

Government concerned about CLP's voltage dip incident at 400kV overhead power supply system

The Environment and Ecology Bureau is very concerned about the voltage dip incident occurred at CLP Power Hong Kong Limited (CLP)'s 400kV overhead line power supply system connecting Yuen Long and Shenzhen in the early morning today (June 23).

Previously, the Secretary for Environment and Ecology indicated that CLP needed to examine its company culture and management system for the entire power supply system to identify the root causes of the problem, make fundamental improvements to reduce the chances of similar incidents in the future, and maintain the stable and reliable power supply that Hong Kong has always been proud of. He also requested CLP to allocate resources for an independent consultant and the independent consultant would be engaged by the Electrical and Mechanical Services Department (EMSD), to conduct a re-examination of all voltage dips and power supply interruption incidents that occurred in the past three years, conduct a comprehensive review of the management system, provide comprehensive recommendations on how to enhance the stability and reliability of the power supply, and reduce the chances of similar incidents in the future. It was required to complete the tasks and submit a report within 12 months.

According to CLP, it was suspected that this voltage dip incident occurred during Thunderstorm Warning, under which the 400kV overhead power supply system was affected by the unstable weather. The Secretary for Environment and Ecology was of the view that CLP should not wait until the completion of the review for its result, but should enhance the capability of power supply system, particularly the lightning protection capability of 400 kV overhead line towers, as soon as possible to withstand the impact of inclement weather, and hence has instructed the Director of Electrical and Mechanical Services to follow up the matter with CLP immediately with a view to reducing the risk brought about by the high frequency of Thunderstorm Warnings during these few months.

EMSD has requested CLP to identify the cause of the power supply incident as soon as possible, formulate improvement plans and submit a detailed report within four weeks in accordance with the Electricity Ordinance (Cap. 406).