

Table: Comments and response report

Organisation	Raised by	Comment received	Response
SAHRA	Mr. Phillip Hine	In an email dated 11 November 2015, Mr. Hine confirmed receipt of our email and indicated that he will have limited access to email between 11-13 November 2015.	No response.
Department of Mineral Resources	Mr. Pieter Swart NW Regional Manager	In an email dated 12 November 2015, Mr. Swart asked if we applied for permission in terms of Section 53 of the Mineral and Petroleum Resource Development Act, Act 28 of 2002. He stated that if this is not the case, the Department objects to this application.	No response.
PRASA	Mr. Tony Games Communications and stakeholder management	In an email dated 12 November 2015, Mr. Games forwarded the email to his colleagues and asked them to assist us with comments.	No response.
I&AP	Me. Marlaine Andersen Deputy Head of Departments	In an email dated 18 November 2015, Me. Andersen registered as an I&AP and requested BID documents.	In an email dated 23 November 2015 the EAP indicated that Me. Andersen has been registered as an I&AP and that the BID documents she requested have been attached to the email.
		In an email dated 24 November 2015, Me. Andersen thanked us for the registration and documentation and indicated that she does not have any comments, but requested the developer's contact details.	In an email dated 24 November 2015 the EAP responded by asking what Me. Andersen's intention is with the contact details.
CVV Enviro	Mrs. Carla van der Vyver	In an email dated 18 November 2015, Mrs. Van der Vyver indicated that she saw our press notices in the Stellalander Newspaper. She further indicated that they are surrounding property owners and that the total amount of MW that	In an email dated 13 January 2016 the EAP thanked Mrs. Van der Vyver for her comments and indicated that her enquiry made us do some research and that it made for an interesting read.

		<p>are applied for in the area is around 1500 MW from which a 1000 MW is within a 15km radius of their farm.</p> <p>She raised her concern on how the cumulative effect of the PV plant will affect weather patterns in the area as the panels have reflective surfaces and wanted to know how these weather patterns will affect the climate in the region.</p>	<p>The EAP further elaborated in the attached letter that the photovoltaic technology that (at this stage) proves more feasible and reasonable with respect to the proposed solar facility is crystalline silicon panels, due to it being non-reflective, more efficient, and with a higher durability. However, due to the rapid technological advances being made in the field of solar technology the exact type of technology to be used will only be confirmed at the onset of the project.</p> <p>The EAP also indicated that after her email research was done research on the effect photovoltaic solar farms have on the climate and came across an interesting paper by Fthenakis and Yu on the <i>Analysis of the Potential for a Heat Island Effect in large Solar Farms</i>.</p> <p>Their study focused on the effect on global climate due to the albedo change from widespread installations of solar panels and found that the air temperature at 2.5m of the ground in the centre of the simulated solar farm selection was 1.9°C higher than the ambient air temperature, but that it declined to the ambient temperature at the height of 5 to 18m of the ground. The data also showed a clear decline in air temperature (within 0.3°C) 300m away from the solar farm. The solar panels also cool completely at night, and it is thus unlikely that a heat island effect could occur. Their simulations also showed that the</p>
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NW READ	Mrs. Ellis Thebe	<p>In an email dated 23 November 2015, Mrs. Thebe indicated that the Department has received our notice for comments on 11 November 2015 and that we are requested to submit a hard copy of the draft scoping report to their offices.</p> <p>She also indicated that the case has been assigned to Mrs. Thembekile Makuwa at the Potchefstroom Office and that any further correspondence can be directed to her using the reference number: NWP/DEA/24/2015.</p>	No response.
Kabi Solar	Mr. Mike Levington	In an email dated 15 January 2016 Mr. Mike Levington asked to be registered as an I&AP on the six projects in the Vryburg area.	In an email dated 16 January 2016 the EAP confirmed that Mr. Levington will be registered as an I&AP on the 6 projects around Vryburg.
BirdLife South Africa	Mr. Simon Gear	<p>In an email dated 05 February 2016, Mr. Simon Gear stated that an avifaunal scoping assessment should be conducted which includes a site visit as well as a six-month survey falling within the wet and dry seasons. He stated that this should be done to determine the key species at risk from solar facilities, details and nature of that risk as well as mitigation measures.</p> <p>Mr. Simon Gear indicated that avian habitats likely to support key raptor nest sites should be surveyed and</p>	No Response.

		<p>identified during early stages of monitoring and that any nest sites identified, should be mapped and included in subsequent surveys to determine if any breeding activity is taking place.</p> <p>In order to avoid birds and small animals to get stuck in fences, BirdLife South Africa encouraged that solar energy facilities not to use double fencing around the development area. They also mentioned that evaporation ponds should be designed to provide habitat for some bird species in this arid environment.</p>	
South African Civil Aviation Authority	Me. Lizell Stroh	In an email dated 2 March 2016, Me. Stroh stated that there is a SACAA process whereby permission is applied for with obstacles which could pose an aviation hazard. She further stated what is required for the application, such as a Google earth document reflecting the footprint of the proposed development and the assessment fee.	No response.
Department of water affairs and sanitation	Mr. Dumisani Mchunu	In an email dated 23 March 2016 Mr. Mchunu stated that the Department of water affairs and sanitation does not have access to the Drop box and kindly requested a hard copy to be couriered.	On 26 February 2016 a hard copy of the Draft scoping report was couriered to the Department of water affairs and sanitation.
SAHRA	Me. Kathryn Smuts	In an email dated 29 February 2016 Me. Smuts asked to be removed from the list of I&AP's as she does not work at the SAHRA.	No response.