

29 April 2025

Daya Bay Nuclear Power Site Celebrates Historic Milestone of Trillionth Kilowatt-Hour of On-Grid Electricity Generation

Daya Bay Nuclear Power Site celebrates the historic milestone of being the first nuclear power site in China to surpass one trillion kilowatt-hours (kWh) of on-grid electricity generation today (29 April). Over 320 billion kWh of non-carbon nuclear energy has been imported to Hong Kong by CLP, contributing to the city's economic and social development and playing a vital role in its decarbonisation journey.

Daya Bay Nuclear Power Site comprises Daya Bay Nuclear Power Station, Ling Ao Nuclear Power Station Phase I, and Ling Ao Nuclear Power Station Phase II, each consisting of two reactor units. Daya Bay Nuclear Power Station is one of the earliest and largest joint ventures since the reform and opening up of the nation. It was built by Guangdong Nuclear Power Joint Venture Co., Ltd., which was formed in 1985 by CLP and China General Nuclear Power Corporation (CGN). As a witness, contributor and beneficiary of the development and reform of the nation's power industry, CLP has established a partnership with CGN for 40 years, and Daya Bay Nuclear Power Station stands as a testament to the enduring and solid collaboration between CLP and CGN.

Daya Bay Nuclear Power Station was commissioned in 1994 and has been operating safely and efficiently ever since. Last year, Daya Bay Nuclear Power Station completed its first 30-year overhaul, which is the first major overhaul of a large-scale nuclear power unit in China. Nearly 200 technical enhancements and over 50 innovations were implemented as planned and on schedule, including the world's first digitisation of analogue control system of pressurised water reactor (M310 model) in operation, further enhancing the units' automation and safety levels.

Daya Bay Nuclear Power Station generates around 15 billion kWh of electricity a year with approximately 80% supplied to Hong Kong, meeting a quarter of the city's electricity demand. Daya Bay Nuclear Power Station provides Hong Kong with non-carbon emitting, safe, and stable nuclear power, which plays an important role in Hong Kong's journey towards carbon neutrality. CLP will continue to support the

development of non-carbon energy, including nuclear and renewable energy, to help Hong Kong achieve its decarbonisation goal.

About CLP Group

The CLP Group is one of the largest investor-owned power businesses in Asia Pacific with investments in Hong Kong, the Chinese Mainland, Australia, India, Taiwan Region and Thailand. Hong Kong-listed CLP Holdings Limited is the holding company for the CLP Group, whose business spans every major segment of the electricity value chain ranging from power generation, transmission and distribution to retail and smart energy services. Visit our website: www.clpgroup.com.

Photo Caption:

Photo 1



Daya Bay Nuclear Power Station was commissioned in 1994 and has supplied Hong Kong with non-carbon emitting, safe, and stable nuclear power for over 30 years, meeting a quarter of Hong Kong's electricity demand.

- Ends -