

**PROPOSED CONSTRUCTION OF THE 88KV KASHAN SUBSTATION AND ASSOCIATED POWER LINE TO THE EXISTING HEKPOORT SUBSTATION, GAUTENG AND NORTH WEST PROVINCES**

**COMMENTS AND RESPONSES**

COMMENTS, ISSUES AND SUGGESTIONS RAISED	COMMENTATOR	ORGANISATION/ COMMUNITY	DATE	SOURCE	RESPONSE
<b>General</b>					
Mr Majid requested a copy of the locality map for the proposed Eskom power line and substation project.	Mr A Majid	Land Owner (Hekpoort 504 Portion 82, 200)	02 Apr 2014	Telephonic	A copies of the locality maps were sent to Mr Majid
I am writing as authorised representative on behalf of the Poil family who own some of the Hekpoort properties which you have identified in your notice. We were first approached in January of 2011 regarding this matter. We negotiated and signed contracts with an agreed upon R per Hectare price with the then ESKOM representative. Subsequently that representative disappeared. We request that you provide us with copies of the original contracts from which we will then be willing to renegotiate. It seems that your servitude now is larger than previously. I request full details with a map indicating the location of the substation and route the power lines will take. I also require details of exactly what kind of lines you will be putting in their capacity and how much space they take up. I await your response.	Ms G Lee Poil	Representative of the Poil family (Hekpoort 504 Portion 152, 187 & Hekpoort 504 Portion 57, 188, 276)	14 Apr 2014	Email	The contracts (Options) that were signed over two years ago with Nathan Oliphant have expired together with the Environmental Authorisation (EA) dated 31 August 2006. Due to this lapsing of the EA Eskom has instituted this new EA Application for we have included in our route plan two alternative routes including the original approved alignment for which Options were signed previously. Depending on which alternative will be approved by the DEA new valuations of the affected properties will be done Negotiations with the land owners will then be done accordingly based on the new valuation report that will be done by the independent registered valuer/s.
Please be advised that we would like to place on record that we would oppose any new servitude for Eskom based on the following. 1. There is an already existing servitude on our property 472 JQ Portion 230 and	Mr J Kleynhans	Belloord 21CC (Hartebeestfontein 472 Portion 230)	24 Apr 2014	Email	These comments will be taken into consideration by the DEA during the decision making process.

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<p>there is no reason why an additional or new servitude should be implemented.</p> <p>2. The existing servitude can be used and upgraded with the necessary power lines to achieve the same result.</p> <p>3. A new servitude in a different location than what already is in place will infringe greatly on our privacy and rights to our land</p> <p>4. A new servitude will in addition infringe and take up a large portion of our land for which we have planned for new buildings and development use in future.</p> <p>5. A new servitude in a different location closer to our dwelling than what is already in use could have future health implications to our family as a whole.</p>					
<p>Mr Jacques requested that Eskom contact him regarding the previous agreement that was signed for the approved power line.</p>	<p>Mr Jacques Du Plessis</p>	<p>Erlima (Hartebeestfontein 472 Portion 367,343 &amp; 365)</p>	<p>09 May 2014</p>	<p>Telephonic</p>	<p>The contracts (Options) that were signed over two years ago with Nathan Oliphant have expired together with the Environmental Authorisation (EA) dated 31 August 2006.</p> <p>Due to this lapsing of the EA Eskom has instituted this new EA Application for we have included in our route plan two alternative routes including the original approved alignment for which Options were signed previously.</p> <p>Depending on which alternative will be approved by the DEA new valuations of the affected properties will be done Negotiations with the land owners will then be done accordingly based on the new</p>

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					valuation report that will be done by the independent registered valuer/s.
Ms Barre requested a copy of the layout map for the proposed Kashan-Hekpoort power line and associated Kashan substation.	Ms I La Barre	Flexilube	1 August 2014	Email	A copies of the locality maps for the proposed Kashan-Hekpoort power line and associated Kashan substation, was sent to Ms Barre.
This letter serves to inform you that the Department: Integrated Environmental Management (DIEM) of Mogale City Local Municipality (MCLM) would like to register as an I&AP for the proposed construction of the Kashan substation and power the running to the existing Hekpoort substation. You are hereby requested to closely liaise with this office though out the whole EIA process, including the Public Participation Process. Please note that in order for DIEM to provide input, relevant documentation regarding the proposed activity must be forwarded to this office for review and comment.	M Matlhaku	Mogale City Local Municipality	20 May 2014	Email	Mogale City is a commenting authority on the proposed project and has received all correspondence related to the proposed power line and substation.
With reference to our correspondence re the registration of a Servitude by Eskom. Our operational people in Gauteng will accompany your designated people to our site on our Farm Hekpoort, to do a physical inspection of the requirements and impact of the Eskom Power line to be "crossing" our farm and to determine if these will in any matter affect our Farming operations. Can your designated person please make contact with our Mr. Christo Visser (Regional Farms manager : Gauteng)	Mr C Visser & Mr F du Bois	Quantum Foods (Pty) Ltd	16 April 2014	Email	Mr. Christo Visser was registered as an I&AP and was informed of the proposed project. Mr Visser confirmed that the proposed line would not impact on the Nulaid operations as the line alignment is along the main road.
I am a property owner in the area (Portion 27 Hekpoort) and fully support	Mr G Harley	Land Owner (Portion 27 Hekpoort)	19 May 2015	Email	Your comments are noted and will be included in the FBAR to be submitted

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the objections to the proposed substation location, as per document DEA REFERENCE NUMBER: 14/12/16/3/3/1/1273, and in full agreement that the alternatives proposed are viable and will serve the community in a much better manner.					to the DEA for decision making.
Please would you forward further information as to how, exactly, this power line and proposed substation will encroach on our farm, Portion 144 of the farm Bultfonein 475 JQ and Portion 392 of the farm Hartebeesfontein 472 JQ. On the attached Map please advise what the letters represent, as letters D C U T are all on our farm. In your letter dated March 2014 you state that you would require 1 hectare to be cleared. We are running a working farm and would need to be clear on where, exactly this hectare would be cleared – if it does affect our farm. Thanks and I look forward to hearing from you.	Ms V Laverge	Land Owner (Portion 144 of the Farm Bultfonein 475 JQ & Portion 392 of the Farm Hartebeesfontein 472 JQ)	03 Jun 2014	Email	A locality map with the proposed alignments for the Hekpoort-Kashan power line were forwarded onto Ms V Laverge
Mr P Bulterman requested a brief summary of the project and a copy of the layout map for the proposed Kashan-Hekpoort power line and associated Kashan substation.	Mr P Bulterman	Barloworld-Equipment (Bultfontein 457 Portion 141)	19 Jun 2014	Telephonic	A summary and map was sent to Mr Bulterman. The information was also included in Section A of the Final BAR.
Further to our telephone conversation of today. Re: Hartebeesfontein 472 portion 230. I would like to add to my previous objections to this new power line on my property the following: a. This area is already a Nature Conservancy. b. This new power line will greatly reduce	Mr J Kleynhans	Belloord 21CC (Hartebeestfontein 472 Portion 230)	26 Jun 2014	Email	The objections and concerns will be taken into consideration by the DEA when making a decision on the EA application. The power line will be supported by monopole structures that will have lower visual impacts than the larger pylons.

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<p>the value or reselling value of our property.</p> <p>c. The new proposed power line and larger pylons will also impact on our view of the Magalies Mountains, one of the reasons we bought this property was for this beautiful view from our home and property.</p> <p>d. Our dwelling is a double storey house with a Thatch Roof and because of the risk of fire we have to upkeep the area around our home to ensure and reduce our risk of fire. On previous occasions, breakages in the existing power line caused fires further down our land. If we allow a new power line which is closer to our dwelling we open ourselves to a greater risk and therefore a huge additional cost to us would have to be incurred on-going year after year.</p>					
<p>Please take note that we will not allow any further servitude on our property or the building of any pylons on such property for all reasons set out hereunder and in previous correspondence:</p> <p>Further and in addition, a servitude of width of 31 meter and the distance of 55m separation between different lines will mean a servitude that will take up an extreme large portion of our land which will mean an extreme decrease in our property value more than we originally thought. This property is only on average 100 meter in width and 670 meters long and allowing a servitude that would take up almost a third of our property in</p>	Mr J Kleynhans	Land Owner (Hartebeestfontein 472 Portion 230)	36 June 2015	Email	<p>The objections and concerns will be taken into consideration by the DEA when making a decision on the EA application.</p> <p>Both proposed alignments will be considered by the DEA.</p>

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<p>addition to the existing power line servitude is not acceptable. We've noticed that there is a second alternative route on the proposal which follows the old unused derelict railway line and would like to comment that this route would be a far better alternative as it also does appear that the cost in the alternative to Eskom would be far less than the original proposed route.</p>					
<p>In response to your letter received, I Louis Erasmus would like to inform the writer and partners that no more Eskom lines may be built on my farm. Currently there are already three (3) 11KV lines that run through my farm and obstructing the view of the mountains. Currently portion 183 of the farm 504 is not only for farming, but is operational as a function venue, and mountain bike rides flock to this venue on weekends for the beautiful view. Hot air balloons come very close and this is what day visitors want to see and experience. Please also clarify if there is going to be a 132KVA line or a 132 KV line? My suggestion will be underground cables through my farm? If possible kindly provide plans for the long term goals for the lines, for the fact that Hekpoort is not an Industrial area but a farming community. I will oppose any residential applications in this area as well.</p>	Mr L Erasmus	Land Owner (Hekpoort 504 JQ Portion 183)	30 Jun 2014	Email	<p>The installation of underground cables is unfeasible due to the high risk of cable theft as well as the financial implications due to higher installation and maintenance costs. The objections were addressed in the Final BAR as well as the Visual Impact Assessment Report prepared for this EA application.</p> <p>All comments and objections have been included in this CRR and have been submitted to the DEA for decision making. The DEA will take these objections and comments into consideration when making a decision to grant or refuse the EA The proposed development is not anticipated to pose any threat or danger to ballooning activities that take place in the area. The closest ballooning activities are 7 km north and 22 km south of the line. Please also note that there are many other power line structures of similar dimensions that already exist in this area that do not add risk to hot air ballooning activities.</p>

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					With regard to the queries regarding underground cables and further plans for long term goals for the lines, goes beyond the scope of this EA application. The comments have however been brought to the attention of the Eskom representative.
Mr. Louis Erasmus from the farm portion Hekpoort 183 objects to the power lines from a visual perspective. He said he will be putting his objectives on an e-mail. For the interim please log this concern.	Mr L Erasmus	Land Owner (Hekpoort 504 JQ Portion 183)	04 Jul 2014	Telephonic	The objections were noted and will be included in the FBAR to be submitted to the DEA for decision making.
I have received 2 concerns regarding the new Eskom substation and power line – Kashan Project. The I&APs are not very happy with the location of the substation and would like to know why Eskom is planning the substation so far away from the area that will be developed. Could you please send me a map indicating the location of the substation and the alignment of the power lines? If possible could you also give me a brief project explanation?	Ms Y Martin	Newtown Landscape Architects	07 Jul 2014	Email	Copies of the locality maps were sent to Ms Y Martin. An explanation was given that Eskom has indicated that the position of the substation was moved from next to the proposed Vogelsang development, to a point further west to accommodate future development in the area. The project explanation requested was addressed in Section A of the FBAR.
We would appreciate it if you could send us a diagram of the exact routing of this project.	Ms J Horner	PA to Antony Ball Land Owner (Bultfontein 457 Portion 141)	07 Jul 2014	Email	A copy of the proposed preferred and alternative routes and placement for the Kashan-Hekpoort power line and Kashan substation was sent as requested.
Request was made for a map of the various route options and the properties through which it is going. He stays on a farm called Figtree.	Mr AC Ball	Land Owner (Bultfontein 457 Portion 141)	08 Jul 2014	Telephonic	A copy of the proposed preferred and alternative routes and placement for the Kashan-Hekpoort power line and Kashan substation was sent as requested.

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Mr Rapula mentioned that he had received approval from the Department of Rural Development and Land Reform to start an agricultural business and would like to proceed with his plans. However, he is concerned about Eskom's intentions and the possible implications of the power line on his business and requested a map indicating the two alternative alignments of the proposed Kashan power line proposed by Eskom.	Mr S Rapula	Land Owner (Hartebeestfontein 472 Portion 177)	28 Aug 2014	Telephonic	A copy of the proposed preferred and alternative routes and placement for the Kashan-Hekpoort power line and Kashan substation was sent as requested.
Is the Department of Public Works a directly affected land owner?	Ms B Musvoto	Land Owner (Department Public Works)	10 Apr 2015	Telephone	The Department of Public Works is a directly affected land owner for farm; Hekpoort 504 JQ 356 and an adjacent land owner for farm Vogelzang 429 JQ 1. (A copy of the title deed was sent to Ms Musvoto)
Herewith, my objection to the construction of a new 88KV power line between the existing Hekpoort Substation to the new Kashan Substation. <ul style="list-style-type: none"> <li>The proposed route along the R563 will go through my garden as well as part of my residence, which is absolutely not acceptable.</li> <li>Please note that the portion number 466 in your basic assessment report was a temporary number during subdivision. The new permanent number is now Portion 470 of Hekpoort 504 JQ. I also draw your attention to the fact that portion 470 is a corner portion and among the most valuable in Hekpoort.</li> <li>I received your notification by registered post on the 24th of March</li> </ul>	Mr J W Roeloffs	Land Owner (Hekpoort 504 JQ Portion 470) - (subdivision Portion 466)	13 Apr 2015	Fax	Due to a number of factors (information from various stakeholders, such as yourself, during this basic assessment process) the power line route along the railway line has been included as a viable alternative. The compilation and public review of the Draft BAR is part of the public participation process as prescribed by Chapter 6 of GN R 543. It is meant to be a discussion document that presents the relevant information to I&APs (including land owners) that will allow them to make a meaningful contribution based on the facts presented. Section C of the Final BAR provides a summary of the steps taken during

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<p>2015. I finally got hold of your Draft Basic Assessment report. What I do not understand is why such an enormous report was made before consulting the farm owners.</p> <ul style="list-style-type: none"> <li>Consider the route along the railway line. This route will cross my Portion 472, to which I will not object to.</li> </ul>					<p>the public participation process for this EA application.</p>
<p>Opposed to this project for the following reasons:</p> <ul style="list-style-type: none"> <li>The Municipality already owns land, which will be closer to intended development</li> <li>Will cross the Magalies River that will lead to the destruction of natural forest and environment.</li> <li>Will obstruct view from my home.</li> <li>Safety hazard and threat to the hot air ballooning activities.</li> <li>Utilising arable land that will negatively impact on my farming activities.</li> <li>Relocating and re-routing the line and substation the environmental impact and footprint can be reduced.</li> </ul>	Mr N Cronje	Land Owner (Hekpoort 504 Portion 96, 178, 179 & 183)	13 Apr 2015	Telephonic	<p>The nature of the power line and associated structures is such that the impact on the Magalies river will be negligible.</p> <p>Section D of the Final BAR provides an impact assessment and mitigation measures for the impact on the line on ecosystems and habitats.</p> <p>The Visual Impact Assessment compiled for this project has been included in the Final BAR.</p> <p>It was established that the hot air balloon take off site is approx. 7km east of the proposed alignment of the power line and the landing site is in the Pilanesberg Game Reserve.</p>
<p>Mr Selebi requested more information on where and which stage of the project is because he wants to start an agricultural business. He also wanted to know if there are available land which can be purchased if they are moved and will the government compensate them.</p>	Mr R Selebi	Land Owner (Hartebeestfontein 472 Portion 177)	14 Apr 2015	Telephonic	<p>A map indicating the two alternative alignments of the proposed Kashaan Power line proposed by Eskom was sent to Mr Selebi.</p>
<p>I hereby request that I be registered as Interested and Affected Party on this project. I am the owner and affected party representing the following properties:</p>	Mr JC Cronje	Land Owner (Hekpoort 504 Portion 96, 178, 179, 186)	16 Apr 2015	Letter	<p>The Visual Impact Assessment compiled for this project has been included in the Final BAR.</p> <p>The proposed development is not anticipated to pose any threat or</p>

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<ul style="list-style-type: none"> <li>• Section 186 Hekpoort JQ504</li> <li>• Section 96 Hekpoort JQ504</li> <li>• Section 178 Hekpoort JQ504</li> <li>• Section 179 Hekpoort JQ504</li> </ul> <p>I am opposed to this project for the following reasons:</p> <ul style="list-style-type: none"> <li>• From a visual perspective the selected site will have a severe visual impact as is located in the eye on the corner of forking roads, whereas there are several areas that will have a lesser impact. It also obstructs the view from my home.</li> <li>• The Power lines will also pose a safety hazard and threat to the hot air ballooning activities that are performed in the area as the properties on which the activities are planned are used as launching and landing sites.</li> <li>• From a farming perspective the substation is planned on an arable land that will negatively impact on my farming activities as it is on one of the only portions that I can irrigate.</li> <li>• My opinion is that by relocating and re-routing the line and substation the environmental impact and footprint can be reduced significantly.</li> </ul>					<p>danger to ballooning activities that take place in the area. The closest ballooning activities are 7 km north and 22 km south of the line. Please also note that there are many other power line structures of similar dimensions that already exist in this area that do not add risk to hot air ballooning activities.</p> <p>This impact on arable land has been included in the Section D of the Final BAR.</p>

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<p>The planned location of this project is not suitably located and in line with the spatial plan as intended by Mogale City as the Development is planned in the central area of Hekpoort far from the intended site. The planned route will pass by the development area only to be routed back requiring more infrastructures. Significant cost savings can be achieved by locating the substation close to the intended Vogelsang and Dr. Sefago village development as planned in the Hekpoort Spatial development plan and was previously planned. The municipality already owns land in this area that will reduce the environmental impact significantly. Alternative options and locations for the substation should be considered.</p>	Mr JC Cronje	Land Owner (Hekpoort 504 Portion 96, 178, 179, 186)	16 Apr 2015	Letter	<p>The proposed substation is intended not only for the use of Hekpoort but also to power communities to the west of Hekpoort.</p> <p>The original location of the proposed Kashan substation (near the proposed Vogelsang development) will be far from the load demand, which means a lot of power lines will have to be constructed to take supply to the development to the west of Hekpoort. The proposed location is planned according to the load demand and is selected in terms of the radius it will supply. Very few power lines will have to be constructed to take power to the demand areas.</p>
<p>The current planned route also cross the Magalies River, being a sensitive area, that will lead to the destruction of natural habitat of several animals, fish and vegetation such as serval cats, vervet monkeys, porcupines, yellow fish, aloes and several other sensitive species that will be affected. Vervet monkeys are protected in terms of both national and provincial conservation legislation and also in terms of National animal protection legislation.</p>	Mr JC Cronje	Land Owner (Hekpoort 504 Portion 96, 178, 179, 186)	16 Apr 2015	Letter	<p>The power line will be strung up 11m above the ground. The location of pylons will be planned so that there is no construction within the Magalies River. The river has been taken into consideration during the EIA process, mitigation measures will be put in place through the EMP to ensure minimum disturbance of the habitat and nature. The spanning of the line is at least 200m between poles which allows for the line to cross the river without the need for a pole in or near the river. As little vegetation as possible will be removed during the construction of the poles.</p>

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					During construction of the power line over the river, there will only be minor, short-term impacts on the riparian zone of the river channel as a result of vegetation clearance. There will be no effects upstream of the construction site and resultant downstream impacts (including the impacts on the river by farming and other anthropogenic activities affecting the catchment) will be negligible towards the confluence of the Magalies River with the Klein spruit. Once constructed, the proposed power line will have little to no effect on the Magalies river system or the biota that is associated with the area.
I fully support the project as it will definitely ease the pressure of electricity in our community. We need to start planning as of yesterday as the people of the rural community we are still struggling because most of the farms around Hekpoort are fenced by farmers. So it makes it impossible for community members to have wood for their daily chores. I support the project.	Mr R Selebi	Land Owner (Hartebeestfontein 472 Portion 177)	30 Apr 2015	Public Open House	Thank you for the comment, it will be noted and included into the FBAR.
Move the main substation (88kv) back into GED 153 along the old train station. The distance will shorten the 88kv line will not cause any tension falls.(translated form Afrikaans)	Mr L Erasmus	Land Owner (Hekpoort 504 JQ Portion 183)	30 Apr 2015	Public Open House	Eskom decided on the proposed route alignment because there is an existing servitude of 22 meter along the proposed route. Both alignments have been included in the Final BAR which will allow the DEA to make an informed decision on the EA application.

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<p>This area has one of most beautiful views in South Africa that Eskom wants to obscure.</p> <p>It would be better for Eskom to use the alternate route that runs along the railway line for this power line.</p> <p>Our objections are not with the substations. The problem is along the route where we are developing our businesses. There is a restaurant, a petrol station and other developments along the proposed route that Eskom wants to place the power line.</p> <p>The servitude along the railway should be more than sufficient to suit needs of the proposed power line.</p> <p>We will interdict Eskom. This will not stop Eskom but will drag the process down for 20 years.</p> <p>We all, as the community prefer the alternative line.</p>	The community open-house attendees at large	The community open-house attendees at large	30 Apr 2015	Public Open House	The Visual Impact Assessment compiled for this project has been included in the Final BAR. All comments have been noted will be included into the Final BAR.
<p>First and foremost we would like to extend our gratitude towards you and all involved in organising the meeting that was held at Hekpoort to allow all affected parties the opportunity to discuss and provide input in the planned power supply upgrading project.</p> <ul style="list-style-type: none"> <li>• OOSTERMOED BELEGGINGS 201 (PTY) LTD (owners of Portion 476 of the Farm Hekpoort 504 JQ (previously portion 444 and portion 475) and Remaining Extent of Portion 323 (a Portion of Portion 2) of the farm Hekpoort 504) support the upgrading of the power supply as we believe this will in turn support development in</li> </ul>	Mr JF Oostenhuizen	Oostermoed Beleggings 201 (PTY) LTD (Land Owners - Portion 476 Hekpoort 504 JQ (Previously Portion 444 & Portion 475) & Remaining Extent of Portion 323 (A Portion of Portion 2) of the Farm Hekpoort 504	7 May 2015	Fax	<ul style="list-style-type: none"> <li>• The existing Hekpoort substation supplies sufficient capacity to the central Hekpoort area. The proposed substation is intended not only for the developments in Hekpoort but also to power communities to the west so placing the substation at any of the Land owners' proposed sites will mean that more lines need to be extended across the same area at a later stage. The previous location of the proposed Kashan substation will be far from the load demand, which means a lot of power lines will have to be</li> </ul>

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<p>and around our region. Oostermoed Beleggings is committed to development in Hekpoort as evident from the revamped Hekpoort Centre and the new centre that should be operational towards the end of June 2015. We have further commenced with studies for a retirement village, social housing, low cost housing and affordable housing. This is done with the blessing of Mogale City who is also serious about rural development. The Oostermoed group employs approximately 250 permanent and 300 contractors, all from the area. The envisaged development will further increase the number of permanent employees.</p> <ul style="list-style-type: none"> <li>• OOSTERMOED BELEGGINGS 201 (PTY) LTD is prepared to allow Eskom to erect a new substation, should this be feasible, on a vacant stand, free of charge, insofar the railway line intersect with any of our properties.</li> <li>• We would like to highlight the fact that Hekpoort as well as surrounding areas are very much reliant on tourism, being the main job creator in and around Hekpoort. The visual impact of high voltage power lines must be carefully managed to minimise the socioeconomic impact on current and future development in the region.</li> <li>• Directly next to the main roads, the R560 and R563, you find all the high value property most favourable to</li> </ul>					<p>constructed to take supply to where is needed. The proposed location is planned according to the load demand and is selected in terms of the radius it will supply. Very few power lines will have to be constructed to take power to the demand areas.</p> <ul style="list-style-type: none"> <li>• The proposed substation is intended not only for the use of developments in Hekpoort but also to power communities to the west so placing the substation at any of the Land owners' proposed sites will mean that more lines need to be extended across the same area at a later stage, this will result in a much larger footprint overall. The Oostermoed location of the proposed Kashan substation will be far from the overall load demand, which means a lot of power lines will have to be constructed to take supply to where is needed. The proposed location is planned according to the load demand and is selected in terms of the radius it will supply. Therefore very few power lines will have to be constructed to take power to the demand areas.</li> <li>• The power line will be strung up 11m above the ground. The location of pylons will be planned so that there is no construction within the Magalies River. The river has been taken into</li> </ul>

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<p>development with views directly onto our most valuable assets namely the Magalies mountain range and the Magalies River. High voltage power lines in these areas will negatively impact on the areas by being visually damaging with the most negative socio economic effect now and in future.</p> <ul style="list-style-type: none"> <li>• In Hekpoort the old railway line was built in an area where a lot of mining activities occurred, mainly building sand mining. Apart from the less favourable tourist attraction, the soil conditions and relative high water table will hamper any structural development in these particular areas around the old railway line. The visual and socioeconomic impact would be considerably smaller if one should utilise these areas to erect the power lines to attain the main objective of upgrading the power supply while minimising the negative effect on the area.</li> </ul>					<p>consideration during the EIA process, mitigation measures will be put in place through the EMP to ensure minimum disturbance of the habitat and nature. The spanning of the line is at least 200m between poles which allows for the line to cross the river without the need for a pole in or near the river. As little vegetation as possible will be removed during the construction of the poles.</p> <ul style="list-style-type: none"> <li>• During construction of the power line over the river, there will only be minor, short-term impacts on the riparian zone of the river channel as a result of vegetation clearance. There will be no effects upstream of the construction site and resultant downstream impacts (including the impacts on the river by farming and other anthropogenic activities affecting the catchment) will be negligible towards the confluence of the Magalies River with the Klein spruit. Once constructed, the proposed power line will have little to no effect on the Magalies river system or the biota that is associated with the area.</li> <li>• Both alignments have been included in the Final BAR which will allow the DEA to make an informed decision on the EA application.</li> </ul>

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<ul style="list-style-type: none"> <li>• My main concern however is the fact that I am an emerging exotic game farmer and have recently invested large sums of money in the procurement of exotic game. Access to my property by persons will pose a great risk as gates may be left open, fires be started (Albeit accidentally) which will potentially kill my game and impact significantly on the availability of feed (veldt). The registration of servitude on my property will reduce severely the land area available for my game farming operations and will require me to reduce the number of heads of game that I may have on the farm, which will have a financial impact on my operations.</li> <li>• Due to the exotic nature of the game and the security risk associated with poaching etc. I cannot allow for individuals to access this property in fear of them “advertising” the nature of my operations, thus posing a significant risk to me and my property.</li> <li>• I am a single female living on the farm and such unlimited ad uncontrolled access will pose a threat to me and an individual and my personal security as well.</li> <li>• The proposed power line and associated servitude will be situated on the only area of the farm that I can cultivate with animal feeds. If I am no longer able to cultivate feed. I will be</li> </ul>	Ms Ilse Porter	Land Owner (Portion 108, Hekpoort 504)	12 May 2015	Letter	<ul style="list-style-type: none"> <li>• Notification will be given to land owners when maintenance or repairs on the line are required.</li> <li>• Starting fires within the servitude by Eskom personnel and contractors is prohibited in the EMPr submitted with the Final BAR.</li> <li>• The registration of the servitude on portion 180 of the farm Hekpoort 504 will have no effect on the land area available for game farming operations. The area of the servitude will still be available for grazing, browsing and roaming of exotic game as shrubs, grasses and small trees will still be able to grow underneath the power lines.</li> <li>• The power line will be maintained by the area Customer Network Center which has permanent staff, you will get to know and be familiar with the technical staff. The access will not be uncontrolled. Access will be controlled by you. Specific agreements can be set up in the contract regarding this issue of security and safety.</li> <li>• Both alignments have been included in the Final BAR which will allow the DEA to make an informed decision on the EA application.</li> </ul>

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<p>required to procure feed i.e. Lucerne. This is very costly exercise, even more so during times of drought and winter when feed is in short supply and prices even double.</p> <ul style="list-style-type: none"> <li>• My opinion is that by relocating and re-routing the line and substation the environmental impact and footprint can be reduced significantly. There are several other concerns that my neighbours and I have and I would like to invite you to visit me so that we can discuss my concerns and proposals in more detail.</li> </ul>					
<p>The major grievances raised by the affected parties were: That the location of the proposed power lines and the substation will have severe visual and environmental impacts on the scenery of Hekpoort. The natural scenery of Hekpoort is currently one of the main attractions for tourism to the area and needs to be protected by all means. It is proposed that the substation and power lines be moved to areas where it will be less visible. Specific locations having a lower visual impact were proposed by the parties and should be considered.</p> <ul style="list-style-type: none"> <li>• The proposed routes have a huge footprint as it traverses several properties and passes by the doorsteps of several homesteads. The value of properties will also be negatively affected. The footprint can be reduced significantly by locating the substation on one of the proposed sites, and changes are done to the</li> </ul>	Mr JC Cronje	Land Owner (Hekpoort 504 Portion 96, 178, 179, 186)	15 May 2015	Email	<ul style="list-style-type: none"> <li>• Both alignments have been included in the Final BAR which will allow the DEA to make an informed decision on the EA application.</li> <li>• The proposed substation is intended not only for the use of developments in Hekpoort but also to power communities to the west so placing the substation at any of the Land owners' proposed sites will mean that more lines need to be extended across the same area at a later stage, this will result in a much larger footprint overall. The Oostermoed location of the proposed Kashan substation will be far from the overall load demand, which means a lot of power lines will have to be constructed to take supply to where is needed. The proposed location is planned according to</li> </ul>
	M Andriesse	Land Owner (Hartebeestfontein 472 Portion 182)	18 May 2015	Email	

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<p>routing in order to avoid the infringement to households. Existent routings should be followed for the re-routing of lines from the substation into the current network from the substation.</p> <ul style="list-style-type: none"> <li>• A need exists for electricity supply to support current and planned developments in the central area of Hekpoort. Oostermoed Beleggings (PTY) LTD is currently working in a close relationship with Mogale City in the development of the Hekpoort area and should be supported and consulted in this regard. The proposed location of the substation is not in close proximity of these projects and should be moved closer in order to support these developments. Oostermoed has offered a site for the location of the substation that would better serve these requirements. The proposed site will also mitigate the visual impact of the substation and power lines in the area. An alternative option would be to locate the substation at the Vogelzang development as was initially anticipated by ESKOM and Mogale City, having an even lower environmental impact.</li> <li>• From a farming perspective, several sections of the proposed route cross agricultural properties. The proposed location of the substation is also located on arable land. This will negatively impact on farming</li> </ul>					<p>the load demand and is selected in terms of the radius it will supply. Therefore very few power lines will have to be constructed to take power to the demand areas.</p> <ul style="list-style-type: none"> <li>• The existing Hekpoort substation supplies sufficient capacity to the central Hekpoort area. The proposed substation is intended not only for the developments in Hekpoort but also to power communities to the west so placing the substation at any of the Land owners' proposed sites will mean that more lines need to be extended across the same area at a later stage. The suggested locations of the proposed Kashaan substation will be far from the load demand, which means a lot of power lines will have to be constructed to take supply to where is needed. The proposed location is planned according to the load demand and is selected in terms of the radius it will supply. Very few power lines will have to be constructed to take power to the demand areas.</li> <li>• The line crossings will not affect farming activities below the lines. Area below the lines can still be used for grazing or growing crops. The land at the proposed substation site is not being used for any cultivating or agricultural activities, therefore, there will be</li> </ul>

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<p>activities. By relocating the substation to one of the proposed sites the impact can be reduced significantly.</p> <ul style="list-style-type: none"> <li>• The power lines will also pose a safety threat to certain tourism activities such as hot air ballooning currently performed and being a major tourism attraction in the area. Properties over which the power lines are planned are currently used as launching and landing sites that will be exposed to high voltage electrical related hazards.</li> <li>• The proposed construction will contribute to the destruction of a current natural habitat for several animals and birds on the route. The proposed routes crosses the Magalies River being a sensitive area that needs to be protected and preserved.</li> <li>• The affected members were in agreement that the current layouts have several negative impacts that need to be addressed. Mitigation of most of the negative impacts can be done by relocation of the substation to a more suitable site and that route changes be done to reduce the footprint and environmental impacts.</li> <li>• Alternative sites were identified and proposed to reduce the visual impact and reduce the environmental footprint of the planned activity. Properties on these sites are environmentally less sensitive, currently in disuse and less visible / being located out of sight.</li> <li>• The impact of further expansions</li> </ul>					<p>no loss of agricultural activities at the proposed location.</p> <ul style="list-style-type: none"> <li>• The proposed development is not anticipated to pose any threat or danger to ballooning activities that take place in the area. The closest ballooning activities are 7 km north and 22 km south of the line. Please also note that there are many other power line structures of similar dimensions that already exist in this area that do not add risk to hot air ballooning activities.</li> <li>• The power line will be strung up 11m above the ground. The location of pylons will be planned so that there is no construction within the Magalies River. The river has been taken into consideration during the EIA process, mitigation measures will be put in place through the EMP to ensure minimum disturbance of the habitat and nature. The spanning of the line is minimum 200m between towers which might be that there may not even be a tower next to the river itself only the conductor passing over head. As little vegetation as possible will be removed during the construction of pylons. Aloes are not located near the sensitive riparian area and will not be under threat; these succulents are generally found further upslope,</li> </ul>

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<p>should be mitigated by following existent routes and by improvement and strengthening of the existent grid</p> <ul style="list-style-type: none"> <li>• Oostermoed Beleggings (PTY) LTD is currently actively involved with developments in the Hekpoort area with the blessing of Mogale City in line with the Hekpoort Spatial / and Long Term Development Plan. These development initiatives need electricity and should be supported.</li> <li>• Mr. Oosthuizen from Oostermoed has offered assistance in the provisioning of land on one of their properties for the location of the substation in order to resolve the conflict, reduce impact and better support current developments in the area.</li> <li>• The affected parties are of the opinion that the planned location and routing of the power lines will have a major environmental impact on the Hekpoort area from a visual perspective and the other reasons listed above.</li> </ul>					<p>where it is drier. During construction over the river, within the servitude, there will be only minor, short-term impacts on the riparian zone of the river channel as a result of vegetation removal. Further there will be no effects upstream of the construction site and resultant downstream impacts (including the impacts on the river by farming and other anthropogenic activities affecting the catchment) will be negligible towards the confluence of the Magalies River with the Klein spruit. Once constructed, the proposed power line will have little to no effect on the Magalies river system or the biota that is associated with the area.</p> <ul style="list-style-type: none"> <li>• The impact assessment (undertaken by specialists and experts in their specific fields) in the basic assessment for environmental authorisation has revealed that there are no significantly high impacts caused by the proposed development. The highest and only significant impact was the visual impact of the power lines. The proposed substation is intended not only for the use of Hekpoort but also to power communities to the west so placing the substation at any of the Land owners' proposed sites will mean that more lines need to</li> </ul>

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					<p>be extended across the same area at a later stage. The previous location of the proposed Kashan substation will be far from the load demand, which means a lot of power lines will have to be constructed to take supply to where is needed. The proposed location is planned according to the load demand and is selected in terms of the radius it will supply. Very few power lines will have to be constructed to take power to the demand areas.</p> <ul style="list-style-type: none"> <li>• Due to a number of factors, including lowered visual impacts, the power line route along the railway line will be considered and recommended by us as the preferred power line route to the authorities.</li> <li>• The proposed substation is intended not only for the use of Hekpoort but also to power communities to the west so placing the substation at any of the Land owners' proposed sites will mean that more lines need to be extended across the same area at a later stage. The previous location of the proposed Kashan substation will be far from the load demand, which means a lot of power lines will have to be constructed to take supply to where is needed. The proposed location is planned according to</li> </ul>

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					<p>the load demand and is selected in terms of the radius it will supply. Very few power lines will have to be constructed to take power to the demand areas.</p> <ul style="list-style-type: none"> <li>• The preferred route runs along the existing old railway line. The proposed substation is intended not only for the use of Hekpoort but also to power communities to the west so placing the substation at any of the Land owners' proposed sites will mean that more lines need to be extended across the same area at a later stage. The previous location of the proposed Kashan substation will be far from the load demand, which means a lot of power lines will have to be constructed to take supply to where is needed. The proposed location is planned according to the load demand and is selected in terms of the radius it will supply. Very few power lines will have to be constructed to take power to the demand areas.</li> <li>• The existing Hekpoort substation supplies sufficient capacity to the central Hekpoort area. The proposed substation is intended not only for the developments in Hekpoort but also to power communities to the west so placing the substation at any of the Land owners' proposed sites will mean that more lines need to</li> </ul>

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					<ul style="list-style-type: none"> <li>• Due to a number of factors, including lowered visual impacts, the power line route along the railway line will be considered and recommended by us as the preferred power line route to the authorities. Visual impacts of the power line will be mitigated by the use of materials (galvanised cables etc.) that do not reflect light and are designed to help lower the visibility of the proposed power line.</li> </ul>