

Final Comment

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

Attention: Zitholele Consulting
Zitholele Consulting (Pty) Ltd
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Halfway House
1685

EIA and EMPr for the Proposed Solar CSP Integration Project: Project 2 - 400kV Power Line from Ferrum to the Solar Substation

Gaigher, S. April 2014. *Proposed Establishment of Several Electricity Distribution Lines within the Northern Cape Province*

Thank you for informing SAHRA of Eskoms proposed CSP Integration Project. The proposed project involves linking the approved CSP Solar Park and the Ferrum, Aries and Niewehoop substations using 400kV power lines. The 400kV power line will cover 200km from the CSP to the Ferrum substation at Kathu and 70km from the CSP to the Niewehoop substation in Kenhardt. Two 400kV lines are proposed to cover the 100km between the CSP and the Aries substation in Kenhardt. The 400kV power line has a servitude of 55m and the average pylon is 33m high. The CSP Integration Project will also require the development of support infrastructure and upgrades to the various substations.

The submitted HIA assessed a corridor of 2km around the various alternative routes proposed for the above lines. The report identified a number of Later Stone Age scatters, as well as agricultural infrastructure, both of low heritage significance. The report also identified two possible grave cairns and the Olifantshoek cemetery of high heritage significance.

It is noted that the area proposed for development is underlain by geological sediments that have low palaeontological sensitivity and as such, it is unlikely that significant palaeontological resources will be impacted by the proposed development.

According to the HIA, Alternative route 3 is preferred for the CSP to Aries substation power line on heritage grounds. Alternative route 2 is preferred for the CSP to Niewehoop substation powerline and both Alternative 2 and Alternative 3 are equally preferred for the CSP to Ferrum power line on heritage grounds. It is noted that the HIA recommends that the final selected power line routes be subject to a Final Walkdown by an archaeologist.

Final Comment

Based on the submitted information, SAHRA has no objection to the proposed development as it is unlikely that significant heritage resources will be impacted on condition that;

- The identified possible grave cairns and the Olifantshoek cemetery are not impacted by the proposed development. These heritage resources must be clearly demarcated during the construction phase. Any

impact to these resources will require a permit from SAHRA.

- Placement of infrastructure should avoid sites of high archaeological sensitivity such as pans, rocky ridges and river beds.
- A Final Walkdown of the selected routes is required as per the recommendations in the submitted HIA.
- Should any evidence of archaeological sites or remains (e.g., remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, marine shell and charcoal/ash concentrations), rock art, unmarked human burials, fossils or other categories of heritage resources be found during the proposed activities, or in any future activities, SAHRA APM Unit (Jenna Lavin/Colette Scheermeyer 021 462 4502) must be alerted immediately, and a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contacted as soon as possible to inspect the findings. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance a Phase 2 rescue operation might be necessary.

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

Yours faithfully



Jenna Lavin
Heritage Officer
South African Heritage Resources Agency



Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/161428>
Edit view (DEA, Ref: DEA 12/12/20/27 and NEAS DEA/EIA/0000778/2011)

Terms & Conditions:

EIA2 Solar-Ferrum 400kV Power Line

Our Ref: 9/2/074/0006

Enquiries: Jenna Lavin
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CaseID: 5323

Date: Wednesday April 16, 2014

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an agency of the
Department of Arts and Culture

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for proposed work.
2. If any heritage resources, including graves or human remains, are encountered they must be reported to SAHRA immediately.
3. SAHRA reserves the right to request additional information as required.



The South African Heritage Resources Agency

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