



Interim Comment

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

Attention: Sivest - Gauteng
PO BOX 2921
Rivonia
2128

Proposed Construction of two 132kV Power Lines and Switchyards to connect the Redstone Solar Thermal Energy Plant with the Olien Substation in the ZF Ngcawu District Municipality – Heritage Impact Assessment Option 2: Silverstreams substation to Olien Substations Northern Cape Province

Hutton, M. July 2014. Proposed Construction of Two 132kv Power Lines And Switchyards To Connect The Redstone Solar Thermal Energy Plant To The Olien Substation In The Zf Ngcawu District Municipality In The Northern Cape Province.

SolarReserve South Africa (Pty) Ltd (hereafter referred to as SolarReserve) intends to develop two 132kV power lines and associated infrastructure from the Silverstreams Distribution Station (DS) to the Olien Main Transmission Substation (MTS) for the Redstone Solar Thermal Power Project near Lime Acres, Northern Cape Province. The proposed project would comprise of the following:

- Construction of two (2) double circuit three phase 132kV Kingbird power lines or technically similar from the Silverstreams DS to the Olien MTS;
- Installation of two (2) 132kV feeder bays at the Olien MTS;
- Construction of a 3x40MVA or 1 x 120MVA 11/132kV step-up substation with 2x132kV feeder bays or technically similar at the proposed Redstone Solar Thermal Power Project site (located outside the solar field);
- Construction of a switchyard at the proposed Redstone Solar Thermal Power Project site (located outside the solar field);
- Possible restringing of the existing power line and construction of a temporary bypass line.

Two (2) route corridor alternatives, that are approximately 1km wide, will be assessed during the BA for the proposed 132kV power lines (Figure i). These are as follows:

- Alternative 2A – approximately 11km
- Alternative 2B – approximately 12km

An Archaeological Impact Assessment has been undertaken for this project. Both corridors were surveyed for the impact assessment. Three heritage sites were identified during the course of the assessment:





HR06: An informal cemetery consisting of five graves. According to the graves are situated about 120 metres to the west of the farmstead.

HR01: The remains of the abandoned Silverstreams Railway Station, including station, storerooms and staff houses

HR02: The dilapidated remains of an old farmstead.

No Palaeontological Impact Assessment has been undertaken for this project. The area is considered to have a high to very high sensitivity. In this instance a field based palaeontological impact assessment must be done and submitted to SAHRA.

Interim Comment:

1. It is recommended that Alternative 2A/Corridor Option 2 should be avoided as far as possible since the Great Pan and Rooi Pan is associated with this corridor.
2. Decisions in terms Built Environment must be referred to the Nogwa-Boswa Ya-Kopane (Mr Ratha Timothy, ratha.timothy@gmail.com)
3. The graves should be restored where these are dilapidated, protected and conserved. For this purpose, a proper fence must be built around them including entry gates to allow visits from relatives and family friends. The fence must be placed 2 meters away from the perimeter of the graves. No development is allowed within 15 meters from the fence line surrounding the graves. Alternatively, The SAHRA Burial Grounds and Graves Unit requires that if the area where the burials are located fall within the development footprint, then provisions stipulated in section 36 of the National Heritage Resources Act (Act No. 25 of 1999) are applicable, The and relocation of these might proceed provided that a public consultation process is followed.
4. A field-based palaeontological assessment must be undertaken and submitted to SAHRA.
5. SAHRA will issue a Final Comment upon receipt of the field-based palaeontological assessment.

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

Yours faithfully

Phillip Hine
Heritage Officer



Silverstreams substation to Olien Substations

Our Ref: 6282

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CaseID: 6282

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an agency of the
Department of Arts and Culture

South African Heritage Resources Agency

Colette Scheermeyer
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South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/173968>
(DEA, Ref: 14/12/16/3/3/1/1202)

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.



The South African Heritage Resources Agency

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