

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: Briege Williams
Tel: 021 462 4502
Email: bwilliams@sahra.org.za
CaseID: 15687

Date: Thursday November 17, 2022
Page No: 1

Final Comment

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

Attention: Hantie Plomp
Triplo4 Sustainable Solutions

The Project entails the generation of electricity from one Powership moored in the Port of Saldanha Bay, fueled with natural gas supplied from a second ship, a FSRU. The two ships will be moored in the port for the Project's contracted 20-year lifespan (as per the RMIPPPP requirements). A LNGC will bring in LNG and offload it to the FSRU approximately once every 20 to 30 days, dependent on power demand which is determined by the buyer, ESKOM. The FSRU stores the LNG onboard and turns the liquid form into gaseous form (Natural Gas) upon demand from the Powership (Regasification). Natural gas will be transferred from the FSRU to the Powership via a subsea gas and overland pipeline. Electricity will be generated on the Powership by 24 reciprocating engines, each having a heat input in excess of 10MW (design capacity of 18.32MW each at full capacity). Heat generated by operation of the reciprocating engines is captured, and that energy is used to create steam to drive two steam turbines that each have a heat input of circa 15.45MW. The contracted capacity of 320MW, which will be measured at the Point of Utility Connection located at the new switching station, and which cannot be exceeded under the terms of the RMIPPPP, will be evacuated via a 132 kV transmission line. This line of approximately 7.5km in length will interconnect the Powership to the National Grid utilising the existing Aurora- Saldanha Steel network via a new 132kV on shore switching station.

The South African Heritage Resources Agency (SAHRA) would like to thank you for submitting the revised Draft Environmental Impact Assessment (DEIA) report for the Proposed Gas to Power Powership Project at the Port of Saldanha Bay, Saldanha Local Municipality, Western Cape, South Africa.

SAHRA previously issued a final comment for this project in May 2021 and Closed(approved) the case, however, the application for Environmental Authorisation was refused. After various stages of appeal, it has been noted that DFFE has advised that an updated EIAr, addressing the various gaps in information, and subject to a Public Participation Process (PPP), must be submitted to the Competent Authority for reconsideration. SAHRA was advised of the new process on 24th October 2022 and informed the applicant that updated documents must be uploaded onto the existing case on SAHRIS so that they can be reviewed for any changes that may impact any heritage resources. The relevant documents were uploaded onto SAHRIS

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: Briega Williams
Tel: 021 462 4502
Email: bwilliams@sahra.org.za
CaseID: 15687

Date: Thursday November 17, 2022
Page No: 2

on 14th November 2022.

Having reviewed the DEIA SAHRA is pleased to note that maritime heritage has been addressed and mitigation measures have been recommended. Sections 6.2.3 and 7.5.10 make reference to maritime heritage and include measures to be undertaken during the proposed project. SAHRA supports these measures and emphasises that the recommendations set out in section 7.5.10 must be adhered to should any cultural heritage come to light. The recommendations must also be included in any EMP_r produced for the project.

Should any shipwrecks be identified as part of this project then SAHRA must be notified to enable the information to be added to the national shipwreck database. Any new discoveries or updated data is a valuable resource in adding to our knowledge of South Africa's maritime history.

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

Yours faithfully

Briega Williams
Heritage Officer
South African Heritage Resources Agency

Lesla Grange
Manager: Maritime and Underwater Cultural Heritage
South African Heritage Resources Agency

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: Briege Williams
Tel: 021 462 4502
Email: bwilliams@sahra.org.za
CaseID: 15687

Date: Thursday November 17, 2022
Page No: 3

ADMIN:

Direct URL to case: <https://sahris.sahra.org.za/node/543515>

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.