

Our Ref:



an agency of the
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town
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CaseID: 20138

Date: Friday November 18, 2022
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Interim Comment

In terms of Section 38(8), 38(3) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Luckhoff Solar (Pty) Ltd

The proposed Luckhoff Solar cluster comprises three solar Photovoltaic (PV) facilities approximately 2.5 km north of Luckhoff within the Letsemeng Local Municipality of the Xhariep District Municipality, Free State Province. In order to evacuate the energy generated by the facilities to the national grid, Luckhoff Solar 1 (Pty) Ltd is proposing to develop The activity entails the development of grid connection infrastructure which consists of the following Electrical Grid Infrastructure (EGI) 132kV single/double-circuit overhead power line (with the associated infrastructure) to enable the connection and evacuation of the generated electricity of the proposed Luckhoff Solar 1, 2 and 3 Photovoltaic Solar Energy Facilities, to the national grid network.

Thank you for notifying the SAHRA of the proposed development of grid connection infrastructure which consists of the following Electrical Grid Infrastructure (EGI) 132kV single/double-circuit overhead power line with associated infrastructure in Luckhoff, situated within the Letsemeng Local Municipality, Free State.

The project is to enable the connection and evacuation of the generated electricity of the proposed Luckhoff Solar 1, 2 and 3 Photovoltaic Solar Energy Facilities to the national grid network, and it entails a collector switching station (up to 132kV); a ~2.5 km 132 kV single/double circuit overhead powerline linking the collector switching station to the proposed Luckhoff Main Transmission Substation; a new 132 kV / 400 kV MTS; and three 400kV Loop-in-Loop Out power lines from the existing Eskom powerlines (Hydra/Perseus 2, Hydra/Perseus 3 and Beta/Hydra 1) to the MTS. A 300 to 600 m wide and 6km long grid connection corridor is being assessed for the project.

As the proposed development is undergoing an EA Application process in terms of the National Environmental Management Act, 107 of 1998 (NEMA) and the NEMA Environmental Impact Assessment (EIA) Regulations, it is incumbent on the developer to ensure that a Heritage Impact Assessment (HIA) is done as per section 38(3) and 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA). This must include an archaeological component, palaeontological component and any other applicable heritage components. The HIA must be conducted as part of the EA Application in terms of NEMA and the NEMA EIA Regulations.

The archaeological component of the HIA should follow the SAHRA 2007 Minimum Standards: Archaeological

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Component of Impact Assessment Report. The quickest process to follow for the archaeological component would be to contract a qualified archaeologist (see www.asapa.co.za or www.aphp.org.za).

The proposed development area is located mostly within an area of High and medium sensitivity in terms of palaeontological resources as per the SAHRIS PalaeoSensitivity map. As such, a desktop Palaeontological Impact Assessment (PIA) must be undertaken by a qualified palaeontologist (See <https://www.palaeosa.org/heritage-practitioners.html> for a list of qualified palaeontologists). The report must comply with the 2012 Minimum Standards: Palaeontological Components of Heritage Impact Assessments.

Any other heritage resources as defined in section 3 of the NHRA that may be impacted, such as built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscapes or viewsapes must also be assessed.

The NEMA EIA documents and appendices must be submitted at the start of the public review periods in order for an informed comment to be issued that can be incorporated into the final reports for submission to the competent authority.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Sityhilelo Ngcatsha
Archaeology, Palaeontology, Meteorite Assistant
South African Heritage Resources Agency

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Phillip Hine
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South African Heritage Resources Agency

ADMIN:
Direct URL to case: <https://sahris.sahra.org.za/node/609160>