

LegCo Panel on Environmental Affairs visits innovative technology projects of CLP (with photos)

The following is issued on behalf of the Legislative Council Secretariat:

The Legislative Council Panel on Environmental Affairs visited the CLP Power Hong Kong Limited's (CLP) Shatin Centre today (June 3) to gain a deeper understanding of the power company's latest developments and innovative technology projects.

Upon arriving at the CLP's Shatin Centre, Members received a briefing from the management of the CLP on its progress in accelerating transport electrification. Members noted that the CLP had been offering technical support to charging service operators to expedite the development and installation of charging facilities to promote the use and popularization of electric vehicles. Moreover, Members noted that the CLP had signed memorandums pleading its participation in the development of the Northern Metropolis. The power company had reserved power system capacity to meet the area's current and future developments, including innovation and technology, industry and commerce, housing, etc.

Members then watched a demonstration of a "beyond visual line of sight" (BVLOS) drone for inspecting power facilities. The BVLOS drone project was one of the first batch of pilot projects under the Government's Low-altitude Economy Regulatory Sandbox. The CLP had been conducting trials with BVLOS drones on designated flight routes to evaluate their feasibility, safety and effectiveness in checking critical power supply facilities to increase inspection efficiency.

Afterwards, Members learnt about the CLP's Grid-Visualization (Grid-V), an advanced management system introduced for monitoring the operation of the power company's critical power facilities to further enhance the reliability of power supply. Utilizing AI, the Grid-V management system integrates and monitors real-time signals from about 3 000 sensors and cameras across the power company's electricity networks in Hong Kong, alerting engineering personnel to respond to incidents immediately when potential risks are detected.

A total of 10 members and non-members of the Panel on Environmental Affairs participated in the visit.

