

Appendix E10 – SKA

Vivienne Thomson

From: Vivienne Thomson <vivienne@enviroafrica.co.za>
Sent: Monday, 14 February 2022 13:50
To: 'smatlhane@ska.ac.za'
Cc: Bernard de witt
Subject: Overhead power line development near Perseus substation, Free State
Attachments: SARAO letter project 2 & 4.pdf

Dear Mr Matlhane

EnviroAfrica is undertaking an EIA for the Visserspan Solar PV Facilities Grid Connection near Dealesville in the Free State (DFFE Ref. No. 2021-08-0007). Your office gave comment on the actual Visserspan Solar PV Facilities which comprised four separate projects (all on Visserspan Farm No. 40, Free State).

The four solar PV projects already have environmental authorisation from the Department of Forestry, Fisheries and the Environment, as per the reference numbers below:

Visserspan Solar PV Facility - Project 1 (Ref. No. 14/12/16/3/3/1/2153);
Visserspan Solar PV Facility - Project 2 (Ref. No. 14/12/16/3/3/1/2154);
Visserspan Solar PV Facility - Project 3 (Ref. No. 14/12/16/3/3/1/2155);
Visserspan Solar PV Facility - Project 4 (Ref. No. 14/12/16/3/3/1/2156);

This email pertains to the overhead power line grid connection project which will enable the tie-in of electricity, evacuated from the above solar PV facilities, to the national grid. Grid connection will be via Eskom's existing Theseus-Perseus 400kV high voltage (HV) line to Perseus substation.

It is proposed that HV overhead power lines be constructed to along part of the boundary of two of the above sites viz. project 2 and project 4, and for a further approximates 4,5km east with a substation to be built on either 'end' of this new power line . As per the attached letters from the South Africa Radio Astronomy Observatory (SARAO), comment was given on all the above projects stating that:

- i. the projects do not pose any risk to the SKA;
- ii. the SARAO does not have any objection to the development of the projects and would not participate further in the environmental authorisation process.

Please confirm if the SARAO's stance for the Visserspan Solar PV Grid Connection project remains the same as for the Visserspan Solar PV Facility projects.

Thank you,
Vivienne Thomson



Environmental Assessment Practitioner

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Keren Energy Group (Pty) Ltd
P. O. Box 73
Somerset Mall, 7137
Email:weyers@kerenenergy.com

Date: 23 June 2020

To whom it may concern

Re: Development of Keren Energy Visserspan No 2 (Pty) Ltd PV Solar Project in the REDZ zone in Western Free State Province Dealesville

Kindly note that the above-mentioned facility will not pose any risk of interference to the SKA.

SARAO does not have any objection to the development of the project and would not participate any further in the environmental authorization processes.

Regards,



Mr Selaelo Matlhane

Spectrum & Telecommunication Manager

South African Radio Astronomy Observatory (SARAO)

Tel: 011 442 2434

Email: smatlhane@ska.ac.za

www.ska.ac.za

The South African Radio Astronomy Observatory (SARAO) is a National Facility managed by the National Research Foundation and is a member of the International Very Large Array programme. SARAO is a member of the International Very Large Array (IVLA) in South Africa.

Keren Energy Group (Pty) Ltd
P. O. Box 73
Somerset Mall, 7137
Email:weyers@kerenenergy.com

Date: 23 June 2020

To whom it may concern

Re: Development of Keren Energy Visserspan No 4 (Pty) Ltd PV Solar Project in the REDZ zone in Western Free State Province Dealesville

Kindly note that the above mentioned facility will not pose any risk of interference to the SKA.

SARAO does not have any objection to the development of the project and would not participate any further in the environmental authorization processes.

Regards,



Mr Selaelo Matlhane
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The South African Radio Astronomy Observatory (SARAO) is a National Facility managed by the National Research Foundation and includes all international radio astronomy facilities and programmes. SARAO is responsible for implementing the Square Kilometre Array (SKA) in South Africa.