

Our Ref:



an agency of the  
Department of Arts and Culture

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CaseID: 17549

Date: Friday December 03, 2021  
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## Interim Comment

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

Attention: Prieska Power Reserve (Pty) Ltd

**An opportunity arose in 2014 for PRIESKA POWER RESERVE (PTY) LTD when access was gained to leasable land about 10 km southeast of Prieska in the Northern Cape. Since then, PRIESKA POWER RESERVE (PTY) LTD has undertaken feasibility investigations for the flexible production of green hydrogen and ammonia from variable solar and wind energy. Prieska and surrounding areas prove to have extremely good solar and wind load factors. PRIESKA POWER RESERVE (PTY) LTD developed a model to utilise these load factors to produce green ammonia of which the hydrogen content is derived from the renewable energy sources, Solar and Wind (energy production). The Power Reserve PV Plant forms phase 1 of this broader project and include: Installed hardware will deliver up to 170 MW ac by PV technology. Single-axis tracking panels will be used. The dominant height of the panels will be 3,00 metres. The following associated infrastructure will be included: Solar panels single axis, A 132 kV transmission line towards the Burchell substation will be constructed adjacent to the existing Burchell-Copperton 132 kV transmission line, Security towers and a utility building which will reach a height of up to 4,00 metres, Ablution facility, Internal access roads, and Perimetry fence, 3 meters high. The Prieska Power Reserve PV Plant & Associated Infrastructure is proposed to be established on a portion of the RE/1 of the Townlands of Prieska, which lies approximately 6km south of Prieska CBD in the Northern Cape.**

Green Box Consulting has been appointed by Prieska Power Reserve (Pty) Ltd to conduct an Environmental Authorisation (EA) Application for the proposed establishment of the Prieska Power Reserve PV Plant and Associated infrastructure on a portion of the Remaining Extent of Erf 1, Prieska, Siyathemba Local Municipality, Northern Cape Province.

A draft Scoping Report (DSR) has been submitted in terms of the National Environmental Management Act, 1998 (NEMA) and the EIA Regulations. The proposed activities include the construction of solar panels, on-site substation, 132kv powerline, access road, security towers, utility building with ablutions, perimeter fencing and internal security.

The DSR noted that a Heritage and Palaeontological Impact Assessment was completed as part of the Scoping Phase and that heritage resources were identified, however, no Heritage Impact Assessment was

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submitted to SAHRA for review.

### Interim Comment

The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit requests that the completed HIA and the draft EIA be submitted to the SAHRIS application for review and comment.

Further comments will be issued upon receipt of the above reports.

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

Yours faithfully

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Natasha Higgitt  
Heritage Officer  
South African Heritage Resources Agency

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Phillip Hine  
Manager: Archaeology, Palaeontology and Meteorites Unit  
South African Heritage Resources Agency

### ADMIN:

Direct URL to case: <https://sahris.sahra.org.za/node/589006>