

Scoping and EIA for the Proposed Development of a 75 MW Solar Photovoltaic Facility north-east of Kenhardt, Northern Cape Province (Kenhardt PV 3)

Our Ref:

Enquiries: Ragna Redelstorff
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CaseID: 8206

Date: Tuesday September 22, 2015

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an agency of the
Department of Arts and Culture

Letter

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

Attention: Scatec Solar SA 163 (PTY) Ltd

Scatec Solar SA 163 (PTY) Ltd is proposing to develop three 75 Megawatt (MW) Solar Photovoltaic (PV) power generation facilities and associated electrical infrastructure (132 kV transmission lines for each 75 MW facility) on the remaining extent of Onder Rugzeer Farm 168 and the connection points to the substation on the remaining extent of Portion 3 of Gemsbok Bult Farm 120. A separate full Scoping and EIA Process will be undertaken for each proposed 75 MW Solar PV facility. A separate BA Process will be undertaken for each transmission line. An integrated Public Participation Process will be undertaken for the proposed projects. Separate Applications for Environmental Authorisation will be submitted for each proposed 75 MW Solar PV facility and transmission line. Separate BA, Scoping and EIA Reports will be compiled for each project. This specific application will entail the construction of the proposed 75 MW facility and will be referred to as Kenhardt PV3. The proposed project will take place approximately 80 km south of Upington and 30 km north-east of Kenhardt within the Northern Cape Province.

The proposed project entails the construction of a solar photovoltaic (PV) facility and associated infrastructure on the remaining extent of the Farm Onder Rugzeer No 168 and connection points to the substation on the remaining extent of Portion 3 of the Farm Gemsbok Bull No 120, located approximately 30 km northeast of Kenhardt, Northern Cape Province. This project is part of a larger project comprising a total of three solar facilities (called Kenhardt PV1, 2 and 3).

In terms of the National Heritage Resources Act, no 25 of 1999, heritage resources, including archaeological or palaeontological sites over 100 years old, graves older than 60 years, structures older than 60 years are protected. They may not be disturbed without a permit from the relevant heritage resources authority. This means that prior to development it is incumbent on the developer to ensure that a Heritage Impact Assessment is done. This must include the archaeological component (Phase 1) and any other applicable heritage components. Appropriate (Phase 2) mitigation, which involves recording, sampling and dating sites that are to be destroyed, must be done as required.

The quickest process to follow for the archaeological component is to contract an accredited specialist (see the web site of the Association of Southern African Professional Archaeologists www.asapa.org.za) to provide a Phase 1 Archaeological Impact Assessment Report. This must be done before any large development takes place.

The Phase 1 Impact Assessment Report will identify the archaeological sites and assess their significance. It should also make recommendations (as indicated in section 38) about the process to be followed. For example, there may need to be a mitigation phase (Phase 2) where the specialist will collect or excavate



The South African Heritage Resources Agency

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material and date the site. At the end of the process the heritage authority may give permission for destruction of the sites.

The PalaeoSensitivity Map on SAHRIS (<http://www.sahra.org.za/sahris/map/palaeo>) indicates moderate palaeontological sensitivity for the proposed area. Therefore, the SAHRA Archaeology, Palaeontology and Meteorites Unit requires a desktop Palaeontological Impact Assessment to be undertaken to assess whether or not the development will impact upon palaeontological resources - or at least a letter of exemption from a Palaeontologist is needed to indicate that this is unnecessary. If the area is deemed sensitive, a full Phase 1 Palaeontological Impact Assessment will be required and if necessary a Phase 2 rescue operation might be necessary.

Any other heritage resources 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.

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

Yours faithfully

Ragna Redelstorff
Heritage Officer
South African Heritage Resources Agency

Phillip Hine
SAHRA Head Archaeologist (Acting)
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/319862>



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(DEA, Ref:)

Terms & Conditions:

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.



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