



an agency of the
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town
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Enquiries: Sityhilelo Ngcatsha
Tel: 0212028663
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CaseID: 19587

Date: Wednesday November 02, 2022
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Final Decision

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

Attention: Marielle Penwarden
ABO Wind Renewable Energies (Pty) Ltd

ABO Wind renewable energies (Pty) Ltd proposes the construction and operation of a grid connection to connect the Springhaas solar PV facilities located south-west of Dealesville in the Free State Province to add new capacity to the national electricity grid. In order for the Springhaas Solar PV facilities to evacuate the generated solar power to the national grid, a connection must be established between the solar PV facilities and the existing Eskom 400kV lines, namely the Beta/Delphi and Beta/Hydra lines located to the east and west of the solar PV facilities respectively. LiLo 2 has a capacity of up to 400kV and is located on Farm Oertel's Rest No. 1181 and Farm Johnna No, 1209, near Dealesville, Bloemfontein, Free State Province

GIBB Environmental (Pty) Ltd has been appointed by ABO Wind renewable energies (Pty) Ltd to register the proposed development of Loop in-Loop Out (Li-Lo) connection from Springhaas Collector B Substation to the Beta/ Delphi 400kV overhead line on the Farm Oertel's Rest No. 1184 and Farm Johanna No. 1209 near Dealesville, Bloemfontein, Free State.

The Background Information Document (BID) has been submitted in terms of the Standard for the Development and Expansion of Power Lines and Substations within Identified Geographical Areas, 2022, as gazetted by GN 2313 of 2022 and promulgated under the National Environmental Management Act (Act 59 of 2008), as amended. Line 2 will be in the Central Strategic Transmission Corridor and the two powerlines will be approximately 460m with a servitude of up to 55m wide.

ASHA Consulting (Pty) Ltd has been appointed to provide the heritage specialist input in terms of Section 38(2) of the National Heritage Resources Act, 1999 (Act No. 25 of 1999) as well as Minimum Standards for the Archaeological and Palaeontological Components of Impact Assessment Reports.

Orton, J. 2022. Heritage Impact Assessment: Proposed LI-LO Connection From Springhaas Collector Substation B to The Beta/Delphi 400kV OHL Within The Proposed Springhaas Grid Connection Corridor Near



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Dealesville In The Free State Province

Several heritage resources which were identified within the heritage studies undertaken for the projects known as the Springhaas (SPH) 1, 3, 4, 5, 6, 8 and 9 solar energy facilities were identified near the grid connection corridor and none of these historical structures were found to occur within the study area, but at least 490m beyond the boundary of the corridor.

These include:

- A shallow earth dam (waypoint 387) at the south-western corner of the corridor of very low heritage significance.
- A small stone ruin (waypoint 293) of medium heritage significance just outside the corridor.
- A stone ruin (waypoint 294) of medium heritage significance just outside the corridor.
- A brick ruin (waypoint 295) of medium heritage significance with at least half its walls collapsed is near waypoint 294.
- A site marked as a possible grave (waypoint 384) lies just outside of the grid connection corridor and well away from the proposed development.
- All heritage resources have been avoided by the project no impacts are expected. All graves have been avoided by more than 50 m.

Bamford, M. 2022. Desktop Study (Phase 1): Palaeontological Impact Assessment for the Proposed LI-LO Connection From Springhaas Collector Substation B to The Beta/Delphi 400kV OHL Within The Proposed Springhaas Grid Connection Corridor Near Dealesville In The Free State Province

The proposed LI-LO route lies on the moderately sensitive Quaternary sands. There is a small chance that fossils may be disturbed, and a Fossil Chance Find Protocol has been added to this report to be implemented during development.

Final Decision

The following conditions are provided in terms of section 38(4) of the NHRA:



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- 38(4)a – The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development with regards to all heritage resources protected in terms of the NHRA;
- 38(4)b – The recommendations of the specialists are supported and must be adhered to. No further additional specific conditions are provided for the development;
- 38(4)c(i) – 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 (Sityhilelo Ngcatsha/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 offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)c(ii) – 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 offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)d – See section 51(1) of the NHRA regarding offenses;
- 38(4)e – The following conditions apply with regards to the appointment of specialists:
- If heritage resources are uncovered during the course of the development, a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the heritage resource. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued by SAHRA;
- The Environmental Sensitivity Report as noted in point 8 of Table 2 of the BID must be submitted to SAHRA for record purposes;
- Should the final pre-negotiated route differ from the proposed route or comments are received during the public commenting period with regards to heritage resources, the HIA and PIA must be amended to assess the new route and address the public comments. The amended HIA and PIA must be submitted to SAHRA for review and decision in terms of section 38(3) and 38(4) of the NHRA;
- The Final Environmental Sensitivity report must include any new decision from SAHRA and the report must be submitted to SAHRA for record purposes;
- SAHRA must be notified of the registration of the development as per point 14 and 15 of Table 2 of the BID.

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

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Yours faithfully

Sityhilelo Ngcatsha
Archaeology, Palaeontology, Meteorite Assistant
South African Heritage Resources Agency

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

ADMIN:
Direct URL to case: <https://sahris.sahra.org.za/node/605460>
(DFFE, Ref:)