

Client: Menlyn Maine Investment Holdings (Pty) Ltd

Value: R 13.2 million

Services: Electrical design; contract management and construction supervision

Project Duration: Sept 2014 – Dec 2015

# Corobay Corner Satellite Substation

Menlyn Main Development: Electrical Infrastructure Design

## The Task

Nurizon was appointed to complete the design for Corobay Corner's satellite substation to form a distribution point between the Highlands substation and the Menlyn Main Southern Precinct, which included medium voltage network and lighting designs.

## Design Services

The new satellite substation (maximum 35MVA capacity) consists of five Main Feeder (MF or incomer) panels and ten Radial Feeder (RF) panels. The designs for the medium voltage cable network connect the MF panel to the Highlands substation (132/11kV, 105 MVA), whilst the RF panels connect the Southern Precinct to the Corobay satellite substation. Street and area lighting (both LED) and fibre optic network sleeve routes were also undertaken as part of the appointment.

Specific design services included concept and viability studies, design development, document production and procurement; and contract administration, inspection and close out.

## The Result

A fit for purpose electrical infrastructure design was submitted to the client as part of the development for the Corobay Corner area of Menlyn Maine's Southern Precinct development in Pretoria.



Photo courtesy of MMIH



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