

6 July 2022

## **CLP Power Submits Further Report on Cable Bridge Fire Incident**

A CLP cable bridge located near The Spectra, Wang Lok Street in Yuen Long caught fire on 21 June, affecting power supply to customers in Yuen Long, Tin Shui Wai and Tuen Mun. CLP Power Hong Kong Limited (CLP Power) submitted a preliminary report on 24 June and a further report today (6 July) to the Government at its request 14 days after the incident.

In the past two weeks, CLP Power has closely communicated with relevant Government departments and cooperated with their investigations. A joint site inspection with the Government departments concerned was conducted on 26 June for evidence collection. The cause of the fire cannot yet be determined until the full results of various laboratory tests and analyses are available.

The report highlighted that before the incident on 21 June, there were no known operational or fault incidents in the power supply system in Yuen Long, Tin Shui Wai and Tuen Mun. The cables were operating below their design load limit, and there was no overloading issue. As for the cause of the fire incident, the report has established the following:

- During discussions between CLP Power and the Fire Services Department after the joint inspection on 26 June, and subsequent discussions with the Police, Fire Services Department, Government Laboratory and other Government departments, it has been agreed that at present there are no obvious signs that the fire resulted from foul play;
- The electrical protection operated as designed and automatically isolated the damaged circuits from the CLP Power's system within milliseconds and therefore, protection system operation is not considered to be a contributing factor to the incident;

- Whilst the weather on the day of the incident was hot, the weather as an environmental factor is not considered to be a contributing factor to the incident.

The cable bridge concerned was commissioned in 1992. Its design complied with the relevant statutory requirements. Apart from the cable bridge concerned, there are four other cable bridges in CLP Power's supply area. After the incident, CLP Power immediately examined the four cable bridges, and confirmed that they are functioning properly.

To alleviate public concerns, CLP Power has taken and will implement a series of additional risk reduction measures, including inspecting the condition and equipment of each cable bridge immediately, increasing patrols and inspections of such bridges, as well as enhancing the security systems and fire protection equipment at the cable bridges.

In addition, after collating and analysing relevant data, CLP Power confirmed that around 175,000 customers were affected on the night of the cable bridge fire incident. To restore power to the affected customers, CLP Power immediately conducted capacity and loading assessments and formulated power restoration procedures for the arrangement of emergency power supplies. Priority was given to essential services including hospitals and railways. While ensuring the operations of public facilities and services, supply restoration was arranged in stages to affected customers, having regard to electricity demand and network configuration.

With the tremendous effort of the engineering teams and emergency supply arrangement, CLP Power restored power supply to around 90% of the affected customers (155,000 customers) at around 1:30am on 22 June, and the remaining 20,000 customers at around 8am on the same day.

CLP Power's engineering teams worked around the clock and made every effort to lay the replacement high-voltage cables. Three 132kV high-voltage replacement cables were energised on 24, 27 and 28 June respectively, fully restoring the power supply capability of CLP Power's power grid in the affected regions.

CLP Power has been providing reliable power supply to the community and this was a rare incident that affected the power supply system in Yuen Long, Tin Shui Wai and Tuen Mun. CLP Power once again extends sincere apologies to the affected customers and expresses appreciation for their understanding. CLP Power would also like to thank relevant Government departments including Fire Services Department, the

Police, Home Affairs Department, Housing Department, Buildings Department, Education Bureau and Drainage Services Department etc. for their assistance.

CLP Power will continue to closely communicate with relevant Government departments and follow up on the investigation. Upon completion, the investigation results will be communicated to the public in a timely manner.

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