

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 202 8660
Email: nhiggitt@sahra.org.za
CaseID: 20498

Date: Friday August 25, 2023
Page No: 1

Final Comment

In terms of Section 38(4), 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Savannah Environmental (Pty) Ltd

PO Box 148
Sunninghill
2157

AGV Projects (Pty) Ltd is proposing the development of a commercial Photovoltaic(PV) Facility and associated infrastructure on a site located ~16km south-east of the town of Danielskuil and in the Northern Cape Province. The site is located within the Kgatelopele Local Municipality and the ZF Mgcawu District Municipality. The project site comprises the following farm portion: Portion 4 of the Farm Engeland 300 The Limestone PV 1 will have a contracted capacity of between 75MWp to 100MWp. A broader study area of 1842 ha and a preferred project site with an extent of 200-300ha have been identified by AGV Projects (Pty) Ltd as technically suitable for the development of the Limestone PV 1 facility. Environmental Site Establishment processes were undertaken before the initiation of the EIA. The aim of the Environmental Site Establishment processes was to determine the suitability from an environmental and social perspective and identify areas that should be avoided in development planning. The project is planned as part of a larger cluster of renewable energy projects, which includes another 75-100MWp PV Solar Energy Facility (Limestone PV 2) located adjacent to Limestone PV 1 and 360MW Wind Energy Facility (Oryx Wind Energy Facility) also located near Danielskuil. The Limestone PV 1 project site is proposed to accommodate the following infrastructure: PV modules mounted on either a single axis tracking & fixed structure, dependent on optimisation, technology available and cost. Inverters and transformers. Low voltage cabling between the PV modules to the inverters Fence around the project development area with security and access control Camera surveillance Internet connection 33kV cabling between the project components and the facility substation 33/132kV onsite facility substation Battery Energy Storage System (BESS) with a footprint of 3-5ha. Site offices and maintenance buildings, including workshop areas for maintenance and storage as well as parking for staff and visitors. Laydown/staging area on site in front of mounting structures during installation. Temporary store area close to site entrance (Less than 1ha). Access roads (up to 6m wide) and internal distribution roads (up to 4m wide). Temporary concrete batching facility Stormwater management infrastructure as required The Limestone PV 1 facility is proposed in response to the identified objectives of the national and provincial government and local and district

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 202 8660
Email: nhiggitt@sahra.org.za
CaseID: 20498

Date: Friday August 25, 2023
Page No: 2

municipalities to develop renewable energy facilities for power generation purposes. It is the developer's intention to submit a bid in terms of a regulated power purchase procurement process (e.g., REIPPPP) with the aim of evacuating the generated power into the national grid or obtaining a commercial PPA (Power Purchase Agreement). This will aid in the diversification and stabilisation of the country's electricity supply, in line with the objectives of the Integrated Resource Plan (IRP) with the Limestone PV 1 Facility set to inject up to 75MW (peak AC power) into the national grid. From a regional perspective, the area within the Northern Cape identified for the project is considered favourable for the development of a commercial PV facility due to the low environmental sensitivity of the identified site, excellent solar resource, and availability of land on which the development can take place. There is also potential for evacuating the power to the national grid via a direct grid connection at the Olien MTS (Main Transmission Substation) which is adjacent to the proposed site. The site is also in proximity to large electricity users which opens opportunities for commercial PPAs (Behind the metre connection Or Wheeling to a 3rd party off-taker).

Savannah Environmental (Pty) Ltd has been appointed by AGV Projects (Pty) Ltd to conduct an Environmental Authorisation (EA) Application for the proposed Limestone PV 1 Facility and associated infrastructure, near Danielskuil, Northern Cape Province.

A draft Environmental Impact Assessment (EIA) report was submitted in terms of the National Environmental Management Act, Act 107 of 1998 (NEMA) and the NEMA EIA Regulations (As amended). The proposed development will include the construction of PV panels, transformers and inverters, cabling between PV modules, components and facility substation, fencing, on-site substation, Battery Energy Storage System (BESS), site offices and maintenance buildings, laydown areas, access roads, temporary concrete batching facility, stormwater management within a developable area of 300-400 ha.

In a Final Comment issued on the 21/06/2023, SAHRA issued a Final Comment, noting no objections to the development and provided conditions (<https://sahris.sahra.org.za/node/619219>). Since the issuing of the Final Comment, a revised EIA has been submitted with additional information based on comments received during the public review period. The revisions do not change the results or recommendations of the heritage reports.

Final Comment

The Final Comment issued on the 21/06/2023 remains valid and must be adhered to.

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

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 202 8660
Email: nhiggitt@sahra.org.za
CaseID: 20498

Date: Friday August 25, 2023
Page No: 3

Yours faithfully

Natasha Higgitt
Manager: Development Applications Unit
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <https://sahris.sahra.org.za/node/611836>

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.