

**PROPOSED NEW 132KV GRID CONNECTION AND ASSOCIATED
INFRASTRUCTURE FOR THE AUTHORISED EMOYENI WIND ENERGY
FACILITIES, NEAR MURRAYSBURG, BEAUFORT WEST AND UBUNTU LOCAL
MUNICIPALITIES AND CENTRAL KAROO AND PIXELY KA SEME DISTRICT
MUNICIPALITIES**



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: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 19578

Date: Thursday November 10, 2022
Page No: 1

Final Comment

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

Attention: Eskom Holdings SOC Limited

Limpopo Operating Unit
Land Development and Environment Section

The authorised Khangela Emoyeni and Umsinde Emoyeni Wind Energy Facilities (DFFE Ref: 14/12/16/3/3/2/687 and DFFE Ref.:14/12/16/3/3/2/686) have been selected as preferred bidder projects via private off take (i.e. private power purchase) procurement processes. The grid connection infrastructure for these two wind farm projects was previously assessed and authorised by the DFFE (DFFE Ref:14/12/16/3/3/2/684 and DFFE Ref.:14/12/16/3/3/2/685). However, following receipt of the relevant Environmental Authorisations for the grid connection infrastructure for the Umsinde and Khangela Emoyeni Wind Energy Facility, it was noted that several listed activities that were relevant to the grid infrastructure had not been considered, therefore a new Basic Assessment process will be undertaken that will now consider all the applicable listed activities as per the EIA Regulations. In addition, based on further technical analysis and liaison with Eskom it was determined that the previously authorised powerline routing is no longer optimal/suitable, and would need to be revised/optimized for the final layout and to comply with financial close requirements. A new Basic Assessment will therefore be undertaken to assess the revised (re-optimised) layout as well as all applicable listed activities, including the listed activities omitted from the original BA process. The proposed grid connection infrastructure will span between the Northern Cape and Western Cape Provinces.

Nala Environmental Consulting has been appointed by Eskom Holdings SOC Limited to conduct an Environmental Authorisation (EA) Application for the proposed new 132KV Grid connection and associated infrastructure for the authorised Emoyeni Wind Energy Facilities, near Murraysburg, Beaufort West & Ubuntu Local Municipalities and Central Karoo & Pixely Ka Seme District Municipalities, Western Cape and Northern Cape Provinces.

It must be noted that this comment will only pertain to the Northern Cape section of the proposed development. Comments for the Western Cape sections of this development must be sought from Heritage



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

Western Cape (HWC).

A draft Basic Assessment Report (DBAR) has been submitted in terms of the National Environmental Management Act, 1998 (NEMA) and the 2017 NEMA Environmental Impact Assessment (EIA) Regulations. The proposed development will include the construction of a 132kV powerline. Only a short section of the proposed powerline will pass through the Northern Cape Province, on farm Klipplaat 109.

Banzai Environmental (Pty) Ltd and PGS Heritage (Pty) Ltd were appointed to provide heritage specialist input as required by section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

Butler, E. 2022. Palaeontological Impact Assessment for the proposed powerline and grid connection associated with the authorised Umsinde Emoyeni and Khangela Emoyeni Wind Energy Facilities in the Northern Cape

The proposed development area is underlain by Quaternary superficial deposits, Balfour and Teekloof Formations of the Adelaide Subgroup, and Jurassic Dolerite. A few weathered, fossiliferous outcrops were identified in the development footprint with fragmented fossils, however, it is unclear where these resources are located. A Chance Find Protocol is recommended to be followed.

Mann, N and Fourie, W. 2022. Heritage Impact Assessment for the proposed 132kV powerline associated with the Emoyeni Wind Energy Facilities and Associated Infrastructure, near Murraysburg, Western and Northern Cape Provinces.

No heritage resources were identified within the Northern Cape section of the proposed powerline. A Chance Finds Procedure is recommended to be implemented.

On the 04/10/2022, a letter was submitted notifying SAHRA of the resubmission of the BAR following the publishing of GNR. 2313 regarding the possible exclusion of the EA process for the proposed development.

In an Interim Comment issued on the 04/10/2022, SAHRA requested that the PIA be revised to include a map of the identified fossils, a description of the identified fossils and an assessment of the significance of the identified fossils. Since the issuing of the Interim Comment, a revised PIA has been submitted (12/10/2022). The PIA revisions are shown in red in the report. No fossils were identified within the Northern Cape section of

**PROPOSED NEW 132KV GRID CONNECTION AND ASSOCIATED
INFRASTRUCTURE FOR THE AUTHORISED EMOYENI WIND ENERGY
FACILITIES, NEAR MURRAYSBURG, BEAUFORT WEST AND UBUNTU LOCAL
MUNICIPALITIES AND CENTRAL KAROO AND PIXELY KA SEME DISTRICT
MUNICIPALITIES**



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: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 19578

Date: Thursday November 10, 2022
Page No: 3

the development.

Final Comment

*These comments are only valid for the Northern Cape section of the proposed development.

The following comments are made as a requirement in terms of section 3(4) of the NEMA Regulations and section 38(8) of the NHRA in the format provided in section 38(4) of the NHRA and must be included in the Final BAR and EMPr:

- 38(4)a – The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development;
- 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 (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 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/Nggabutho 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 of the NHRA regarding offences;
- 38(4)e – The following conditions apply with regards to the appointment of specialists:
 - With reference to the mitigation work noted above, a qualified archaeologist must be appointed to undertake the work in terms of the permit applied for as noted above;
 - 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 Final BAR and EMPr must be submitted to SAHRA for record purposes;
- The decision regarding the EA Application must be communicated to SAHRA and uploaded to the

**PROPOSED NEW 132KV GRID CONNECTION AND ASSOCIATED
INFRASTRUCTURE FOR THE AUTHORISED EMOYENI WIND ENERGY
FACILITIES, NEAR MURRAYSBURG, BEAUFORT WEST AND UBUNTU LOCAL
MUNICIPALITIES AND CENTRAL KAROO AND PIXELY KA SEME DISTRICT
MUNICIPALITIES**



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: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 19578

Date: Thursday November 10, 2022
Page No: 4

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

Natasha Higgitt
Heritage Officer
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/605392>
(DEA, Ref:)

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.