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CaseID: 12483

Date: Thursday May 31, 2018
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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: Mr Krishnan Moonsamy (Terence) Govender
ACWA Power SolarReserve Redstone Solar Thermal Power Plant RF
Office XX07001, 90 Grayston
90 Grayston Drive, Sandton, 2196

PROPOSED ACWA POWER SOLARRESERVE REDSTONE SOLAR PHOTOVOLTAIC POWER PLANT ON THE REMAINING EXTENT OF THE FARM NO. 469, HAY REGISTRATIION DIVISION IN THE NORTHERN CAPE PROVINCE

Environmental Management Assistance (Pty) Ltd was appointed by ACWA Power SolarReserve Redstone Solar Thermal Power Plant RF (Pty) Ltd to conduct an Environmental Authorisation (EA) Application process for the proposed ACWA Power SolarReserve Redstone Solar Thermal Power Plant on the remaining extent of the farm 469, Hay Registration Division, Northern Cape Province.

A draft Basic Assessment Report (DBAR) has been completed in terms of the National Environmental Management Act, 1998 (NEMA) and the 2017 EIA Regulations. The proposed development will have a generation capacity of up to 20MW and will comprise PV power blocks with inverter and transformer collection with supplementary facilities such as substations, network integration and switching yard and access roads covering less than 20 ha. Two site alternatives have been considered.

PGS Heritage and Grave Relocation Consultants were appointed to conduct the Heritage Component of the BAR process.

Fourie, W. 2011. Humansrus Solar Thermal Energy Power Plant, Postmasburg: Heritage Impact Report.

A total of 25 heritage resources were identified that included surface Stone Age artefact scatters, historical structures, historical middens, historical homesteads, and cemeteries. The HIA also notes that no palaeontological studies would be required for the proposed development.

Recommendations provided in the report includes the following:

- Sites PGS06 will need to be documented through surface collection, test excavations and mapping;
- A buffer of 10 m to be enforced around cemeteries AC02 – PGS09 and PGS13;

Our Ref:



an agency of the
Department of Arts and Culture

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- If it is not possible to avoid the graves, the graves can be relocated after a full grave relocation process that includes comprehensive social consultation;
- Possible infant burials may be present at ACO013, PGS11-13. These must be monitored during construction;
- General Heritage Management Guidelines in section 6 of the report must be included in the Environmental Management Programme (EMPr).

SAHRIS Case ID 2918 has reference

(<http://sahra.org.za/sahris/cases/redstone-solar-thermal-energy-power-project-2316>). This case assessed the original EA application for the CSP Thermal Project as part of the above report. SAHRA issued a Final Comment on the 05/02/2016 stating no objections to the proposed development.

A destruction permit was granted for Site PGS06 on 13/12/2016 which was extended on 17/10/2017 (SAHRIS ID 10423 <http://sahra.org.za/sahris/cases/pgs06-application-destruction>).

Interim Comment

The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit requests that an updated HIA inclusive of a site visit, that reflects the current EA Application, be conducted that must include a Palaeontological Impact Assessment as the development is located in an area of low to very high palaeontological sensitivity according to the SAHRIS PalaeoSensitivity map.

Further comments will be issued upon receipt of the above.

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

Yours faithfully

Natasha Higgitt
Heritage Officer
South African Heritage Resources Agency

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

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/503973>
(DEA, Ref:)