

27 January 2024

Submission of Report on Power Incident in Tsing Yi

CLP Power Hong Kong Limited (CLP Power) today (27 January) submitted the investigation report to Electrical and Mechanical Services Department regarding the voltage dip incident at Nga Ying Chau Street Substation which occurred on 1 January 2024 in Tsing Yi following the submission of the investigation report on 20 January concerning the power incident at On Mei House of Cheung On Estate which occurred on 7 January.

After an in-depth investigation and a review by an independent electrical engineering expert, it is confirmed that the two incidents were isolated cases, occurring at two different power systems with different voltage levels.

Regarding the incident at Nga Ying Chau Street Substation on 1 January, a 132kV cable sealing end inside the substation was faulty. The automatic protection system immediately isolated the faulty section. There was a brief voltage dip and no interruption to power supply. After a detailed investigation, it was found that the insulation material inside the faulty cable sealing end had degraded, causing a short circuit which resulted in the fault.

With regard to the power incident at On Mei House on 7 January, the cable joint of a 11kV cable inside one of the customer substations in On Mei House was faulty, interrupting power supply to about half of the customers (388 customers) in the building. After a thorough investigation, it was found that the waterproofing capability of the faulty cable joint had deteriorated, allowing moisture to seep into the inner part of the joint, causing a fault in the power system. CLP Power replaced the faulty cable joint on the same day.

CLP Power understands the concern of our customers about the two power incidents and has taken immediate additional measures to complete inspection of the power equipment in the Tsing Yi district. The company is also inspecting the same type of cable sealing ends and cable joints in other districts. Looking ahead, CLP Power will strengthen liaison with property management companies to enhance coordination in

responding to incidents and will continue to maintain close communication with community leaders to ensure timely dissemination of information to affected customers.

CLP Power has been striving to provide a reliable power supply by making reference to international standards and adopting industry best practices for maintenance work. To further improve the processes, CLP Power will work with an independent industry consultant to review the maintenance arrangements of the transmission and distribution system. CLP Power will learn from this experience and implement practical measures to minimise the likelihood of power incidents.

CLP Power sincerely apologises again to residents who were affected by the incidents and would like to thank the affected customers and community leaders for their understanding.

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