

3 June 2025

LegCo Panel on Environmental Affairs Visits CLP Power Shatin Centre to Understand CLP Power's Use of Innovative Technologies to Enhance Power Grid Resilience

Legislative Council (LegCo) Panel on Environmental Affairs Chairman Mr Lau Kwok-fan, Deputy Chairman Ms Judy Chan and other legislators visited CLP Power Hong Kong Limited (CLP Power) Shatin Centre today (3 June) for an in-depth understanding of how CLP Power leverages innovative technologies and power expertise to propel initiatives of low-altitude economy (LAE), smart grid, transport electrification and the Northern Metropolis development to further enhance its supply reliability and support Hong Kong's smart city development.

Accompanied by CLP Power Managing Director Mr Joseph Law and Chief Corporate Development Officer Ms Quince Chong, the legislators were briefed on CLP Power's "Beyond Visual Line of Sight (BVLOS)" drone operations to inspect transmission towers and overhead lines, one of the first batch pilot projects of the Government's LAE Regulatory Sandbox. CLP Power drone team members gave the legislators a live demonstration of drone inspection of outdoor power facilities, showcasing how BVLOS drone operations can enhance inspection and maintenance efficiency in strengthening the power grid's resilience against extreme weather. The pilot project is a prime example of how CLP Power and the business sector makes good use of the LAE Regulatory Sandbox to support industry development and enhance smart city infrastructure.

The legislators then visited CLP Power's newly established Grid-V Condition Monitoring Centre to understand how engineering staff makes use of the intelligent management system Grid-V for comprehensive management and smart monitoring of critical power infrastructure to identify potential risks and abnormalities in real time. They also learnt about CLP Power's adoption of various innovative technologies with a view to enhancing grid performance and further maintaining supply reliability.

The legislators also had a better understanding of CLP Power's role as an orchestrator of Hong Kong's electric vehicle (EV) ecosystem to fully support the Government in accelerating EV development in Hong Kong, with key initiatives like the development of the eMobility Grid Management Platform (eGMP) and promotion of mega EV fast charging facilities. In addition, the legislators were given an overview of CLP Power's

transmission and distribution projects in the Northern Metropolis, which included grid enhancement and extension works, as well as provision of new power facilities to meet the area's growing electricity needs. CLP Power is also providing full support for innovation and technology development, such as supercomputing centres and data centres, in the Northern Metropolis.

CLP Power Managing Director Mr Joseph Law described the exchange as a valuable opportunity for legislators to gain a deeper understanding of CLP Power's innovative technology developments across various business areas. He said, "To support Hong Kong's sustainable development and mitigate the challenges posed by extreme weather, CLP Power will continue to leverage our power expertise and adopt innovative technologies to further enhance grid resilience. We will actively support government policies on transport electrification, new development areas and smart city infrastructure to foster Hong Kong's development into a green and smart city."

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 Managing Director Mr Joseph Law (sixth from right) and Chief Corporate Development Officer Ms Quince Chong (first from left) accompany the LegCo Panel on Environmental Affairs Chairman Mr Lau Kwok-fan (sixth from left), Deputy Chairman Ms Judy Chan (fifth from left), and other legislators on a visit to CLP Power Shatin Centre.

Photo 2:



Legislators observe CLP Power drone team demonstrate how to inspect outdoor power facilities with “Beyond Visual Line of Sight (BVLOS)” drone operations, which enhance inspection and maintenance efficiency.

Photo 3:



Legislators visit CLP Power’s newly established Grid-V Condition Monitoring Centre to learn about Grid-V’s comprehensive management and smart monitoring of critical power infrastructure, which enables quick mitigation of potential risks.

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