



Press Release
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HK Electric Investments Sustainability Report 2025 Empowering Hong Kong's Journey Toward Net-Zero

HK Electric Investments and HK Electric Investments Limited today released their Sustainability Report 2025, highlighting the significant achievements by their principal operating subsidiary, The Hongkong Electric Company, Limited (HK Electric), in decarbonisation, supply reliability, innovation, and community contribution. These achievements are supported by a recent government data, which reaffirms HK Electric's substantial role in supporting Hong Kong's decarbonisation journey while delivering a consistently stable and reliable power supply.

According to the 2024 greenhouse gas (GHG) emission inventory for Hong Kong released by the Environment and Ecology Bureau earlier this year, the city's total GHG emissions in 2024 fell by approximately 1.3 million tonnes compared to that of 2023. HK Electric contributed more than 590,000 tonnes to the reduction, about 46% of the city's total, making it the top-performing local energy provider in terms of carbon reduction.

As a company that has developed alongside Hong Kong, HK Electric has steadily reduced emissions across its operations, primarily through a strategic shift from coal to gas-fired generation initiated in 2006. This transition has delivered notable results in recent years following the commissioning of several new gas-fired generating units.

The Sustainability Report 2025 highlights that HK Electric increased the share of electricity sent out from natural gas to 69% during the year, resulting in a 4% year-on-year total GHG reduction to a record-low 0.59 kg CO₂e per electricity unit sold. A new gas-fired generating unit L13 is being constructed and expected to be fully operational in 2029, at which point gas-fired electricity will reach approximately 80% of total sent-out power, advancing the Company's decarbonisation efforts.

HK Electric Investments Limited Chief Executive Officer Mr. Francis C.Y. Cheng said: "Beyond achieving a year-on-year reduction in GHG emissions, we continued to deliver outstanding supply reliability, which once again exceeded 99.9999% in 2025. This world-class performance meant that customers

experienced, on average, less than 0.5 minutes of unplanned power interruption, demonstrating our commitment to advancing environmental performance while delivering a stable and reliable electricity supply.”

The report also details HK Electric’s innovative initiatives in 2025 designed to improve supply reliability and operational efficiency. These include the launch of a new and in-house developed Low Voltage Management System (LVMS), which strengthens real-time monitoring of the low-voltage distribution network, optimises asset management, and enables faster fault detection and supply restoration. In addition, to achieve more comprehensive intelligent monitoring of supply equipment, the Company has expanded the application of LoRaWAN (Long Range Wide Area Network) to areas such as LVMS data transmission and operation monitoring at Lamma Power Station, covering parameters including temperature and vibration of equipment, flooding of premises with critical equipment, and advance warning of fire risk, etc.

Furthermore, the Administration and Central Control Building at Lamma Power Station Extension implemented an AI Energy Optimisation Solution in 2025. By utilising advanced algorithms and data analytics to enhance efficiency of chiller plant, the project has achieved a significant reduction in energy consumption. In recognition of its innovation and effectiveness, the project received a Gold Award in the Asia Pacific Intelligent Green Building Alliance Excellent Intelligent Green Building System Award.

Guided by the mission "To Care for the Communities that We Serve", HK Electric’s Smart Power Services have continued to enhance its subsidies and promotion schemes, ranging from assisting underprivileged groups and improving energy efficiency to promoting renewable energy and the electrification of construction sites.

In 2025, HK Electric utilised its Energy-efficient Community Subsidy under Smart Power Services to support Hong Kong Island’s first Community Living Room project in Shau Kei Wan. By providing energy-efficient appliances such as induction cookers, steam ovens, and coffee machines, the initiative has improved the quality of life for low-income residents while helping them adopt a low-carbon lifestyle.

HK Electric is also committed to promoting low-carbon transport. Beyond providing technical assessments and network upgrades, the Company has assisted ferry and franchised-bus operators in installing charging infrastructure.

It has also supported petrol stations in establishing new rapid-charging facilities for electric vehicles.

“Under the theme ‘Honouring Heritage · Advancing Sustainability’, the report reflects both our engineering heritage that shapes today’s robust operations and our enduring sense of responsibility as a trusted power utility that has grown alongside Hong Kong for over 135 years.” Mr. Cheng emphasised. “Looking ahead, we will build on our legacy of excellence and reliability while embracing innovation to drive the energy transition and innovation, fully supporting the city’s goal of achieving carbon neutrality by 2050.”

Photo captions :

Photo 1



The Sustainability Report 2025 highlights HK Electric's significant achievements in decarbonisation, supply reliability, innovation, and community contribution.

Photo 2



HK Electric increased the share of electricity sent out from natural gas to 69% in 2025, resulting in a 4% year-on-year total GHG reduction to a record-low.