## **High Load Development**

High load development, e.g. data centre, of less than 20MVA electricity supply demand require an 11kV supply network with distribution substations inside the customer's premises supplying a number of load blocks varying from 2 to 9MVA.

Development of higher electricity supply demand and higher supply security can be achieved by building a 132kV transmission plant room inside the customer's premises or lot depending on site conditions and the customer's development. The 132kV supply is transformed down to 11kV as the infeed source for an 11kV supply network to supply several distribution substations inside the customer's premises.

Depending on the actual demand of the new supply application, the typical supply capacities for high load development with transmission plant room are 50MVA, 100MVA and 150MVA. For meeting the supply security standard of the specific high load development, CLP Power will arrange for the electricity network configuration to suit.

For layout of the accommodation to house the 132kV supply plant and equipment, please refer to the attached typical 132kV transmission plant room layout drawings. \* The drawings are for illustration purpose only, the final arrangement for individual site is subject to the agreement between the customer and CLP Power for specific site conditions and requirements.

Only English version is available for this document. 本文檔僅提供英文版本。

## **CONTACT US:**

You can contact our Account Manager by email (accmgr@clp.com.hk) or on telephone no. (2678-2660) and we are happy to arrange our Engineer to discuss the technical details of your proposed installation.

您可以透過電郵(accmgr@clp.com.hk)或電話號碼(2678-2660)與我們的客戶經理 聯繫。我們很樂意安排相關的工程師與您討論您建議裝置的技術細節。















