

**ENVIRONMENTAL COMPLIANCE
QUATERLY REPORT # 1**

**PROJECT: MOORREESBURG-VYEVLEI
66KV POWERLINE AND SUBSTATION**

DEA REF NO.: 12/12/20/1825

**FOR SUBMISSION TO THE DEPARTMENT
OF ENVIRONMENTAL AFFAIRS,
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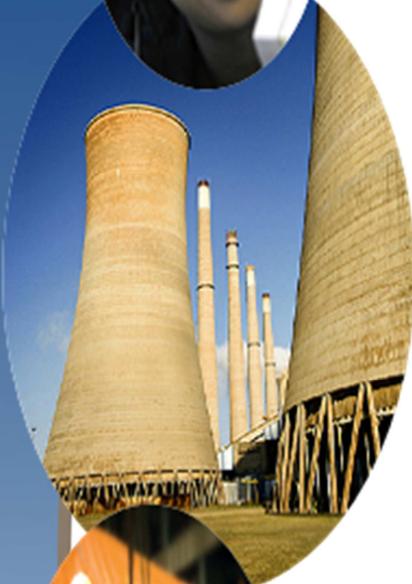


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1. Project Background

An Environmental Authorisation (EA) was issued to Eskom Holdings SOC Ltd (Eskom) on 29 November 2010 by the Department of Environmental Affairs (DEA) for the construction of the Moorreesburg-Vyevlei 66kV Powerline and Substation, between the towns of Malmesbury and Moorreesburg in the Swartland Local Municipality in the Western Cape. The project involves the construction of the following:

- a) Construction of a 66kV powerline (approximately 30km) from Moorreesburg substation towards Vyevlei substation;
- b) Construction of a 66kV feeder bay at Moorreesburg substation to cater for the Vyevlei substation;
- c) Construction of a Vyevlei 1x10MVA 66/11kV step-down substation consisting of 1x66kV feeder bay and 2x11kV feeder bays (Vyevlei F1 and F2);
- d) Construction of access route to the substation site for construction and maintenance purposes.

As per condition 19 in the EA Eskom appointed a qualified Environmental Control Officer (ECO) for the construction phase of the development that will have the responsibility to ensure that the mitigation / rehabilitation measures and recommendations referred to in the EA are implemented and to ensure compliance with the provisions in the Environmental Management Plan (EMP).

As per the EMP, the ECO will undertake regular inspections of the Contractor's site as well as the construction works in order to check for compliance with the EMP in terms of the specifications. The ECO also has the responsibility of submitting quarterly environmental compliance reports to the DEA for the duration of the construction period.

2. Site audits and observations

This quarterly report is based on audits that were conducted from 8 October 2014 to 25 February 2015. Three Contractors are involved with construction activities, namely:

- a) Eskom's Major Engineering Works (MEW) responsible for line construction of towers 58 – 113 (Vyevlei Substation terminal structure) and new feeder bays in the existing Moorreesburg Substation;
- b) Roshcon Holdings SOC Ltd responsible for line construction of towers 57 – 1 (Moorreesburg Substation gantry);
- c) Adenco Construction PTY (LTD) responsible for the construction of the new Vyevlei Substation.

It should be noted that audits were not conducted during the Builders Holiday i.e. 15 December 2014 – 12 January 2015.

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The latest compliance statuses for the contractors are:

- a) Eskom's Major Engineering Works (MEW): **95%** on 20 February 2015
- b) Roshcon Holdings SOC Ltd: **100%** on 25 February 2015
- c) Adenco Construction PTY (LTD): **100%** on 24 February 2015

All the ECO audit reports conducted during the period October 2014 and February 2015 can be found in Addenda A.

Compliance checklists for the EA and EMP can be found in Addenda B1 and B2, respectively.

3. Environmental incidents and complaints

There were no complaints recorded for this period of construction.

Two incidents were recorded; namely, one wildlife incident and the other a minor oil spill incident. Refer to Addenda C for details.

4. Permits and approvals obtained

The only permit that was obtained in addition to the EA was a general authorisation in terms of the National Water Act, 36 of 1998, for construction within 100 meters of watercourses. The permit is attached in Addenda D.