

香港電燈有限公司  
The Hongkong Electric Co., Ltd.

香港堅尼地道四十四號港燈中心  
Hongkong Electric Centre, 44 Kennedy Road, Hong Kong  
電話 /Tel 2843 3111 傳真 /Fax 2810 0506  
電郵 /Email mail@hkelectric.com  
www.hkelectric.com



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## **Lamma Power Station Hosts LegCo Visit to Understand HK Electric's Operation and Climate Resilience Measures**

Members of the Legislative Council (LegCo), including Chairperson Lau Kwok-fan and Vice-Chairperson Chan Siu-hung of the Panel on Environmental Affairs, visited HK Electric Lamma Power Station (LPS) today (7 October 2024). They were briefed on HK Electric's decarbonisation and environmental initiatives to support the Government's goal of reducing emissions and the city's carbon footprint.

The legislators also learned about the operation of key facilities at LPS, including the new gas-fired generating units and the enhanced flood prevention measures implemented to protect against storm surges and overtopping waves, as well as new anti-flooding measures at new and existing substations. These initiatives will help HK Electric cope with the severe challenges posed by adverse and extreme weather events until the end of the century, ensuring the stability and reliability of HK Electric's power system.

Accompanied by HK Electric Managing Director, Mr. Francis C.Y. Cheng, the legislators toured the turbine hall of the L12 gas-fired generating unit, which commenced operation earlier this year as well as its central control centre. They noted that HK Electric is committed to further decarbonisation and reducing emissions of other air pollutants through the replacement of coal-fired generation units with gas-fired units. Mr. Cheng stated that coal will no longer be used for daily power generation by 2035.

Mr. Cheng added that HK Electric is making preparations for safely importing zero-carbon electricity from the Mainland in the future while maintaining network stability. Additionally, the Company is exploring the application of hydrogen energy by blending it with natural gas for the gas-fired units, with the goal of gradually transitioning to 100% green hydrogen fuel and achieving carbon neutrality in power generation by 2050 or earlier.

Thanking the legislators for their time, Mr. Cheng hopes the visit will enhance mutual understanding and strengthen communication and cooperation with LegCo members. He also reaffirms HK Electric's commitment to providing stable and reliable electricity services to customers while fully supporting the government's medium-term emission reduction and long-term carbon neutrality goals.

Photo Captions:



HK Electric Managing Director Mr. Francis C.Y. Cheng (centre) accompanies Chairperson Lau Kwok-fan (6<sup>th</sup> from right) and Vice-Chairperson Chan Siu-hung (6<sup>th</sup> from left) of the Panel on Environmental Affairs of LegCo, and other legislators to visit the turbine hall of gas-fired generating unit L12.



Mr. Cheng briefs the legislators on HK Electric's decarbonisation and environmental initiatives.



The legislators enter the Immersive Cave to take a virtual tour and learn about the operation of the Offshore Liquefied Natural Gas Terminal.



The legislators get up close and personal with the solar power system at Lamma Power Station.