

COMMENTS AND RESPONSE REPORT

Proposed "ARIES-KRONOS" 765kV Transmission Powerline & Substations Upgrades, Northern Cape Province

NEAS Ref: DEA/EIA/0001557/2012

DEA Ref: 14/12/16/3/3/2/440

I&AP	Concerns & Queries	Date	Response from Mokgope / Eskom
Kobie	Telephonic correspondence: Kobie requested for clearer maps to be emailed.	11-02-13	Maps were emailed to: kobie.mans@postoffice.co.za
JAM Kruger	I would like to receive documents by post and in Afrikaans: Posbus 189, Kenhardt, 8900	21-02-13	Ongelukkig is die dokumente soos die Omvangsbepaling verslae, Omgewingsinvloedbepalingsverslae en die onderskeie spesialis verslae in Engels geskryf en dit sou baie moeilik en tydrowend wees om sulke groot verslae in Afrikaans te vertaal. Maar daar wil alhoewel 'n poging om te korrespondeer in Afrikaans, aangewend word.
Danie van Wyk	I would like to receive documents via email: latrievies@lantic.net Wat die GNR 543 betref verstaan ek nie	25-02-13	Noted and acknowledged receipt sent. "GNR 543" means Government Notice R543 of the Environmental Impact Assessment Regulations under the National Environmental Management Act (Act No 107 of 1998, Amended 2 August 2010).
Burger Carel	Please email me a map of this proposed line. The one that we received via post mail is unreadable.	25-02-13	Maps have been emailed to: CIBurger@landbank.co.za
Warren (Mulilo Renewable Energy)	As discussed on the phone, Mulilo Renewable Energy is developing various projects around the Kronos substation and we are concerned your EIA line routes could impact our plans and approvals we have received. We have secured rights over the farms: 1.Vogelstruisbult 1/104 2.Klipgats Pan 4/117 3.Hoekplaas Re/146 We have received Environmental Authorisation for construction of Solar Plants on all of the above farms and I have attached the maps and EA's for your reference. We have subsequently begun conducting further studies	12-02-13	Maps sent to: warren@mulilo.com

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Mr GJ van Wyk	<p>The correspondence received from Mokgope Consulting regarding the proposed Environmental Impact Assessment, has relevance:</p> <p>I am the landowner of the farm De Hoop, size 7232 ha, District Kenhardt, through which the proposed transmission power line stretches.</p> <p>After thorough examination of the proposed route (On your map that was included, printed in A4 format, with the route indicated in blue) and transposing of the proposed route to a 1:50 000 map, as well as a map portraying the camp divisions of my farm, it was possible for me to arrive at the following conclusions:</p> <ul style="list-style-type: none"> • The distance of the proposed transmission power line across my farm is a distance of 9 km in an East-West direction. The erection of the transmission power line stretches across seven (7) grazing camps, six (6) of which have electrified fences. • The erection of the transmission power line and accompanying servitudes will necessitate the addition of nine (9) motorized swing-gates, of which one (1) crosses the Marydale dirt road and two (2) cross the Kenhardt-Vanwysvlei dirt road. • The farm does not have sufficient additional water resources for the construction of the proposed power line. 	02-03-13	<p>Thank you for your detailed comments.</p> <p>It has been confirmed that your farm would be traversed by Corridor 1 (blue line). During the EIA phase, the three alternatives would be compared and the route with the least environmental and socio-economic impacts would be chosen as the final route.</p> <p>This is still the Scoping phase of the EIA. Details about establishment of the campsite and availability of water resources would be provided in the later stages of the EIA. Eskom would not be expect to rely on the surrounding areas for water consumption; hence water would have to be supplied from elsewhere in water tanks,</p>

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	<ul style="list-style-type: none"> • The pressure on the current available water reserve for farm animals is of such a nature that no additional water could be supplied to a construction camp/building site, and construction activities will not be able to have a direct water supply • The available water reserve is of such a nature that it is not fit for human consumption and/or usage, owing to a high salt-content. • I do not foresee the need for additional access routes for the erection of the transmission power line, as a result of the Marydale and Kenhardt-Vanwysvlei dirt roads being in a close proximity, which in turn should provide sufficient mobility/access to the construction site. <p>I the owner would prefer correspondence solely in Afrikaans. I would furthermore appreciate consulting with an Afrikaans-speaking person telephonically.</p> <p>Thank you for the opportunity to reply to your request</p>		<p>if need be. Further elaboration about water consumption would be outlined in the EMPr and during pre-construction phase of the project.</p> <p>It would be included in the EMPr that construction workers should be supplied with water for human consumption. Therefore, they would not have to rely on your farm for water supply.</p> <p>Eskom would have to use the existing routes to avoid impacts the vegetation. This would be elaborated in the EMPr.</p> <p>Judith Alford is the EAP working on this project. Hence during telephonic conversations with the EAP, it is a challenge to look for an Afrikaans speaking person in our KZN area. Nonetheless, during our public meetings, there would be an Afrikaans translator. It is therefore imperative that you attend the public meetings for the EIA phase. Notification in Afrikaans would be sent to you in due course.</p>
Mr SJ van Zyl	I would like to receive documents by post: PO Box 27, Prieska, 8940	04-03-13	Noted.

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	20km in length. We request further engagement to determine how this risk may be mitigated. Other available line route options pose a high risk to the SKA.		
Lutando Klaas on behalf of Hendrik van Vuuren (Division of Armscor Defence Institutes SOC Ltd)	<p>i) Hi Judy, Alkantpan, a Division of Armscor Defence Institutes SOC Ltd, hereinafter referred to as Alkantpan Test Range, is situated 70 km west of Prieska in the Northern Cape, covering 85 000 ha of Karoo land that is semi desert. The core business of Alkantpan Test Range is Ballistic Testing of Ordnance for local and international market.</p> <p>Alkantpan Test Range is a restricted area due to the nature of the business conducted. There are areas within the range that highly explosive ordinances are only fired at. These areas occupy ordinances that could explode if disturbed. Therefore, movement of personnel is prohibited.</p> <p>The transmission line corridors being proposed are cutting through parts of Alkantpan Test Range and that is the reason to register as I&AP. I shall appreciate if you could confirm via email receipt of this email.</p> <p>ii) Hedley Plains, Smous Pan, Merries Pan, Gras Pan, Zondags Pan, Springbok Pan, Witput</p>	09-04-13	<p>i) Thank you for your comments. The issues of concern have been red flagged for Eskom's attention. Public meetings will be arranged sometime in May 2013. Once finalised, I will invite you to attend the meetings as Eskom would be available for discussions related to the proposed power line. I will send you maps that could possibly show your affected areas. <i>Maps were sent.</i></p> <p>ii) It is important for us to know the exact farm names of the affected areas. Is it possible for you to outline the no-powerline zone on a map showing the proposed alternative powerline routes. I will also send you shapefiles of the routes. The maps have been sent.</p>
Hendrik van Vuuren (Division of	At the public meetings: Hendrik shows where the existing line runs through their property and outlines the property:	30-05-13	Your suggestions for the realignment of the proposed power lines have been noted and will be bought to Eskom's planning division to consider your proposed

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Armcor Defence Institutes SOC Ltd)	<p>He points out the landing strip which has to be relocated due to the wind farms that are currently being developed. The airstrip has to be relocated inside Alkantpan property and that is where the proposed line also runs. Alkantpan can't move the landing strip elsewhere because that is the only safe place where it could be relocated.</p> <p>If Eskom is going for option three, we suggest you move around this side (<i>pointing on the map</i>) to avoid the landing strip. The other route option would have to run along our fence because we don't shoot on the fence. There is an allowance of 2km buffer for safety.</p>		<p>routes to avoid the no-power line area.</p> <p>With regard to the airstrip concern versus the proposed line, Eskom will meet with Civil Aviation Association to discuss the issue. This will be reported on the EIA Report.</p>
JB de Kock	I would like to receive documents via email: ansiedekock@sanlam4u.co.za	11-04-13	Noted.
Jason Cope	<p>Thanks for the brief talk - As mentioned, we are developing a wind farm in the Copperton area and have some portions of land that we have secured rights to. Please could you send me kmz files of the proposed access corridors so that we can check on any potential clashes?</p> <p>Thanks for the file and for including us in the I&AP list. It appears we will have a clash on one of the proposed routes into Kronos. We have secured the rights and positive EA to build a military runway on behalf of Armcor on one of the proposed pieces of land that the line crosses.</p> <p>I have attached a kmz of the relevant area. We will need to make a plan to move the proposed route - this is the version that crosses the firing range of the Alkantpan test range. Hope this helps - feel free to ask me for any other information that you need.</p>	15-04-13	<p>Shape files sent to: jason.cope@plan-8.co.za</p> <p>Thanks for the Google Earth files of the area affected. As seen on Google Earth, Corridor 3 traverses through the middle of the farm property. This will be red flagged to Eskom's attention. As per your suggestion, should the alternative route corridor 3 be preferred, Eskom would</p>

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			<p>have to create a deviation route to avoid clashes.</p> <p><i>A meeting was held on 18-07-13. Minutes attached.</i></p>
Mike Mangnall (Mainstream renewable power)	Mike requested to be registered as I&AP and to be provided with the documents.	14-06-13	The Draft Scoping Reports (Aries-Kronos and Kronos-Perseus) were emailed to: mike.mangnall@mainstreamrp.com.
Carolyn Ah Shene- Verdoorn (BirdLife South Africa)	<p>i) Avifaunal specialist studies for the EIA to include a comparison of the different impacts on raptors and electrical faulting issues of the four alternative structures presented in the DSR. Is there any data yet on any impacts on raptors from the new crossrope tower design?</p> <p>ii) Avoid ephemeral pans and buffer zones of 100 m around pans (and CBA2, T2 areas) as these are very important in the arid areas. Effective bird diverters on all lines along sections where they pass by pans, through the ESA corridors and over all perennial and non-perennial rivers and across bird flight paths, as advised by avifaunal specialist.</p> <p>iii) Avifaunal specialist to review monitoring data of large terrestrial bird collisions and electrical faulting on other transmission lines across the Karoo to make new recommendations on mitigation measures that can be taken.</p> <p>iv) If authorisation is given, monitoring of collisions and possible electrical faulting for at least five years should take place to determine the actual impacts of the transmission lines on threatened raptors and large terrestrial bird species, and new mitigating measures developed and implemented to reduce these impacts. This must be included in the EMPr.</p>	02-08-13	<p>i) Comments would be brought to the Avifaunal specialist's attention! Data would be provided in the EIR phase.</p> <p>ii) Noted with thanks. Comments would be brought to the Avifaunal specialist's attention!</p> <p>iii) Noted with thanks. Comments would be brought to the Avifaunal specialist's attention!</p> <p>iv) BirdLife recommendations would be included in the EMPr.</p>