

Our Ref:



an agency of the  
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
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Tel: 021 462 4502  
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CaseID: 18380

Date: Wednesday June 15, 2022  
Page No: 1

## Final Comment

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

Attention: Savannah Environmental (Pty) Ltd

PO Box 148  
Sunninghill  
2157

The authorised ABO Wind Lichtenburg 1 PV solar energy facility ('the project') is located 12km north of Lichtenburg and 5.5km south of Bakerville in the North West Province. The project is located within Ward 16 of the Ditsobotla Local Municipality and the Ngaka Modiri Molema District Municipality in the North West Province. The development footprint of the solar energy facility is located on Portion 6 of Farm Zamenkomst No. 04 and the Remainder of Portion 4 of Farm Houthaaldoorns No. 2. It is within these properties that the project will be constructed and operated. The following infrastructure was authorised for the project by DFFE, as fully assessed within the Environmental Impact Assessment (EIA) process: Photovoltaic modules with a net generation (contracted) capacity of 100MW; On-site 88/132kV substation; Mounting structures (fixed tilt/static, single-axis or double-axis tracking systems) for the PV arrays and related foundations; DC/AC Inverters, LV/MV power transformers and internal electrical reticulation (underground cabling); A new 88/132kV overhead power line from the on-site substation to the Mmabatho / Watershed DS 1 88kV Power Line; Access and internal road network; Temporary laydown area; Auxiliary buildings (gate-house and security, control centre, office, two warehouses, canteen & visitors centre, rainwater tanks, etc); Perimeter fencing; and Battery Energy Storage System (BESS), with a capacity of up to 500MW/500MWh, an extent of no more than 5ha, and a maximum height of 3.5m<sup>1</sup>. The amendment being applied for through this process relates to the consideration of a part of the assessed Grid Connection Alternative 2 corridor as the preferred corridor in the Environmental Authorisation (EA2) for the project. This will allow the project to connect to the proposed step-up/on-site substation of ABO Wind Lichtenburg 3 PV on the authorised footprint of Lichtenburg 3 PV.

Savannah Environmental (Pty) Ltd has been appointed by ABO Wind Lichtenburg 1 PV (Pty) Ltd to conduct an Environmental Authorisation (EA) Amendment Application for the authorised Lichtenburg 1 PV Solar Energy Facility, near Lichtenburg, North West Province (DFFE Ref: 14/12/16/3/3/1/1091).

An Amendment Motivation Report was submitted in terms of the National Environmental Management Act,

# PROPOSED AMENDMENT TO THE LICHTENBURG 1 PV FACILITY, NORTH WEST PROVINCE

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1998 (NEMA) and the NEMA Environmental Impact Assessment (EIA) Regulations. The proposed amendment will include the change in powerline route to connect the Lichtenburg 1 V facility to the collector substation at Lichtenburg 3 PV facility. It is noted that the proposed amendment is within the originally assessed gird corridor and development area.

SAHRIS Case ID 12843 (<https://sahris.sahra.org.za/cases/lichtenburg-1>) is linked to this case. In a Final Comment issued on 31/01/2019, SAHRA noted no objections to the development and provided conditions (<https://sahris.sahra.org.za/node/520138>).

CTS Heritage has been appointed to provide heritage specialist input into the EA process as per section 24(4)b(iii) of the NEMA and section 38(3) and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

*Lavin, J. 2022. Heritage Screening Assessment for the Proposed Amendment to the Lichtenburg 1 PV Facility, North West Province.*

The heritage screener references the previous heritage assessment conducted for the area and states that no heritage resources were identified within the proposed development area. No further assessment of the impact to heritage resources is recommended, while a Chance Finds Procedure is recommended to be implemented.

## Final Comment

As the commenting timeframe in terms of section 3 the NEMA EIA regulations has concluded, SAHRA cannot provide additional conditions for the development. The applicant must take note of the following:

- If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA APM Unit (Natasha Higgitt/Phillip Hine 021 462 5402) must be alerted as per section 35(3) of the NHRA. Non-compliance with section of the NHRA is an offence in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Thingahangwi Tshivhase/Ngqabutho Madida 012 320 8490), must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with section of the NHRA is an offence in terms of section 51(1)e of the NHRA and item 5 of the Schedule;

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- See section 51 of the NHRA regarding offences;
- The decision regarding the EA Application must be communicated to SAHRA and uploaded to the SAHRIS Case application.

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

Yours faithfully

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Natasha Higgitt  
Heritage Officer  
South African Heritage Resources Agency

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

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**ADMIN:**

Direct URL to case: <https://sahris.sahra.org.za/node/595659>