

LegCo Panel on Environmental Affairs visits Lamma Power Station of Hongkong Electric (with photos)

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

The Legislative Council Panel on Environmental Affairs visited the Lamma Power Station of the Hongkong Electric Company, Limited (HEC) today (October 7) to gain a deeper understanding on local power generation, its efforts in achieving carbon neutrality as well as measures to cope with climate change and extreme weather.

Members first visited the Viewing Gallery where they received a briefing from representatives of the HEC on the operation of Lamma Power Station and the company's decarbonisation roadmap. Members noted that Lamma Power Station was undergoing a transition from coal to gas to generate electricity, gradually replacing the retiring coal-fired units with newly constructed gas-fired units, thereby reducing carbon emissions and boosting the electricity output from natural gas to about 70 per cent. They also gained a better understanding of the future operation of the Hong Kong Offshore Liquefied Natural Gas Terminal, which is under construction. In addition, Members learnt that breakwaters and flood walls had been installed at key locations in the power station to mitigate the impact of storm surges and overtopping waves in the face of more frequent extreme weather events. The foundation of two new gas-fired units have also been raised to seven metres above principal datum to reduce the risk of flooding.

Members then toured the facilities at the power station, including the central control room and gas turbine hall of gas-fired unit L12, which is equipped with a Selective Catalytic Reduction System that reduces nitrogen oxide emissions by 90 per cent. They also visited the solar power system. During the visit, Members exchanged views with representatives of the HEC on a number of issues, including the development of, and challenges faced in, providing greener and sustainable energy sources for Hong Kong, as well as related work on public education.

Members who participated in the visit were the Chairman of Panel on Environmental Affairs, Mr Lau Kwok-fan, the Deputy Chairman of the Panel, Mr Chan Siu-hung, Panel members Mr Frankie Yick and Ms Judy Chan; as well as non-Panel members Ms Yung Hoi-yan, Mr Andrew Lam, Mr Edward Leung and Mr Yim Kong.

