



de villiers & moore
(pty) ltd



De Villiers & Moore Centre
Voortrekker Street
P O Box 472
DURBANVILLE
7551
Tel: (021) 976 3087
Fax: (021) 976 2716

CONSULTING ENGINEERS ELECTRICAL, MECHANICAL, ENERGY

Reg No. 99/006693/07

Our Ref: R4433/A/2139
Date: 26 FEBRUARY 2016

Your Ref:

Branch Offices: Stellenbosch & George

E-Mail: admin@devmoore.co.za
Web Page: www.devmoore.co.za

Vortum Energy (Pty) Ltd
c/o Plan Wize Town and Regional Planners
P.O. Box 2445
THABAZIMBI
0380

ATTENTION : MRS IZEL VAN ROOY

R4433 : LANGEBERG FARM 188 REMAINING EXTENT : PROPOSED VORTUM THERMAL POWER PLANT

Herewith our concept services report for the electricity supply to the proposed development of a thermal power plant on the extent of Langeberg Farm 188. This report is compiled from information obtained at Eskom in Brackenfell, and based on their preliminary assessment of power availability in the area.

PURPOSE OF THIS REPORT

This report is compiled to :

- consolidate the principles, concepts and specific requirements for the proposed project
- provide the basic information parameters of available services
- provide a general overview of existing services available in the area

BULK SERVICES

The supply authority for the area is Eskom.

Based on discussions held with Eskom, there is high voltage capacity available in the area, feeding the existing Saldanha Steel and Namakwa Sands factories from Blouwater Bay substation. The power lines run in existing servitudes. There is several 132kV, 50kV and 66kV-lines.

There is also an 11kV-distribution line (Northern Line) to the north of the development (at sections 135/29, 188/5, 188/4 & 188/3). This 11kV-line has limited capacity available for the supply of auxiliary services and small-user connections. This is the closest point of supply to the complete site between roads TR85/1 and the gravel road, north of the proposed site.

Due to several developments earmarked for this area, Eskom indicated that they will construct a new 132/11kV-substation in order to feed the industrial developments proposed. This will only commence with the first heavy-industry development to proceed in this area.

Registered Member : Consulting Engineers South Africa (CESA)

DIRECTORS: A.H. SILBERBAUER Pr Tech Eng, R.G. HALL Pr Eng B.Sc. Eng, C.H. KOCH Pr Eng B.Eng, T.H. HEYNS Pr Tech Eng,
W.J. BADENHORST Pr Tech Eng



OTHER DEVELOPMENTS

Should other industrial developments be constructed prior to this proposed Thermal Powerplant development, the construction by Eskom of an additional 132/11kV-substation may commence earlier, ensuring a secure 11kV-supply in close proximity to the proposed thermal power plant.

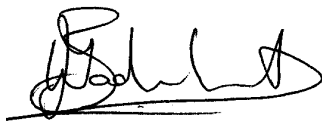
Should this not be the case, and the power supply required is larger than the capacity available on the Northern Line, a new 11kV-line will be constructed from Blouwaterbay Substation to the proposed facility, to cater for the auxiliary power requirements. This will be a dedicated line to this facility only.

TELKOM RETICULATION

Telkom services are available at Saldanha Steel and at Namakwa Sands. These services will be extended to the proposed development.

Should you require any additional information, kindly do not hesitate to contact us.

Yours faithfully

A handwritten signature in black ink, appearing to read 'W. Badenhorst', written over a horizontal line.

WESSEL BADENHORST
PR. TECH ENG

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