

CEM 220 kV Substation Macau – 2007/ 2008

CLIENT

CEM - Companhia de Electricidade de Macau

PROVISION OF SERVICES

Design
Works Supervision

PROJECT

Status:	Completed
Contractor:	Mei Cheong Construction
Site Area (m2):	1 876
Construction Area (m2):	4 058
Construction Cost (Million MOP\$):	26

With the rapid growth of Macau economy in the recent years, demand for power supply in Macau has increased tremendously. In order to satisfy this significant increase in demand, CEM requires to build the first 220kV Substation in Macau on an existing park along the Canal dos Patos. The new substation building should accommodate 4 transformer bays (for 180MVA, 220/110kV transformers), new 110kV and 220kV GIS rooms, protection and control room and other technical rooms.

The main design concept is to present this substation as the icon of CEM's vibrant and dynamic image.

