project affect the current electrification project for the Empangisweni area?	05 October 2016	Mr Sihle Ngobese Empangisweni TC Meeting	<p>The proposed Eskom Northern KZN Strengthening project will not impact on the current electrification project in Empangisweni.</p> <p>All existing electrification projects will continue as planned. The proposed project will assist in improving the electricity supply and satisfy future electricity demands.</p>
21.37	Some houses within the KwaKhambi area were left out during the electrification process. When will Eskom connect the remaining houses?	06 October 2016	Mr E Nkosi Khambi TC Meeting	<p>It was indicated that Eskom Distribution would be in a better position to indicate the estimated timeframes for completing the electrification process in KwaKhambi area.</p> <p>Eskom will liaise with the Traditional Council at the time of connecting the remaining houses.</p>
21.38	Please note that the Hlahlindlela area does not have electricity and would appreciate it if Eskom can include them on future plans.	12 October 2016	Mr Mdlalose Hlahlindlela TC Meeting	The electrification requirement of Hlahlindlela area was also noted for Eskom's attention.

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				The proposed project will improve the reliability of supply to the northern KZN areas and ensure that increasing electricity requirements are met in the future.
21.39	Thank you to the EIA team for the information. When will the Othaka area be electrified?	12 October 2016	A Stakeholder Othaka TC Meeting	It was explained to Othaka Traditional Council that the proposed Eskom Northern KZN Strengthening is dealing with high voltage transmission lines. All existing electrification projects will continue as planned. The proposed project will assist in improving the electricity supply and satisfy future electricity demands.
21.40	Electricity supply in the area is weak and the unreliable supply is mostly experienced during the summer months. I appreciate and recognise the importance of the proposed Eskom Northern KZN Strengthening Project with the hope that it will be implemented.	18 October 2016	Mr Sipho Hlomuka Dlamini TC Meeting	Mr Hlomuka's comments supporting the need for strengthening the supply to the northern KZN areas were noted, with thanks.
21.41	The electrification process has commenced in the Bhovungane area. Does it have anything to do with the proposed Eskom Northern KZN Strengthening project?	19 October 2016	Mr Zondo Bhovungane TC Meeting	It was confirmed that the proposed Eskom Northern KZN Strengthening project will not impact on the current electrification project in Bhovungane are. All existing electrification projects will continue as planned. The proposed project will assist in improving

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				the electricity supply and satisfy future electricity demands.
21.42	I have noted that the 2018 timeframe referred to in the documents is for obtaining Environmental Authorisation for the proposed project, and not a timeline for electrification in the Bhovungane area.	19 October 2016	Mr Sipho Nkosi Bhovungane TC Meeting	It was confirmed that the proposed Eskom Northern KZN Strengthening project will not impact on the current electrification project in Bhovungane area. All existing electrification projects will continue as planned. The proposed project will assist in improving the electricity supply and satisfy future electricity demands.
21.43	Electricity supply in the area is indeed very weak. When it rains, electricity supply is interrupted. I hope that the Eskom Northern KZN Strengthening project will be a success.	20 October 2016	Mr Petros Mavuso Mthethwa TC Meeting	The proposed project will assist in improving the electricity supply and satisfy future electricity demands.
21.44	Thank you to the EIA team for the presentation. We have constant issues with unreliable power supply.	20 October 2016	Mr Isaac Ngcobo Mthethwa TC Meeting	The proposed project will assist in improving the electricity supply in the Northern KZN areas and satisfy future electricity demands.
21.45	Thank you to the EIA team for the presentation. I would like to request the team to take note that there are some areas within the Mthethwa Traditional Council which have not been electrified.	20 October 2016	Mr MJ Xulu Mthethwa TC Meeting	It was explained to Mthethwa Traditional Council that the proposed Eskom Northern KZN Strengthening is dealing with high voltage transmission lines. The electrification of Mthethwa area is handled by relevant Eskom office which deals with household connections.

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21.46	I live in the Makhalaneni area and would appreciate assistance from Eskom. Electricity connection at my house tripped during a thunderstorm and immediately stopped working. As such, we have no electricity supply. I have requested assistance but there has been no progress to date.	28 October 2016	Mr Mabaso Mandlakazi TC Meeting	Mr Mabaso was advised that the proposed Eskom Northern KZN Strengthening project is dealing with high voltage powerlines. Issues relating to household connections should be reported to the Eskom Customer Service Centre.
21.47	Members of the community have paid large sums of money to Eskom officials for electricity connections to their homes. I have personally paid R10 000 but my house is still not connected. Some families have paid R7000 and remain without electricity. I suspect that we were caught up in a fraudulent scam and we now require immediate assistance from Eskom.	28 October 2016	Mr Zulu Mandlakazi TC Meeting	The team acknowledged that they have been advised of similar scams in other areas within the study area. There should not be a monetary value attached to the electrification process. Mandlakazi community was urged to be mindful of fraudulent activities and report them to Eskom. They were also encouraged to also report Eskom officials who are requesting payments from communities for electricity connections.
22	Eskom customer service issues			
22.1	<ul style="list-style-type: none"> Communication from the customer service centre is always in English. He requested Eskom to consider sending follow up sms's to the customer in Zulu in order to cater for 	23 September 2016	Mr Shadrack Mavuso Msibi TC Meeting	Mr Mvelase noted these concerns for forwarding to the relevant office which deals with customer service.

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	<p>customers who do not understand English well.</p> <ul style="list-style-type: none"> The time it takes to reach the relevant person to assist at the customer service centre is unacceptable. At times, customers wait up to an hour to get assisted. The longer waiting periods translate to higher telephone costs. This cost is unaffordable to the consumers particularly in the rural areas. 			
22.2	<p>When the community contacts the Eskom Customer Service Centre, we are often mistreated and disrespected by the agents at the call centre. It is unacceptable that the community has to deal with impatient customer care agents who do not attend to our queries and concerns.</p> <p>I would like to suggested that Eskom establishes a toll-free line for people living in rural areas as we are not always able to reach Eskom when we require assistance due to associates costs.</p>	23 September 2016	iNkosi Msibi Msibi TC Meeting	<p>Mr Mvelase noted iNkosi Msibi's remarks and stated that he will pass on the information to the relevant office responsible for the Customer Service Centres.</p> <p>The suggestion for a toll-free line for rural areas was also noted for Eskom's consideration.</p>
23	Bursaries and support to communities			

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23.1	Does Eskom support community projects and provide school bursaries for children in the rural areas?	23 September 2016	Mr Johannes Sukwaza Msibi TC Meeting	<p>Eskom bursaries are available for everyone but are focussed in the fields which also benefit Eskom, e.g. engineering, accounting, Information Technology, etc. All bursaries are performance based and are awarded to those applicants who meet the criteria. Prospective students can apply online or enquire directly at any Eskom offices.</p> <p>The community was requested to encourage children to excel in subjects such as mathematics and science which will enable them to receive financial assistance in the form of bursaries.</p> <p>Eskom does support community initiatives as and when opportunities arise. If Eskom has a development in the area, they may invest in the area through supporting a community initiative as part of an offset mitigation.</p>
23.2	<p>The following comments were raised:</p> <ul style="list-style-type: none"> • There is a high rate of unemployment in the KwaMsibi area. She requested Eskom to notify the Traditional Council should there be opportunities for employment in the future. • She requested the public participation team to assist the community by motivating scholars. 	23 September 2016	INkosi Msibi Msibi TC Meeting	<p>INkosi Msibi's requests were noted for consideration. The Public Participation Team indicated that they are interested in initiatives which seek to motivate and encourage learners. The proposal of a workshop will be extended to other stakeholders who wish to participate in the programme.</p>

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	Most children are demotivated by the high rates of unemployment. Hosting a workshop that will seek to motivate school children and enlighten them about career choices would go a long way towards community development.			
23.3	I would like to enquire about internship or in-service training opportunities at Eskom particularly in the field of electrical engineering.	23 September 2016	Ms Hilda Mntungwa Msibi TC Meeting	<p>Ms Mntungwa was advised that Eskom offers internship opportunities at various locations in South Africa. The opportunities are always advertised online under Eskom <i>Jobs and Careers</i>. Opportunities are available to graduates who meet the criteria and requirements.</p> <p>The Msibi Traditional Council was also informed that in general recruitments for internships are competitive as all companies seek out the best candidates. It is therefore important for the community leaders and schools to encourage their children to excel academically because bursaries and internships are all performance-based.</p>
23.4	Does Eskom have any community upliftment initiatives and opportunities for youth that the Ntshangase community can benefit from?	29 September 2016	A Stakeholder Ntshangase TC Meeting	The community was informed that the construction of powerlines is of a technical nature and requires specialised skills. The main contractor will be appointed to construct the powerlines and local sub-contractors will be given opportunities to tender for general

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				<p>and/unskilled work. Where possible, Eskom supports and encourages the use of local labour.</p> <p>Should there be employment opportunities, the relevant local structures, e.g. municipality and traditional council will be informed.</p> <p>The community was encouraged to be proactive and utilise their skills and knowledge to benefit from local developments. They can work as a collective in order to position themselves for potential opportunities. Community members can register their small businesses, e.g. catering, accommodation, etc.</p> <p>Eskom bursaries are available for everyone but are focused in the fields which also benefit Eskom, e.g. engineering, accounting, Information Technology, etc. All bursaries are performance based and are awarded to those applicants who meet the criteria. Prospective students can apply online or enquire directly at any Eskom offices. Application forms can be downloaded and/or submitted online using a cell phone.</p> <p>The community was requested to encourage children to excel in subjects such as mathematics and science which will enable them to receive financial assistance in the form of bursaries.</p>
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23.5	<p>Are there any internship opportunities and bursaries offered by Eskom?</p> <p>How can application forms be made more accessible to rural communities?</p>	04 October 2016	Ms Mchunu Msiyane TC Meeting	<p>Ms Mchunu was informed that in general recruitments for internships are competitive as all companies seek out the best candidates. It is therefore important for the community leaders and schools to encourage their children to excel academically because bursaries and internships are all performance-based.</p> <p>Eskom bursaries are available for everyone but are focussed in the fields which also benefit Eskom, e.g. engineering, accounting, Information Technology, etc. All bursaries are performance based and are awarded to those applicants who meet the criteria. Prospective students can apply online or enquire directly at nearest Eskom offices. Application forms can be downloaded and/or submitted online.</p>

5.2 Comments received during the Draft Scoping Report Review

Table 2 provides a list of all comments received during the review of Draft Scoping Reports.

Table 2: Comments received during the Draft Scoping Report review period

No	Comments/ Questions	Date received	Origin	Responses
1	Ms Qwabe asked if soil type affects the suitability of a site to build a substation.	19 September 2017	Ms Nosipho Qwabe Mkhuze Public Meeting	Mr Bengani said soil type plays an important role in site selection. In cases where a preferred site has unsuitable soil, that soil is removed and replaced with suitable soil. The process is referred as Cut and Fill. Dolomite areas are avoided to prevent surface sink hole. Ms Calmeyer added that geotechnical investigation will be conducted as part of the EIA process and soil type will be considered in the geotechnical reports.
2	Referring to Critical Biodiversity Areas (CBAs), Mr Bengani asked if plants and animals have to be relocated in order to build a substation.	19 September 2017	Mr Thokozani Bengani Mkhuze Public Meeting	Ms Calmeyer said Irreplaceable and Optimal CBAs have been implemented on fairly broad level for the whole country. The CBAs are not considered as totally no-go areas, but ecological surveys and assessments of the actual sites must be undertaken to confirm the actual impact of the proposed project during the EIA process.

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No	Comments/ Questions	Date received	Origin	Responses
3	She asked how far Iphiva 6 is from Mkhuze.	19 September 2017	Ms Zanele Mhlaule Mkhuze Public Meeting	Ms Calmeyer said Iphiva 3 is 6 km and Iphiva 6 is 9 km west of the N2.
4	Ms Mhlaule asked what about the pros and cons of burying the lines.	19 September 2017	Ms Zanele Mhlaule Mkhuze Public Meeting	<p>The costs and technical implications will also be used as criteria, together with environmental criteria, to compare the alternatives, Ms Calmeyer responded.</p> <p>Mr Bengani added that we must remember that where the underground cables go to overhead powerlines, a substation will be required and that might add to the cumulative impacts. With multi-circuit power lines, certain agricultural activities can be practised under the overhead powerlines depending on the agricultural activities practised.</p> <p>Ms Calmeyer said Eskom should provide a detailed project description of how each alternative will look. For example, how big the substations be and where the substations will be located ensure a comprehensive comparison of alternatives.</p>
5	Ms Qwabe asked if the height of the trees has an impact on the power lines.	19 September 2017	Ms Nosipho Qwabe Mkhuze Public Meeting	Ms Calmeyer said the plan is to avoid forestry as much as possible. No forestry will be allowed under overhead powerlines.
6	Mr Bengani stated that cable theft is an important issue for burying the lines.	19 September 2017	Mr Thokozani Bengani	Ms Mhlaule indicated that underground cable theft is much easier in remote areas compared

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			Mkhuze Public Meeting	to urban areas and in areas where there is no vegetation cover.
7	He asked if the 400 kV Transmission powerlines will require a basic assessment.	20 September 2017	Mr Dale Austin Mkhuze Public Meeting	The 400 kV Transmission powerlines require the full scoping and EIA whereas the 132 kV Distribution powerline requires a basic assessment. Although they are all powerlines, the difference lies on the voltage of the powerlines. For powerlines that are 275 kV or more, a full scoping and EIA is conducted, and for powerlines less than 275 kV, a basic assessment is conducted.
8	He asked if the 165 km route of 132 kV Distribution powerline will be shown in the presentation.	20 September 2017	Mr Dale Austin Mkhuze Public Meeting	The routes for all 3 applications (Normandie-Iphiva 400 kV Transmission powerline; Iphiva-Duma 400 kV Transmission powerline and the 165 km 132 kV Distribution powerline) will be shown as we proceed with the presentation.
9	Does the 55 m servitude apply to forestry?	20 September 2017	Mr Ivor van Rooyen Mkhuze Public Meeting	55 m is a general standard servitude for 400 kV powerlines and for forestry is wider than 55 m.
10	What is the actual footprint of the Transmission powerline towers in width within the 2 km corridor during construction and maintenance?	20 September 2017	Ms Karen Odendaal Mkhuze Public Meeting	Each type of tower will have a different size footprint. The towers differ from tower to tower type. Because the towers will be assembled on site, the plan will be to try and accommodate the 55 m servitude within the 2 km corridor.
11	She requested clarity on the length of the Transmission powerlines on their property. She explained that the	20 September 2017	Ms Karen Odendaal	These Acts have been taken into account. The intention is to avoid constructing powerlines in

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	length of the powerlines on each property will enable the affected parties to determine the extent of the potential impact. She gave the National Environmental Management: Protected Areas Act (Act 57 of 2003) and the National Environmental Management: Biodiversity Act (Act 10 of 2004) as reference governing them.		Mkhuze Public Meeting	protected areas if at all possible. Actual lengths per property will only be available once a recommended corridor has been determined.
12	He asked if vegetation will be cleared within the 55 m servitude and what about maintenance after. Ms Odendaal said Eskom previously cleared vegetation once a year under other powerlines.	20 September 2017	Mr Nelis Moll Mkhuze Public Meeting	Some vegetation will be cleared, but not always the full 55 m. There are possibilities for not cutting all vegetation down to ground level under the power lines depending on the trees.
13	She asked whether the existing powerlines will remain. What will the distance between existing powerline and the new powerlines be? Will it be possible to replace the existing powerline with a double multi-circuit tower to accommodate the existing and all new powerlines?	20 September 2017	Ms Mariana Venter Mkhuze Public Meeting	It was indicated that the 55 m servitude will be negotiated within a 2 km corridor. The actual corridor and route has not been recommended yet. Once the corridor and the route have been authorised by the DEA, the negotiation process will take place with each affected landowner taking into consideration all impacts associated with the proposed project. At this stage it is difficult for powerline designers to specify where the powerlines will be as the position of towers depends on the terrain and design of the powerlines. The negotiators and designers will determine how best to deal with any existing

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				powerlines on properties on a case by case basis.
14	He asked if the 400 kV powerline is the highest voltage Eskom has and if not, what about replacing the 400 kV with the higher voltage.	20 September 2017	Mr Nelis Moll Mkhuze Public Meeting	Although there is a 765 kV powerline, there is no direct transformation from 765 kV powerline to a Distribution voltage. The highest voltage that can be transformed down to a lower voltage is 400 kV powerline. 765 kV powerline is used for very long distances. In terms of replacing the lower voltage with a higher voltage, it is important to note that all different voltages have different purpose. All voltages are needed to reach all customers, Mr Bengani responded.
15	She asked how long will be the construction process?	20 September 2017	Ms Karen Odendaal Mkhuze Public Meeting	It might take 24 months for the whole powerline.
16	She asked what about construction at one point from pegging to clearing of vegetation.	20 September 2017	Ms Calmeyer Mkhuze Public Meeting	Mr Alli stated that it might take several weeks depending on the contractor.
17	He asked how big the contractor campsites will be.	20 September 2017	Mr Ivor van Rooyen Mkhuze Public Meeting	For the 400 kV powerlines, it is likely that there will be two or more construction camps. The campsites along the powerline will not be that big, as the main campsite will be at the substation, Mr Alli responded.

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18	He said the previous application was successfully appealed by the Minister of Environmental Affairs. Why northern power lines are still passing over Izimanga Private Game Reserve if this is a new application.	20 September 2017	Mr Charl Senekal Mkhuze Public Meeting	<p>It is a new application for a different project description. The Regulations require us to, in the Scoping Phase of the project, "identify and confirm the preferred site, through a detailed site selection process, which includes an identification of impacts and risks inclusive of identification of cumulative impacts and a ranking process of all the identified alternatives focusing on the geographical, physical, biological, social, economic, and cultural aspects of the environment;". The study area locality figure in the Draft Scoping Report shows all the possible corridors that were initially identified and assessed for consideration for further study. The corridor that you refer to (C-G) was one of these. C-G is a section of Normandie-lphiva 1 (N-I 1) alternative only.</p> <p>Criteria that represent the key issues determining which alternative corridor is expected to result in the least environmental and social impact, were identified. For each criterion, the EAP ranked the corridors. The ranking of each criteria were added together to obtain a total ranking. The Draft Scoping Report clearly states that only N-I 2 and N-I 3 are recommended for further assessment in the Impact Assessment phase of the project. The</p>

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				section of corridor C-G, (which is part of N-I 1) has therefore not been recommended for further assessment.
19	She asked where the actual substation site will be.	20 September 2017	Ms Karen Odendaal Mkhuze Public Meeting	The actual substation site has not been decided yet.
20	Mr Moll asked if the northern power lines will be passing closer to Pongola.	20 September 2017	Mr Nelis Moll Mkhuze Public Meeting	The powerlines will possibly pass closer to Pongola.
21	Is the Pongola-Nongoma down to Richards Bay not a much shorter route?	20 September 2017	Mr Nelis Moll Mkhuze Public Meeting	It was indicated that the substation will not be required in those areas.
22	Iphiva 3 falls within the land under restitution. Land claim issue was brought up in one of the meetings. Ms Odendaal asked if the landowners for Iphiva 3 were adequately consulted.	20 September 2017	Ms Karen Odendaal Mkhuze Public Meeting	Ms Shinga stated that they were consulted. Separate meetings with Mandlakazi Traditional Council and Mbulungwane Trust were held. Additional meeting was requested later on. Up to this stage, they are not opposing the proposed project and they allowed the environmental assessment process to proceed.
23	There are development plans for that specific area and landowners might not be aware of the potential impact of the substation. Was there adequate representative during the meeting, Ms Odendaal commented?	20 September 2017	Ms Karen Odendaal Mkhuze Public Meeting	Ms Shinga said she has been in contact with the landowner's legal representative (Mr Maseko) and the chairperson (Mr Buthelezi).

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24	She requested the attendance registers, minutes for the meetings and all correspondence made with respect to Iphiva 3.	20 September 2017	Ms Karen Odendaal Mkhuze Public Meeting	All records of correspondence are included in Appendices to the Draft Scoping Report.
25	Normandie-Iphiva 3 and Normandie-Iphiva 4 scored the same, why is alternative 4 taken into consideration?	20 September 2017	Mr Ivor van Rooyen Mkhuze Public Meeting	The Normandie-Iphiva 3 is preferred to Normandie-Iphiva 4 because of the length and cost of the powerlines, as well as the accessibility and terrain of the area.
26	Please note that there are reserves on the eastern side of the reserve of N2.	20 September 2017	Ms Mariana Venter Mkhuze Public Meeting	This comment was noted, with thanks.
27	He recommended Iphiva-Duma West to avoid building a powerline in the protected area east of the N2.	20 September 2017	Mr Ivor van Rooyen Mkhuze Public Meeting	Ms Calmeyer indicated that she was not aware that the protected area on the eastern side of N2 extended all the way to the road. This data will be confirmed and considered.
28	He stated the 2 km corridor will be running over their 3 camps situated south of Manyoni Private Game Reserve (MPGR) if Iphiva-Duma East is recommended.	20 September 2017	Mr Dale Austin Mkhuze Public Meeting	Ms Calmeyer mentioned that the DEA will make the final decision on which corridor is authorised.
29	Thanda Private Game Reserve has a piece of land on the eastern side of the N2 and they are in a process of building a landing strip, Ms Venter commented.	20 September 2017	Ms Mariana Venter Mkhuze Public Meeting	The comment was noted and will be plotted on the map as certain distances are restricted from landing strips for safety reason.
30	Mr Vivier asked how big is the servitude from the outside line to the furthest line.	20 September 2017	Mr Ryan Vivier	Ms Calmeyer said it depends on how it was configured.

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			Mkhuze Public Meeting	
31	Have all the 7 scenarios of burying and multi-circuit towers in the P234 Corridor been assessed and included in the report, Ms Odendaal asked?	20 September 2017	Ms Karen Odendaal Mkhuze Public Meeting	Ms Calmeyer stated that all 7 scenarios of burying and multi-circuit towers in the P234 Corridor have been included in the report. However, at this stage the scoping report will be proposing these 7 scenarios of burying and multi-circuit towers in the P234 Corridor that will be assessed in the next stage. Again, this will depend on whether DEA accepts the proposed recommendations.
32	The Manyoni Private Game Reserve falls under protected areas. Why are you proposing powerlines over the protected area?	20 September 2017	Mr Dale Austin Mkhuze Public Meeting	Ms Calmeyer stated that there is no recommendation that goes over the protected area.
33	She asked how do they oppose Iphiva-Duma East?	20 September 2017	Ms Karen Odendaal Mkhuze Public Meeting	By sending an email and motivation to include on the submission to DEA, Ms Calmeyer responded.

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34	He said the eastern side of the N2 consists of critical biodiversity areas which are irreplaceable, but are currently used for sugarcane and cattle farming.	20 September 2017	Mr Dale Austin Mkhuze Public Meeting	Ms Calmeyer explained that Critical Biodiversity Areas do not have the same status as protected areas as they are a high-level identification of land that should be further assessed on a site by site basis for potential conservation importance. These areas will be ground-truthed by the specialist studies.
35	Mr Austin asked if they are allowed to participate in the specialist studies. The landowners requested to meet with the following specialists: <ul style="list-style-type: none"> • Ecologist • Socio-Economic • Economic • Visual Impact 	20 September 2017	Mr Dale Austin Mkhuze Public Meeting	Ms Calmeyer said the specialists will be in contact with Ms Odendaal (Managing Director for MPGR) for specific data and information required for the studies.
36	What about safety measures during construction?	20 September 2017	Ms Mariana Venter Mkhuze Public Meeting	Ms Calmeyer said Ms Odendaal also raised safety as one of the issues and it was covered during the previous meetings.
37	Ms Venter asked if there is more detailed map available with properties including boundaries.	20 September 2017	Ms Mariana Venter Mkhuze Public Meeting	The Geographical Information System (GIS) specialist can provide a more detailed map of the specific areas of concern.
38	Are the reports available online?	20 September 2017	Ms Karen Odendaal Mkhuze Public Meeting	Ms Calmeyer indicated that the reports are available on www.iliso.com website.

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39	Is tourism included as one of the impacts during construction?	20 September 2017	Mr Ivor van Rooyen Mkhuze Public Meeting	Ms Calmeyer stated that tourism is covered under protected areas.
40	What about impacts of construction and operation on tourism?	20 September 2017	Mr Dale Austin Mkhuze Public Meeting	Ms Calmeyer stated that all impacts regarding each of the 8 concerns raised will be considered during construction and operation phase.
41	Can you please indicate the timescale for project construction?	20 September 2017	Mr Nelis Moll Mkhuze Public Meeting	Mr Bailey explained that at the moment Eskom is on the concept design phase of the project determined by Eskom development process. After receiving the EIA probably next year August, Eskom will complete the concept design. Thereafter, follows a detailed design phase and negotiation process done simultaneously. Detailed design phase will only be completed once all servitudes needed for the project has been acquired. The next stage will be preparing for project execution phase and allowing a period of 2 years for land acquisition. Eskom cannot commence with construction without acquisition of land. The project is planned to be completed by 2024,

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42	He asked if the project will not be a white elephant (a project costing more money without useful purpose). He mentioned the renewable energy as another option for generating electricity.	20 September 2017	Mr Nelis Moll Mkhuze Public Meeting	As already mentioned on the need for the project, there is a higher demand to supply electricity. Certain aspects have to be taken into account. Renewable energy is not easy to control. For example, the sun or wind. What happens in rainy seasons, where there is no sun for a long period and have run out of battery storage. Due to growth of multiple economies, looking at energy that will provide stable network is another option. However, there is a need to strike a balance when going green.
43	Mr Moll said the electrical grid network cost will be higher versus consumption and eventually having an impact on rural areas.	20 September 2017	Mr Nelis Moll Mkhuze Public Meeting	Mr Bengani said that will depend on the resources available in the area.
44	Mr van Rooyen said that Normandie-Iphiva 4 was discarded because it is a longer route. Iphiva-Duma West is being considered because it is shorter route. Can we assume that the criterion was based on route length?	20 September 2017	Mr van Rooyen Mkhuze Public Meeting	Ms Calmeyer mentioned that the selection of the preferred corridor is based on many criteria and not only length. The process going forward will be getting all specialists studies done to have more detailed information to base an informed recommendation on. The recommendation cannot be based on one criterion.

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45	Ms Odendaal indicated that she will go through the reports and make comments. After the specialists' studies, if the Iphiva-Duma East corridor is recommended, they will definitely object.	20 September 2017	Ms Karen Odendaal Mkhuze Public Meeting	This comment was noted, with thanks.
46	We are currently busy on a distribution system for Thanda Royal Game reserve between Hluhluwe and Mkhuze. And we are a bit concerned about your wayleave affecting our project. Could you please Email us the position of your new line so we can see whether it would affect our project	02 October 2017	Mr Len Lieberum Khanyisa Africa Consulting Electrical Engineers cc	The Eskom Northern KZN Strengthening Project consist of four components: <ul style="list-style-type: none"> • A new substation (to be called Iphiva) close to the town of Mkhuze • A 400 kV powerline from the existing Normandie Substation (close to Piet Retief) to the proposed Iphiva Substation • A 400 kV powerline from the proposed Iphiva Substation to the Duma Substation (in the south), and • 165 km of Distribution Powerlines. <p>From the description of your property in the email below, I understand that the Iphiva-Duma 400 kV powerline may potentially impact on you.</p> <p>The Environmental Impact Assessment is currently in the Scoping Phase. The main objectives of this phase are to identify the most important issues and concerns, and alternatives that will require further investigation. The draft</p>

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				<p>Scoping Report is currently available for public comment. I have attached a copy for your convenience. Please can you submit any concerns and comments to us by 9 October 2017.</p> <p>Please note that the EIA will be requesting authorisation of a 2 km wide corridor within which Eskom will be able to negotiate a 55 m wide servitude for the construction of the powerline. At this stage, there are still two possible alternative corridors (called Iphiva-Duma West and Iphiva-Duma East) that will be investigated further. Only after the specialist studies have been done will we make a recommendation to the competent authority (the national Department of Environmental Affairs) on whether the project should be authorised or not, and if so, then which of the alternative corridors is preferred (i.e. has the least biophysical, social, heritage and economic impacts).</p> <p>Will it be possible for you to provide us with a map, or property number details, so that we can check whether you could be affected or not?</p>
47	I represent the following landowners: HD Hinze (myself, PTN 6 of Witklip 207), SH Hinze (PTN 5 Witklip 207),	04 October 2017	Mr Heiner Hinze	The receipt of these comments was acknowledged. The information was forwarded

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	<p>HH Hinze (PTN 22 & 13 Witklip 207) IH Hinze (PTN 2 Witklip 227).</p> <p>We would like you to consider the alternative route (along N2 towards Pongola) for the strengthening project.</p> <p>Our reasons: Another powerline would disrupt our centre pivot irrigation systems. We have 5 in total and have already applied for another one, all falling in the affected area as per provided map. Our farming operation is dependent on this irrigation.</p> <p>Our forestry operation will be impacted by a new line. There is a moratorium to issue new afforestation licenses, which means that if we lose area to forestry, we are unable to plant in in another area on our farms.</p> <p>We have numerous people living in traditional homesteads on our farm and they all fall in the affected area.</p>		<p>(PTN 6 of Witklip 207), SH Hinze (PTN 5 Witklip 207), HH Hinze (PTN 22 & 13 Witklip 207) IH Hinze (PTN 2 Witklip 227). (Email)</p>	<p>to relevant specialists as part of detailed investigations.</p>
48	<p>A submission from Manyoni Private Game Reserve titled "comments and objection to the eastern Iphiva – Duma corridor & substations" included the following documents:</p> <ul style="list-style-type: none"> Manyoni Private Game Reserve (MPGR) Opposition to Eskom's Northern KwaZulu Natal KZN Strengthening Project (16 pages). 	09 October 2017	Ms Karen Odendaal Manyoni Private Game Reserve	This receipt of this submission was acknowledged, with thanks. The information was forwarded to relevant specialists as part of detailed investigations.
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	<ul style="list-style-type: none"> • Appendix 1: Gazette – ZRR Proclamation Notice 65 (23 April 2009) • Appendix 2: Gazette – ZRR Proclamation Notice 1522 (10 October 2015) • Appendix 3 Lepidopterists' Society of Africa Letter • Appendix 4 MPGR Vulture Incidents • Appendix 5 – ZAP Wing Opposition Eskom Lines at Manyoni • Appendix 6 – Heligistix – Opposition Eskom Lines at Manyoni • Appendix 8 Impact of Transmission Lines on the environment <p>NB: Due to the length of the submission, this has been included as a separate attachment under lengthy submissions (Annexure A1).</p>			
49	<p>As in IAP involved in the process since the first application we would like to point out the following issues noticed after inspecting the draft proposals.</p> <p>Without prejudice of our rights please find our comments regarding the Normandie iPhiva Draft Scoping Report:</p>	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	This receipt of this submission was acknowledged, with thanks. The information presented from a) to u) was forwarded to relevant specialists as part of detailed investigations.
	a) Figure 2.1's placement of Iphiva 3 is factually incorrect. We have in the past pointed this out to Eskom and also refused EIA consultants entry to	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	The location of Iphiva 3 on Figure 2.1 is correct. We acknowledge that there was some confusion between the naming of the alternative

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	<p>investigate this point as it was NEVER offered as a placement point for the substation. Senekal Familie Boerdery in good faith offered Eskom several viable options for substation placement that are along the preferred routes. Despite all this iPhiva 3 is still contained as an option in the report yet Eskom sent their EIA practitioners to the site for inspection.</p> <p>This only serves to disgruntle IAPs as despite all of our own time we spent in meetings are for naught if Eskom decides to publish factually incorrect maps which are the heart of the application and go as far as investigating sites which were never offered. This begs the question of whether Eskom is acting in bad faith regarding the application.</p>			<p>sites in the past. This has been resolved, and the presentation in the Scoping Report is correct. The site that you refused specialists access to is now referred to Iphiva 2. Iphiva 3 is not on property owned by the Senekal family. We assume that the statements in this point refer to Iphiva 2, which is not being recommended for further assessment. Opinions of yourselves and other I&APs contributed significantly to this recommendation.</p>
	<p>b) Figure 6.1 is factually incorrect. The boundaries of Zimanga are not nearly accurately portrayed, creating a false impression that the 400kva lines will be running through vacant land. We would like to place on record that the process of proclaiming Zimanga as a Protected Area will be completed soon, and that the decision to Proclaim Zimanga under the highest level of protection offered by the Protected Areas Act has already been approved by the EKZNW board.</p> <p>The management plan is currently being finalised for submission and the area will be proclaimed long</p>	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	<p>Figure 6.1 is only the copy of a rough map that was used during field work to start identifying issues and risks. Decisions will be based on the official datasets from DEA, SANBI and the EKZNW. Our maps are based on current data and not future plans. Please let us know as soon as your proclamation has been finalized.</p>

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	before actual line construction commences. All land on Zimanga will therefore have to be treated as classified under the Protected Areas Act, which will be applicable before construction commences			
	c) The corridor G-D is not indicated on any map despite it being the logical connection route. We have constantly pointed out this omission to Eskom yet they choose to ignore the fact. We have now reached application level and this has still not been corrected. This needs to be corrected as the text in Table 6.4 clearly indicates point D to be the end destination in all cases, yet all maps do not indicate the opposite?	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	Corridor G-D has been indicated on the Final Scoping Report Figures. This portion of the corridors has, however, not been recommended for further consideration as part of any of the alternatives. The Normandie-Iphiva 400 kV powerline will start at the Normandie Substation, and end at whichever Iphiva site is authorised. As explained in the Iphiva Substation Draft Scoping Report, 13 sites were identified as potentially viable alternatives. In the Scoping Phase, these have been narrowed down to 2 sites, namely Iphiva 3 and Iphiva 6.
	d) Despite section C-G constantly being indicated in maps and meetings, and despite Mrs Bongi Shinga's direct comment to me that "adding C-G was a mistake", the route is still contained in the maps. The C-G section is not once discussed and analysed in the Ecological Sensitivity Rating despite forming part of the application. We therefore assume that it is not considered as an option as it ranks as the most ecologically damaging route to follow, containing nests of White Backed Vulture, Lappet Faced vulture, Mkuze-river riverine forest as			G-C is not part of any of the alternatives recommended for further consideration.

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	well as a wetland of National Importance. This is not clearly indicated in this report and is still contained in maps in the final application. We deserve clarity on this line			
	e) Section 6.2.11 mentions the presence of IBAs in the area. There is a new Zululand IBA that is to be proclaimed and through which the proposed routes will run.	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	The latest data sets of IBAs will be obtained from EKZNW. Planned future areas to be proclaimed will also be taken into account, if provided to use, but will not have the same status as proclaimed areas.
	f) In paragraph 6.2.14 we concur with the fact that you state route NI-1 will have the highest rated ecological impact.	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	Support of the recommendations is noted.
	g) We note in paragraph 6.3 that the mention of burying a portion of the line is mentioned. We are in full support of this alternative especially considering the impact these massive structures will have on the ecology, security, landscape, land use and economy of the area.	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	Support of the recommendations is noted.
	h) Paragraph 8.1 indicates that the addition of powerlines not going through existing Protected areas will be possible. This needs to be changed in order to include areas in the process of proclamation. The addition of paperwork does not change the actual ecological processes on the ground, which are the reason for proclamation in the first place. By using any of the proposed routes	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	We hope to be able to avoid any powerlines in conservation areas protected by national and provincial legislation. This will have to be confirmed in the specialist studies. Future plans for protection of areas will be taken into account, but cannot have the same status as officially legally protected areas.

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	the lines will run through protected areas/areas being proclaimed. Using route G-D only serves to limit this impact, as this is the shortest route through protected areas. As mentioned, Zimanga will be proclaimed before any construction commences with the Act regulating this type of construction on Protected areas.			
	i) Mention is made that the areas will be traversed in the summer months to assess avifaunal impact, but this is not ideal as different red data species nest across different timespans of the year. To do an assessment in summer will guarantee no presence of breeding white backed vultures, bateleurs and lappet faced vultures (to name but a few), as these breed along several proposed sections of the lines, but generally towards winter/late winter.	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	
	j) There is an unnamed map around paragraph 8.3 that indicates site iPhiva 2 and 3 and which are not the sites offered in good faith by Senekal Farming on their land, yet are part of the application. This is incorrect information. The simple addition of page numbers will make reference to these omissions easier.			The title to the Figure in Section 8.3 is in the legend (top right corner) and is the Landcover data set. The substation sites indicated on this map are the ones that were considered in the Scoping Phase. Iphiva 4 is the site that the Senekal family proposed as the substation site.
	k) Figure 9.2 does not indicate the G-D linkage which is described in the route assessments but rather focuses on G-C.	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	The data on Figure 9.2 covers the whole study area. It is not corridor specific and is meant to present back-ground information. This portion of the corridors has, however, not been

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				recommended for further consideration as part of any of the alternatives.
	l) The same can be said for Figure 9.3	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	The data on Figure 9.3 covers the whole study area. It is not corridor specific and is meant to present back-ground information. This portion of the corridors has, however, not been recommended for further consideration as part of any of the alternatives.
	m) And figure 9.4	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	The data on Figure 9.4 covers the whole study area. It is not corridor specific and is meant to present back-ground information. This portion of the corridors has, however, not been recommended for further consideration as part of any of the alternatives.
	n) Figure 9.7 too	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	The data on Figure 9.7 covers the whole study area. It is not corridor specific and is meant to present back-ground information. This portion of the corridors has, however, not been recommended for further consideration as part of any of the alternatives.
	o) Paragraph 9.8.6 and Table 9.5 makes mention of endangered species of birds but incorrectly classifies the White Backed Vulture as Endangered whilst the IUCN ranks it as Critically Endangered meaning one step away from being extinct in the	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	The Avi-fauna specialist will verify this information and will be updated as applicable in subsequent reports.

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	wild. One would expect Eskom to be aware of this considering past dealings regarding the initial application			
	p) Figure 9.8 again indicates route C-G as an option despite in never being discussed with Senekal Farming, written off as a "mistake" and is never added in any ecological rating	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	The data on Figure 9.8 covers the whole study area. It is not corridor specific and is meant to present back-ground information. This portion of the corridors has, however, not been recommended for further consideration as part of any of the alternatives.
	q) Figure 9.9, 9.10 and 9.11 same as above. Investigating every incorrect map is time consuming. Please take this as applicable to all maps and correct accordingly. It is of utmost importance to receive clarity on this issue.	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	The data on Figure 9.9, 9.10 and 9.11 covers the whole study area. It is not corridor specific and is meant to present back-ground information. This portion of the corridors has, however, not been recommended for further consideration as part of any of the alternatives.
	r) These same comments are applicable to other reports, including the iPhiva Substation placements in the iPhiva MTS Draft Scoping Report. Substation sites that are indicated on Senekal Familie Boerdery's land were never offered as such or are incorrectly indicated. With the documents reaching application status this urgently needs to be corrected lest it is placed on record as correct. Despite us pointing this out to Eskom several times it is being ignored, leading us to believe that Eskom is acting in bad faith with the application by writing	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	

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	off our comments as a mistake on their part, yet still including it in the applications. We deserve clarity on the issue.			
	s) As far as the minutes document regarding the meeting at Ghost Mountain (29032017) in which Mrs Shinga clearly stated that the addition of line C-G was a mistake, this is not reflected in the minutes and therefore this document is also factually incorrect. I did ask for the C-G to be removed, to which Mrs Shinga responded that Eskom will comply to our request of removing their mistake, yet this was not minuted. The glaring omission of discussing option C-G in any report creates confusion as to why it is included on all maps, yet never discussed or ranked in the Nako Iliso reports? Seeing that we are reaching application status this option needs to be clearly addressed as it influences every published report. It is clearly stated in the minutes that the connection between sites C and the existing line can be removed, thereby creating the impression by implication that corridor C-G is not viable seeing that other lines will be removed along this section, but never is the no-go option for C-G stated in any document. We would like to obtain clarity on this issue.	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	
	t) The only report where we find reference to route C-G (albeit not clearly stated) was in the Digby Wells Fauna and Flora Baseline Input report, correctly	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	

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	<p>classifying line C-G as a major impact with high sensitivity. This report, however, does not list the fact that Zimanga will be proclaimed as a Protected Area in the next few months, and rates its Protected Area impact sensitivity as low despite the EKZNW Board having taken the decision that the reserve be proclaimed as a nature reserve with the highest level of protection. The NPAES sensitivity table 2.11 does not take into account that Zimanga is the only remaining link between all other protected areas within this part of the province, and incorrectly states the routes C-G as no interaction and low sensitivity, despite it being among the highest levels of sensitivity in the province. This needs to be addressed before final application. The NPAES of line C-B is rated as high, but despite proposed lines C-G and C-D occurring on the exact same game reserve with the exact same constraints that pertain to line B-C the impact of these routes are rated as low.</p> <p>The report therefore contradicts itself. We would like to place on record that this entire section C-G runs through the middle of Zimanga Private Game Reserve and will literally cut the reserve in half, together with associated habitat destruction, critically endangered species nest destruction, destroying a wetland registered as of National</p>			

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	Importance and destroy the entire business and livelihoods of employees on the game reserve			
	u) As with previous environmental scoping reports we are placing on record that no representative from Digby Wells ever contacted any representative from Zimanga or Senekal Farming to obtain information for their report, making us question the validity and objectivity of the report. This is especially of concern where a large and entire section of the proposed line runs across a single property, indicating a clear lack of research on behalf of the report writer, as emails or phone calls are a minimal expense to incur in order to obtain correct information. As with our previous successful appeal against the first application this discredits the report in its entirety and it needs to be re-submitted with factual input included.	08 October 2017	Mr Charl Senekal Senekal Familie Boerdery	
50	Thank you for informing Amafa. You are required to create a formal application on the SAHRIS facility accessed on the SAHRA website www.sahra.org . Please upload the Draft Scoping Report on which to comment in the Additional Documents field. You are required to ensure that your application includes the following prerequisites: <ul style="list-style-type: none"> • Site photos showing the development footprint and the surrounding landscape. These should be uploaded in the case images field in LPG, JPEG, PNG or GIF format 	16 October 2017	Ms Bernadet Pawandiwa Amafa/Heritage KwaZulu-Natali (Email)	These comments were noted, with thanks.

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	<ul style="list-style-type: none"> Map showing development footprint. Use the map provided to draw the route of the area of proposed development or alternatively upload a kml file of the proposed site and alternatives. Proof of payment to be uploaded in the Proof of payment field. Amafa charges handling/ processing fee since April 2010. The fee is currently R700. <p>Please contact the Administrator, Ms Weziwe Tshabalala should you be in need of more information on the fees.</p>			
51	<p>a) Please see the emails below and the attached corridor map for the proposed power lines. My understanding is that the eastern corridor is a 2km strip next to the N2 where the current power lines run.</p> <p>The alternative option western corridor (which they didn't indicate on the attached map) may impact the TRRE because it may be visible in Mduna/lphiva.</p>	13 October 2017	Mr Len Lieberum Khanyisa Africa Consulting Electrical Engineers cc	<p>Eskom is requesting authorisation of a 2km wide corridor within which a 55 m servitude can be negotiated within which the 400 kV powerline can be constructed.</p> <p>I have asked our GIS operator to generate a figure with lphiva-Duma West on it and will send to you as soon as it is ready.</p>
	<p>b) Are you looking at building both power lines or are you looking to build one or the other East or West?</p>	16 October 2017	Mr Len Lieberum Khanyisa Africa Consulting Electrical Engineers cc	<p>Eskom will only construct one of the powerlines. We are comparing the two options (west and east) in order to find the one that will have the least environmental impact.</p>
	<p>c) Thanda would like to lodge an objection to the eastern option. Is there a specific document to use?</p>	17 October 2017	Mr Len Lieberum	<p>No, there is not a specific document/form. You can just write an email to me.</p>

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			Khanyisa Africa Consulting Electrical Engineers cc	
	d) On behalf of our Client, Royal Thanda, we lodge an objection to the construction of the overhead line, designated East Option, as shown on your diagrams.	17 October 2017	Mr Johan Wessells Khanyisa Africa Consulting Electrical Engineers cc	The receipt of this comment was acknowledged.
52	<p>She submitted the following comments:</p> <ul style="list-style-type: none"> • She generally supports the specialist studies proposed. • The technical reason for discarding some of the Iphiva Substation sites is not clear in the report. I will edit this to provide clarity (i.e. if the substation is located too far from the area that is being supplied with electricity, then the losses of current to distributing the electricity from the substation to the end user is unacceptably large). Eskom – please edit if I have misunderstood. • Besides the point above, her other comments do not require any changes to the Scoping Reports, but are rather for consideration in the specialist studies and impact assessment. • She would have preferred to see more alternatives being taken through to the specialist studies and Impact Assessment phase, but acknowledges the 	17 October 2017	Ms Dinesree Thambu Ezemvelo KZN Wildlife Telephonic Submission	These comments were acknowledged. At the time of submission of Final Scoping Report, the discussions and proposals for a meeting date with EKZNW was in progress.

No	Comments/ Questions	Date received	Origin	Responses
	<p>2014 Regulations that imply only one site/corridor is "approved" in Scoping and accepts the two that we have. She suspects similar comments from other colleagues. We will address them as they arise. We discussed the possibility of introducing additional totally new sites, but, as this would require re-doing or revising the Scoping Report, it was not pursued.</p> <ul style="list-style-type: none"> • She recommended that we meet with them again to discuss the Hluhluwe-Umfolozzi Park and associated Biodiversity Economy Nodes that are being discussed in the Department. I welcomed this meeting, and we will agree on a mutually suitable date. Relevant specialists (ecology, avifauna, social, economic?) will be invited to attend this meeting. 			

5.3 Comments received after the submission of Final Scoping Report

Table 3: Comments received after the submission of Final Scoping Report

No	Comments/ Questions	Date received	Origin/Name/Property Details	Responses
1	<p>1. The maps on the Environmental Impact Report must illustrate:</p> <p>a. The environmental sensitivities identified superimposed onto the proposed corridor alignments; and</p>	23 October 2017	Ms Dinesree Thambu Principal Planner Ezemvelo KZN Wildlife (EKZNW)	<p>These comments from EKZNW were acknowledged with thanks.</p> <p>1 (a) The request was noted for the Draft EIR compilation.</p>

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	<p>b. Existing powerlines, existing powerline servitudes, existing pipelines and roads. The proposed powerline should be on existing disturbances as far as possible to reduce impacts.</p> <p>2. The .shp files in decimal degrees or. kml files for the existing powerlines must be provided to Ezemvelo when the EIAR is ready for review.</p> <p>3. Contact be made with Bat Interest Group of KwaZulu-Natal, for local bat info: Kate Richardson ejrichardson@worldonline.co.za</p> <p>4. Local experts (for all ecological, fauna and flora specialist studies) be consulted, given that the specialists appointed to undertake the assessment are not from KwaZulu-Natal; and</p> <p>5. A meeting be held to discuss the Hluhluwe-Imfolozi Park and associated Biodiversity Economy nodes that is currently being discussed within our offices. This meeting should be attended by relevant specialists (e.g. ecology, avifauna, social, economic) so that appropriate questions can be raised and addressed, and that contacts can be made to source local information.</p>			<p>1 (b) This comment was noted. The proposed infrastructure will follow areas which are already disturbed, where practically possible.</p> <p>6. The format of shapefiles was noted for future submissions, including Draft EIR.</p> <p>7. Kate Richardson was contacted on the 18/12/2017 for comment, she advised she is no longer with the KZN bat group. The final specialist report will be circulated for comment to the rest of the Bat Group.</p> <p>8. The draft specialist and EIA Reports will be available for local experts to comment on during the public comment period. EKZNW is welcome to forward the documents to the experts of their choice.</p> <p>9. A meeting was held with EKZNW to discuss the Hluhluwe-Imfolozi Park and associated Biodiversity Economy nodes on 08 November 2017. A record of comments raised is also captured in this Comments and Responses Report.</p>
6	<p>Avifauna within the Iphiva-Duma proposed corridors appears to be a red flag. It needs the input of specialist studies.</p> <p>Ms Longmore advised that it would be preferable for the project to be implemented as far away from the Park as</p>	08 November 2017	Ms Jenny Longmore EKZNW FGM	Ms Calmeyer indicated that an Avifaunal Specialist was appointed to conduct specialist studies for the proposed project.

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	possible as there are also international obligations to be met in responsibly conserving the Park. There is also a 5km de facto buffer around the Park that automatically triggers an EIA, and the site for the Duma Substation which already has environmental authorisation is well within the 5km buffer, and the western corridor of Iphiva-Duma is also within the 5km buffer.			
7	Ms Longmore asked if Iphiva-Duma east and west corridors were the only options for the powerlines to traverse without affecting HiP and its surroundings?	08 November 2017	Ms Jenny Longmore EKZNW FGM	Eskom and the EAP started by looking at all possible technical feasible and viable corridors from Iphiva to Duma. I&As were also invited to make proposals. The outcome of the Scoping process was that Iphiva-Duma West and East were the technically and environmentally most feasible alternatives. These were investigated further in the specialist studies and impact assessment.
8	Ms Thambu asked if there are no existing servitudes that the powerlines can follow?	08 November 2017	Ms Dinesree Thambu EKZNW FGM	Alternative corridors do follow existing servitudes wherever they exist. Part of Iphiva-Duma East is along and existing servitude. The comparative assessment of alternatives will not, however, assume that the existing servitude is the best option.
9	Ms Thambu asked if the pylons can carry more than one (1) line.	08 November 2017	Ms Dinesree Thambu EKZNW FGM	Mr Bailey stated that the pylons can carry more than one (1) line.
10	Ms Longmore asked if any of the proposed corridors have the potential to be moved?	08 November 2017	Ms Jenny Longmore EKZNW FGM	If new alternatives are entertained after the approval of the Scoping Report then these will have to go through a public comment period. i.e. part fo the Scoping Phase will have to be re-done. This will have cost implications

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				and result in delays in the implementation fo the project. However, if the EKZNW has any recommendations for corridors that present a better alternative, tehn Eskom and the EAP, will consider incorporating them intothe project. The EAP requested that this information be provided as soon as is possible.
11	Ms Thambu indicated that EKZNW has noted that all the specialists appointed for the project are not from KZN, hence it is advised that the project specialists engage with EKZNW local specialists before finalizing their specialist reports.	08 November 2017	Ms Dinesree Thambu EKZNW FGM	The EKZNW is welcome to forward the draft specialist and EIA reports to specialists of their choice during the public comment period.
12	Ms Longmore indicated that there is a landing-strip within HiP and a helicopter pad that needs to be borne in mind when finalizing which corridor is best for the powerlines. She indicated that there is a safety issue with having powerlines where helicopters are used for monitoring black rhino poaching.	08 November 2017	Ms Jenny Longmore EKZNW FGM	All known landing strips and helicopter pads have been mapped and are taken into account when planning powerlines.
13	Ms Thambu further stated that the same applies for private game farms who use helicopters and drones for anti-poaching activities. The potential impact of powerlines on drones used for anti-poaching activities needs to be assessed and added on the terms of reference for the specialist studies.	08 November 2017	Ms Dinesree Thambu EKZNW FGM	Comment noted with thanks. The risk of collisions with powerlines is noted and taken into account.
14	Ms Jenny Longmore asked which landowners have been consulted in the study area.	08 November 2017	Ms Jenny Longmore EKZNW FGM	As many landowners as possible, including 31 Traditional Councils within the study area were consulted during the Scoping Phase.

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15	Ms Longmore asked if a viewshed analysis was done for the project and asked about the height of pylons. She stated that visual intrusion in wilderness areas will be problematic because by definition, wilderness areas should have no trace of manmade structures.	08 November 2017	Ms Jenny Longmore EKZNW FGM	Yes. The visual specialist has undertaken viewshed analysis. The results are presented in the Visual Specialist Study and EIA Report.
16	Ms Longmore asked whether the project in the long-term may attract development around HiP due to having Duma substation, hence the prospect of electrifying other industries.	08 November 2017	Ms Jenny Longmore EKZNW FGM	Mr Bailey stated that Duma substation will be very low-key with no reticulation. It is mainly for the use of Transnet. The Transmission powerline will provide electricity to areas far north of the Duma Substation.
17	Mr Klopper said that the farmers have a good working relationship with Eskom regarding maintenance. The impact of a powerline on forestry is severe because the entire servitude is lost, and there are additional impacts such as visual, fires, safety of small aircraft, access roads, etc. How will the proposed project impact protected areas?	22 November 2017	Mr Hendrick Klopper Owner: Bakenkop Moolman Farmers' Association FGM	The comment on the relationship between farmers and Eskom was noted, with thanks. These issues have been considered in the specialist investigations. The project will attempt to completely avoid protected areas.
18	Mr Klopper stated that powerlines that traverse through forestry areas impact on the fire breaks that are required. Most farmers do not get compensated for additional fire breaks. The area has a Forest Protect Organisation (FPO) and he requested that Eskom be a contributing member of the FPO.	22 November 2017	Mr Hendrick Klopper Owner: Bakenkop Moolman Farmers' Association FGM	The EAP has included that Eskom being a contributing member of the Fire Protection Organization as a requirement of the Environmental Management Programme.
19	Mr Klopper asked what is the process that should be followed by farmers in maintaining contact and with whom should they liaise with.	22 November 2017	Mr Hendrick Klopper Owner: Bakenkop	The contact person is Mr Joseph Masilela and his contact details were provided. Comments can be sent via e-mail or any other means of communication. All parties that

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	Where should comments be sent to and what issues should be raised?		Moolman Farmers' Association FGM	<p>have signed the attendance register for the Focus Group Meeting will be registered on the I&AP database, and will receive all future project communication. Individual farmers were encouraged to submit any comments by 7 December 2017 to be considered in the integration process and included in the Draft EIA report.</p> <p>Farmers were encouraged to raise any matters of concern to them. Although potential impacts on forestry such as fires and the risk to the use of small aircrafts are thought to be understood and have been documented on the Scoping Report, it is still recommended that farmers record their individual concerns and issues.</p>
20	Mr Joubert asked whether the power supply in the area will be affected when the new powerline is connected to the Normandie Substation.	22 November 2017	Mr P Joubert Owner: Chopalog Property Moolman Farmers Association FGM	At this stage it is difficult to know if any of the lines will be affected. It is going to depend on the line route and termination point at the substation. Only lines where there will be line crossings will be directly affected during stringing of that particular section (crossing). This information will only be available during the design stage when the route has identified. Depending on the configuration of the affected network, supply can be restored from the interconnecting networks.
21	Mr Eckard Hiestermann referred to a meeting that was held at his farm in September 2017. He indicated that he is still waiting for feedback on two (2) issues that were discussed at that meeting.	22 November 2017	Mr Eckard Hiestermann	Mr Hiestermann will be engaged during the public meetings of the Draft EIA report review in order to follow up on these issues as there were no records reflecting these issues.

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			Manager: Sandbank Boerdery Normandie Moolman Farmers Association FGM	
22	Mr Andre de Waal asked which route is preferred at the moment.	23 November 2017	Mr Andre de Waal Owner: Lodenwykshart Normandie Substation Site Visit	Ms Calmeyer responded that it will only be possible to make a recommendation once the specialist studies have been completed. (Normandie-Iphiva 2, with a deviation, has been recommended for authorisation in the EIA Report).
23	Mr Pieter Keeve asked where the Draft Scoping Report was made available for public comment.	23 November 2017	Mr Pieter Keeve Group Manager: Forestry TWK Agri (Pty) Ltd. Normandie Substation Site Visit	Hard copies of the draft scoping report were available at the public libraries in Piet Retief, Pongola, Mkhuze and Hluhluwe. The documents were also made available on the NAKO ILISO website.
24	Mr Klopper stated that Mpumalanga has structures in place which facilitate communication with land owners in the area. He requested Eskom to recognize these structures and use them to as a communication channel with the farmer. He indicated that it is a major concern that even Mr Arthur Smith, who is a Representative of Eskom at Piet Retief did not know about the project.	23 November 2017	Mr Hendrick Klopper Owner: Bakenkop Normandie Substation Site Visit	Mr Smith was included on database and has been kept informed of project progress including notification of meetings for the review of Draft EIA Reports.
25	Mr Andre de Waal asked whether a walk down of all the 2 km wide corridors is undertaken for the EIA.	23 November 2017	Mr Andre de Waal Owner: Lodenwykshart	The specialist studies do not include a walk-down that covers the full 2 km wide corridors of all alternatives. The specialist start by undertaken desktop assessments of

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			Normandie Substation Site Visit	existing information and data, and from this they identify the sections of the corridors that they focus their fieldwork on. During the EIA phase of the project, the EIA team recommends which corridor is the Best Practicable Environmental Option. After the DEA has issued an Environmental Authorisation for the corridor that has been chosen, Eskom will negotiate and survey the actual servitude, and then design the powerline. Before construction commences, ecological and heritage specialists will undertake a walkthrough of the entire servitude and verify any site-specific impacts, specifically of the tower foundation footprints. It is still possible to implement minor amendments to the powerline at this stage, such as moving a particular tower to avoid an impact, such as a grave.
26	Mr Andre de Waal emphasized that both the Normandie-Iphiva 2 and Normandie-Iphiva 3 corridors traverse his property where he actually lives. He expressed dissatisfaction with the communication that has taken place to date, as he believes it would have been easy to identify his property and come to his house to engage with him. Mr de Waal further stated that the loss that they are going to experience will be massive, as their forestry, irrigation and grazing that will be affected. He	23 November 2017	Mr Andre de Waal Owner: Lodenwykshart Normandie Substation Site Visit	The EIA includes an agricultural specialist study that specifically considers the impacts on farmers. The economist is focusing on the monetary value of the visual impact on the eco-tourism sector. The actual evaluation of the impacts on individual landowners only gets done during the negotiation phase and not during the EIA. Farmers should not expect value for their loss/compensation to come out of the EIA process.

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	stated that if cattle stay under powerlines for a long period, they become sterile.			
27	Mr J.P du Toit asked about noise pollution, health hazards and the visual impacts of living close to powerlines.	23 November 2017	Mr JP du Toit Owner: Toolie Estates (Pty) Ltd. Normandie Substation Site Visit	Visual impacts have been assessed in the Visual Specialist Study. Considerable international research has been undertaken on the health impacts of powerlines and that Eskom adheres to international health and safety standards.
28	Mr Pieter Keeve asked whether there is an alternative substation to Normandie that Eskom can use to upgrade the Northern KZN grid.	23 November 2017	Mr Pieter Keeve Group Manager: Forestry TWK Agri (Pty) Ltd. Normandie Substation Site Visit	Various alternatives were investigated during the planning stage and Normandie substation was the preferred solution based on technical and economic aspects. It is the closest connection point to the Mpumalanga generation pool, resulting in lowest network losses and highest power transfers.
29	Mr Andre de Waal asked when will the final decision regarding the most practical corridor be taken.	23 November 2017	Mr Andre de Waal Owner: Lodenwykshart Normandie Substation Site Visit	The Department of Environmental Affairs makes the final decision. If there are no delays in the EIA process then the Environmental Authorisation should be issued in October 2018.

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30	<p>Mr Hendrick Klopper indicated that the economic impacts on the study area will be the land use change, hence studies should be conducted to indicate what loss the farmers will be subjected to. Land use change is a long-term impact, hence future losses must also be taken into account. HK requested that Eskom considers renting or leasing the property and compensating farmers for the future loss.</p> <p>He re-iterated that for forestry, and irrigated essential oil trees, the loss to the farmers should be calculated.</p>	23 November 2017	<p>Mr Hendrick Klopper Owner: Bakenkop Normandie Substation Site Visit</p>	<p>Ms Calmeyer stated that for powerline servitude, Eskom does not acquire the land, they acquire a servitude or right to use and access that land, and they compensate farmers for their loss.</p>
31	<p>Mr Andre de Waal asked whether Eskom is willing to put up a power station powered by timber. The farmers said that they will supply Eskom with the timber. If renewable energy is available closer to where the power supply is needed, it can be an option that can be investigated; Eskom would not need to put up powerlines. He also asked whether alternatives like solar and bio-fuel have been considered by Eskom as alternative means to generate electricity supply.</p>	23 November 2017	<p>Mr Andre de Waal Owner: Lodenwykshart Normandie Substation Site Visit</p>	<p>Ms Calmeyer confirmed that the issue of using bio-fuel as an alternative has been raised although not specifically wood.</p> <p><u>Post Meeting Note:</u> <i>It was explained that the query should be directed to the Department of Energy (DoE) who is responsible for policy implementation, energy planning and decisions on power generation sources. Eskom Transmission only takes responsibility for the electricity grid.</i></p> <p><i>The current project originated from Eskom Distribution in KwaZulu Natal as they requested Eskom Transmission to strengthen the electrical network in the region to address the constraints that are being experienced. Therefore, Eskom Transmission does not have the mandate to</i></p>

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				<p><i>consider generation options as alternatives as part of this project.</i></p> <p><i>Anybody or organisation that wishes to implement a bio-fuel plant can do so through the Independent Power Producer (IPP) process.</i></p>
32	Mr Pieter Keeve asked about the health risks of living close to the powerlines.	23 November 2017	Mr Pieter Keeve Group Manager: Forestry TWK Agri (Pty) Ltd. Normandie Substation Site Visit	Considerable international research has been undertaken on the health impacts of powerlines and that Eskom adheres to international health and safety standards.
33	Mr Hendrik Klopper enquired about the rehabilitation process after construction and the condition that a forestry area will be left in. He also suggested that rehabilitation costs must be included in the project budget.	23 November 2017	Mr Hendrick Klopper Owner: Bakenkop Normandie Substation Site Visit	Each individual landowner will enter into an agreement with Eskom on the state of the servitude on their property after construction. The landowner should have a say on the rehabilitation of their land.
34	Mr Andre de Waal asked whether farmers will be allowed to plant trees that are 1.8 to 2 m high under the Transmission powerlines and whether Eskom would establish such crops for them as part of the compensation package.	23 November 2017	Mr Andre de Waal Owner: Lodenwykshart Normandie Substation Site Visit	Individual directly affected farmers will have to engage with Eskom regarding possible compensation packages during the negotiation process.
35	Mr Hendrik Klopper asked whether a combine harvester could initiate a spark if one harvests under the powerlines.	23 November 2017	Mr Hendrick Klopper Owner: Bakenkop	Land use along the servitude will be considered, including the required ground clearance in areas where combine harvesters are used.

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			Normandie Substation Site Visits	
36	<p>Mr Andre de Waal explained that he already has a 400kV powerline across his property. Eskom switches off the powerline for a certain period of time for fire breaks to be burnt. If multiple powerlines are going to traverse his land then Mr de Waal explained that he would need additional support from Eskom.</p> <p>He recommended that Eskom provide contractors to assist with the burning of fire breaks. He also requested that Eskom be paid up members of the FPO. Eskom and Eskom's contractors also need to comply with the local FDI regulations. This includes having all the required firefighting equipment during the high fire risk seasons.</p> <p>The airfield that is used by small planes to fight fires is located in Piet Retief. It is dangerous to fight a fire in the vicinity of powerlines using planes. Therefore, for such areas, additional resources need to be acquired to manage any fires from the ground. Mr de Waal asked who would cover that additional cost.</p> <p>Mr AC. Heistermann confirmed that they also use the planes to spray their crops, which will not be possible in the vicinity of powerlines.</p>	23 November 2017	Mr Andre de Waal Owner: Lodenwykshart Normandie Substation Site Visit	<p>Comments and concerns have been forwarded to Eskom. Support from Eskom should be negotiated during the negotiation process.</p> <p>It is a requirement of the Environmental Management Programme that Eskom becomes a paid up member of the Fire Protection Organisation.</p> <p>Support from Eskom should be negotiated during the negotiation process.</p> <p>This limitation was noted.</p>

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37	Mr Pieter Keeve advised that there are communities living on the farms that will also be impacted by the powerlines and should be consulted.	23 November 2017	Mr Pieter Keeve Group Manager: Forestry TWK Agri (Pty) Ltd.	This comment was noted, with thanks. It was explained that an effort has been made to consult with communities along the proposed corridors. Eskom will continue to engage the communities on the preferred corridor, should it be authorised.
38	Mr Pieter Keeve asked whether the communities living in the corridors have been notified of the project.	23 November 2017	Mr Pieter Keeve Group Manager: Forestry TWK Agri (Pty) Ltd	The Public Participation team has made an effort to consult with all potentially affected parties including communities within the tribal land. Officials from the potentially affected municipalities were also notified of the process.
39	<ul style="list-style-type: none"> • Noise pollution and health hazards. • Losing a further portion of one's property • Compensation • Effect on local inhabitants • Is this option the cheapest and most economic option for Eskom? • Eye sore 	01 December 2017 Email	Mr JP Du Toit Toolie Estates	<p>Considerable international research has been undertaken on the health impacts of powerlines and that Eskom adheres to international health and safety standards.</p> <p>The visual specialist study presents an assessment of the visual impacts of the proposed powerlines.</p> <p>Compensation will be negotiated with individual affected landowners after the EIA during the Negotiation Process.</p>
40	Thank you for the meetings held on 08 November 2017 and 13 December 2017 (as well as several e-mail and telephonic communications held in between) to address recommendation 5 of our correspondence on the Draft Environment Scoping Reports, dated 23 October 2017 (i.e. that 'A meeting be held to discuss the Hluhluwe-Imfolozi Park and associated Biodiversity	14 December 2017 Email	Ms Dinesree Thambu EKZNW	EKZNW submission was included in the letter submitted to DEA requesting an extension. The extension of time was granted.

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	<p>Economy Nodes that is currently being discussed within our offices').</p> <p>Stemming from the investigations undertaken to prepare for these meetings, the following information is pertinent: EKZNW has consistently highlighted the ecological and conservation significance of the area surrounding Hluhluwe-Imfolozi Park (particularly the southern area). This is evident from the following:</p> <p>a) In 2015, Ezemvelo commented on EIA14/12/16/3/3/2/632: DUMA 400kV Main Transmission Station and Associated 88kV and 400kV Turn-in Power lines. In our correspondence of 04 June 2015 Point 1 highlighted the potential impacts to protected areas and future expansion opportunities (see attached letter). Ezemvelo never objected to the application:</p> <p>i. Given that it was unlikely that more lines would be required (i.e. further impacts) as the motivation for the project was solely based on the need for Transnet to upgrade the power supply to various traction substations between Ermelo and Richards Bay to facilitate the introduction of new larger locomotives (to increase the volume of coal to be transported and exported). There was no mention or indication that this substation would need to</p>			

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	<p>provide any other function/service (see extract from the Duma BAR attached); and</p> <p>ii. Due to the limited disturbance and localised impact to an already impacted area. In addition, on 09 June 2015, a map illustrating the conceptual area for Hluhluwe corridor was supplied in response to this project.</p> <p>b) In addition to point (a) above, it was discovered earlier today (14 December 2017) that in 2011, Ezemvelo commented on EIA12/12/20/2029: Camden-Mbewu (Theta) Power line from Ermelo (Mpumalanga) to Empangeni (KZN). Ezemvelo did not support any alignments that would foreclose on opportunities for securing important habitats for the purposes of biodiversity conservation, as well as impact upon movement corridors/ecological linkages. See the letter attached, as well as the image labelled Preferred Alignment_ CM which illustrates this point.</p> <p>Given that above, and as presented in the meeting of 13 December 2017 (i.e. regarding Rhino Expansion areas, CBAs, avifauna and specifically Vultures, etc.), Ezemvelo strongly recommends that additional alternatives be investigated in the EIA. These alternatives must include inter alia:</p>			

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	<p>1) Alternative sites for Duma Substation, should the applicant wish to use one substation for both projects (i.e. Transnet's project and this one);</p> <p>2) Alternative sites for a new substation to accommodate this project, which must be located outside the CBA areas and Vulture corridors;</p> <p>3) Alternative alignments to reduce impacts to CBA areas and Vulture populations;</p> <p>4) Alternative design options to address recommendation 3 (e.g. multi-circuit and/or burial and/or keep lines adjacent to each other).</p> <p>In addition, Ezemvelo awaits the information requested at the meeting of 13 December 2017, to allow for informed and defensible decision-making. We also look forward to receiving the minutes from the meeting.</p> <p>Should you wish to discuss any of the points raised above or should any further biodiversity issues arise please do not hesitate to contact our offices.</p>			<p>Waiting for Response from Eskom (Jay)</p> <p>Iphiva 6 has been recommended for authorisation.</p> <p>A Deviation to the Iphiva-Duma West 1 corridor that avoids as many biophysically sensitive areas as possible, including CBAs and area of high vulture density, has been proposed and recommended for authorisation. Buried and multi-circuit powerlines have been assessed, and will be used wherever practical and viable.</p> <p>Minutes of the 13 December 2018 Focus Group Meeting were distributed on 17 January 2018.</p>

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41	Ms Thambu requested clarity on the following: With regard to the fourth application for Distribution powerlines, one can assume that it will be dependent on whether Iphiva Substation gets approved. Will the four applications be run concurrently looking at the timelines?	13 December 2017	Ms Dinesree Thambu EKZMW Birds Focus Group Meeting	Yes. One of the reasons for doing 4 applications as one process is due to the inter-connectedness and cumulative impacts that the projects have on each other.
42	Referring to the acceptance letters of the scoping reports received from DEA, Ms Thambu asked who requested authorisation of the footprint (i.e. the location of the powerline within the corridor).	13 December 2017	Ms Dinesree Thambu EKZMW Birds Focus Group Meeting	Eskom usually requests authorisation of corridors and then negotiates a servitude once a corridor has been authorised. Mr Bailey added that servitude negotiation is also dependent on the design of the powerlines. The requirement to specify the footprint is from the DEA.
43	Ms Thambu indicated that both alternatives for Iphiva-Duma West and East are a great concern from a biodiversity economy nodes point of view. In support of Ms Thambu statement, Mr Coverdale raised the potential biodiversity impacts of the project specifically on birds (mostly tree nesting vultures) Black Rhino population and the proposed Biodiversity Expansion Areas. He advised the specialist to avoid Critical Biodiversity Areas (CBAs) taking all the impacts including cumulative impacts into consideration.	13 December 2017	Ms Dinesree Thambu Mr Brent Coverdale EKZMW Birds Focus Group Meeting	Biodiversity Nodes, birds, black rhino, expansion areas and CBAs have been taken into account when identifying least impact corridors and assessing impacts.

No	Comments/ Questions	Date received	Origin/Name/Property Details	Responses
44	d) Ms Thambu suggested the linking of powerlines to other nearby Substations as an alternative to Duma.	13 December 2017	Ms Dinesree Thambu EKZMW Birds Focus Group Meeting	Mr Bengani indicated that Duma Substation is the only Substation that can accommodate a 400kV powerline; the other Substations in the area cannot accommodate the 400kV powerline.
45	Ms Thambu suggested considering a new substation in a less sensitive area that can accommodate a 400kV powerline	13 December 2017	Ms Dinesree Thambu EKZMW Birds Focus Group Meeting	Mr Bengani said once the need for electricity arises, future expansions must be in line with the regulators requirements and the solution must be the least cost solution.
46	Mr Chetty commented on bird collision and Transmission powerlines by stating that for the past 21 years, based on the mitigation measures Eskom employs, only 8 occurrences of an incidence on the mitigated line have been recorded. If mitigation measures are implemented properly, the risk will be minimised.	13 December 2017	Mr Kishaylin Chetty Eskom Holdings SOC Limited	Mr Patton commented in support to Mr Chetty statement that if mitigation measures are done properly impacts will be minimized.
47	Mr Booth asked who was in the group of experts that preferred the Western corridor.	13 December 2017	Mr Jonathan Booth Birdlife SA	Mr Greffrath mentioned the following project specialists that recommended the Western corridor because it has less negative impacts than the Eastern one.: <ul style="list-style-type: none"> • Social Specialist • Agricultural potential Specialist • Heritage Impact Specialist

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				<ul style="list-style-type: none"> • Fauna and Flora Specialist • Avifauna Specialist • Wetlands Specialist • Economics Specialist • Visual Specialist
48	Mr Booth asked who determined the route to be assessed.	13 December 2017	Mr Jonathan Booth Birdlife SA	Ms Calmeyer explained that Eskom, including engineers from KZN that are very familiar with the region, and the Environmental Assessment Practitioner (EAP) identified possible corridors for the powerlines. Mr Bailey added that site selection process started with many corridors, and the corridors with obvious significant issues were discarded leaving those with least impacts for further assessment and consideration.
49	Mr Booth recommended the team to acknowledge mortality rates recorded incidences on powerlines to limit the potential loss based on understanding what development impacts has on the species.	13 December 2017	Mr Jonathan Booth Birdlife SA	This comment was noted by the team.
50	EKZNW had great concerns with the southern section of the Iphiva-Duma 400 kV powerline, and have proposed some possible deviations from the current corridors. EKZNW also expressed a preference for I-D	13 December 2017	Ms Dinesree Thambu Mr Brent Coverdale EKZNW	The deviations agreed to were assessed and are recorded in the Alternatives Chapter in the Iphiva-Duma EIA Report. The Deviation to Iphiva-Duma West has been recommended for authorisation.

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	<p>East in the south (which is contrary to what came out of the specialist's integration meeting). The following are possible scenarios to be considered:</p> <ul style="list-style-type: none"> Starting with I-D West in the north and then crossing over to I-D East between the Manyoni PGR and the Hluhluwe-Imfolozi Park and then linking into an existing power line that connects with Duma east of the substation site I-D West following the existing corridor for 2/3rds of the route and then continuing in a south westerly direction to link in with an existing power line that connects to Duma from the west. I-D East for 3/4s of the existing corridor and then linking into an existing power line that connects with Duma east of the substation site (I am not keen on this option as the northern section of I-D East is problematic). <p>Mr Coverdale extended his appreciation on behalf of EKZNW to the team for acknowledging the issues raised and arranging the meeting.</p>		Birds Focus Group Meeting	
51	I have tabled your response at an internal specialist meeting this morning. Ezemvelo does not accept that a re-aligned east corridor cannot be identified and the rationale to discount this alternative on the basis that it is	21 February 2018	Ms Dinesree Thambu EKZNW	Detailed motivations for the selected and recommended deviations have been included in the EIA Report.

No	Comments/ Questions	Date received	Origin/Name/Property Details	Responses
	<p>'a much longer line'. Given that the proposed powerline will be a permanent feature in the landscape and the high risk that it poses to Hluhluwe- iMfolozi Park and its vulture population, it is imperative that an acceptable alignment that minimises impacts to these critical conservation features is found through this EIA.</p> <p>While every effort will be made to provide you with the information requested below, by this afternoon, please be informed that (should no further conservation acceptable alternatives be identified) Ezemvelo deems that the Duma substation site for this project is fatally flawed (given the rationale provided in our correspondence of 14 December 2017 regarding the application for Duma substation) and it is unlikely that this application will be supported in its current form.</p> <p>A more formal response in this regard will be provided on Friday, 23 February 2018.</p>			This comment is noted.

5.1 List of lengthy submissions received

No	Heading	Notes
1. Manyoni Private Game Reserve		
MPGR Opposition to Eskom Northern KZN Strengthening (16 pages)		Main submission
a)	Appendix 1 – Gazette ZRR Proclamation Notice No.65 (23 April 2009)	Please note: This set of documents is available on the CD version and can be downloaded from the website.
b)	Appendix 2 – Gazette ZRR Proclamation Notice No. 1522 (10 Oct 2015)	
c)	Appendix 3 – Lepidopterists Society of Africa Letter	

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d)	Appendix 4 – MPGR Vulture Incidents	
e)	Appendix 5 – ZAP Wing Opposition Eskom Lines at Manyoni	
f)	Appendix 6 - Heligistix Opposition Eskom Lines at Manyoni	
g)	Appendix 7 – IBA Status	
h)	Appendix 8 – Impact of Transmission Lines on the environment	
2. Mr Charl Senekal, Zimanga Private Game Reserve		
a)	Various correspondence	