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中華電力有限公司
CLP Power Hong Kong Limited

CLP Power Introduces High-Voltage Pillar Solution to Support EV Fast Charging Development

As the number of electric vehicle (EV) in Hong Kong continues to grow, demand for fast-charging facilities is increasing steadily. CLP Power Hong Kong Limited (CLP Power) continues to enhance its power supply network while providing flexible and diversified power supply solutions tailored to the needs of different charging projects, helping the industry accelerate the expansion of Hong Kong's EV charging network.

The Sinopec PIT Ultra Kowloon Bay Supercharging Station, converted from a petrol filling station, has recently commenced operation and is among the first batch of EV supercharging stations in CLP Power's supply area to adopt a High-voltage Pillar solution. From the planning stage, CLP Power worked closely with Sinopec, providing technical support on site assessment, power supply design and construction coordination.

To meet the site's specific operational requirements, CLP Power developed a customised High-voltage Pillar solution for the supercharging station. The solution offers greater flexibility in power supply arrangements while helping to shorten construction time and reduce project costs.

In addition to High-voltage Pillars, CLP Power provides diverse power supply solutions tailored to industry needs, site conditions and development scale, including outdoor substations and low-voltage cable supply. These solutions can meet the power demand of large-scale outdoor charging facilities, facilitate the wider deployment of charging infrastructure, and provide flexibility for future expansion.

CLP Power Managing Director Mr Joseph Law said, "Hong Kong's EV market has entered a new phase of rapid growth. As an orchestrator of the EV ecosystem, CLP Power continues to bring together stakeholders across the EV value chain while

expanding and enhancing our power supply network. To address the evolving needs of the industry, we provide diversified power supply solutions and professional advisory services. Looking ahead, we will continue to introduce innovative and smart services to accelerate the development of Hong Kong's EV ecosystem and support the city's journey towards carbon neutrality."

To support the Government's Fast Charger Incentive Scheme and the development of charging infrastructure, CLP Power has identified around 8,000 potential locations within its supply area suitable for the installation of fast chargers. This information serves as a reference for market stakeholders, enabling more effective planning and deployment of charging facilities.

About CLP Power Hong Kong Limited

CLP Power Hong Kong Limited (CLP Power) is the Hong Kong utility subsidiary wholly owned by CLP Holdings Limited, a company listed on the Hong Kong Stock Exchange and one of the largest investor-owned power businesses in Asia. CLP Power operates a vertically integrated electricity supply business in Hong Kong, and provides a highly reliable supply of electricity and excellent customer services to more than six million people in its supply area.

Photo Captions:

Photo 1



CLP Power provides professional technical support and a customised power supply solution to help bring the EV supercharging station into operation.

Photo 2



The EV fast-charging stations in Kowloon Bay and Fo Tan are among the first batch of charging sites to adopt High-voltage Pillars, helping to shorten construction time and reduce project costs.

Photo 3



Managing Director of CLP Power Mr Joseph Law expresses his appreciation to teams from CLP Power and Sinopec for their collaborative efforts to ensure the successful launch of the supercharging station.

Photo 4



Mr Tse Chin-wan, Secretary for Environment and Ecology (centre); Mr Chan Hak-kan (fifth from right) and Mr Chan Han-pan (fourth from right), Legislative Council Members; Mr Xiong Xiaoyang, Chief Representative of Sinopec in Hong Kong (fifth from left); Mr Wu Qinggao, Director and General Manager of Sinopec (Hong Kong) Limited (third from right); Mr Joseph Law, Managing Director of CLP Power (second from right) and other guests attend the opening ceremony of the Kowloon Bay Supercharging Station.

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