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The Hongkong Electric Co., Ltd.

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Press Release
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Smart Power Gallery 2.0: Promoting a Smart, Zero-Carbon and Caring Hong Kong

HK Electric has unveiled the upgraded Smart Power Gallery 2.0 (SPG 2.0), offering visitors a revitalised and interactive experience that showcases the Company's energy transformation and commitment to sustainability.

To celebrate the launch, HK Electric Managing Director Mr. Francis C.Y. Cheng warmly welcomed 20 students from the Company's "Happy Green Schools" programme, personally guiding them through the Gallery's new features. The students explored the redesigned multimedia displays, interactive games, and STEAM workshops focused on decarbonisation—highlighting HK Electric's dedication to building a smart, zero-carbon, and caring city.

"To combat climate change, the energy sector has undergone a progressive transformation—from mainly using coal to natural gas to reduce greenhouse gases in electricity generation, and now towards a broader adoption of renewable energy, planning to import zero-carbon electricity, and exploring the potential of green hydrogen," said Mr. Cheng. "With the launch of SPG 2.0, we aim to deepen public understanding of this journey and promote efficient energy use, while encouraging collective efforts to achieve carbon neutrality before 2050."

Mr. Cheng also highlighted HK Electric's Smart Power Services initiatives, which include the installation of smart meters, support for customers in implementing EV charging solutions, the electrification of construction sites, and the promotion of all-electric lifestyles. In addition, the Company actively supports NGOs and underprivileged communities in adopting energy-efficient appliances—efforts that enhance quality of life and contribute to Hong Kong's decarbonisation goals.

The five-storey Smart Power Gallery 2.0 features exhibits that highlight the structural transformation in energy production and showcase innovative approaches to enhancing energy efficiency. It also provides an in-depth overview of Hong Kong's strategic roadmap towards achieving carbon neutrality by 2050.

The gallery is divided into three thematic zones:

- **Ground Floor—Powering a Sustainable Future:**
Interactive exhibits explain how HK Electric generates, transmits and distributes power, while also showcasing its climate strategies and adoption of emerging energy technologies. Multimedia displays guide visitors through the Company's 135-year history, highlighting key milestones.
- **1st Floor—Transition to Zero Carbon:**
Exhibits compare various renewable energy sources and introduce the PEDF system—an innovative solution that integrates photovoltaic (P) generation, energy storage (E), direct current distribution (D), and flexible energy management (F), designed for next-generation green buildings.
- **2nd Floor—Electrification and Energy Management:**
Interactive games and equipment displays, including an EV fast charger and a portable battery energy storage system designed for construction sites, provide visitors with hands-on experience that demonstrate the benefits of electrification and smart, low-carbon living.
- **3rd & 4th Floors:**
Multi-purpose spaces designed for STEAM workshops and stakeholder engagement activities.

Schools and organisations are invited to book free-of-charge guided tours and participate in online learning activities. For details, visit HK Electric's Smart Power Gallery page.

Smart Power Gallery 2.0

Address: 10–12 Possession Street, Sheung Wan, Hong Kong

Opening Hours: Monday to Friday, 9:30 am – 5:30 pm (Closed on weekends and public holidays)

Photo Captions:



HK Electric Managing Director Mr. Francis C.Y. Cheng (back row, first from the right) warmly welcomes a group of students from the “Happy Green Schools” programme during their visit to Smart Power Gallery 2.0.



Using the new interactive installations, Mr. Francis C.Y. Cheng guides students through HK Electric’s climate strategies, demonstrating how the company ensures a stable and reliable power supply.



HK Electric Smart Power Gallery 2.0 features a variety of interactive games, such as “Solar Energy Challenge”, which engage visitors while emphasising the importance of renewable energy.



Mr. Francis C.Y. Cheng and students participate in a newly designed STEAM workshop that combines coding and environmental education.



The Smart Power Gallery is located on Possession Street, Sheung Wan.