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中華電力有限公司
CLP Power Hong Kong Limited

CLP Power Wins Three Awards at Prestigious Asian Power Awards

CLP Power Hong Kong Limited (CLP Power) has won three awards at the prestigious Asian Power Awards 2024 – known as the Oscars of the Asia-Pacific power industry – for its innovative Advanced Metering Infrastructure (AMI) Programme and the advanced power generation and emission reduction technologies of the new gas-fired generation unit D2 (Unit D2) at Black Point Power Station in Tuen Mun.

The company's AMI programme was named "Innovative Power Technology of the Year - Hong Kong" and "Smart Grid Project of the Year - Hong Kong" in the celebrated awards programme, while Unit D2 was named "Gas Power Project of the Year - Hong Kong".

CLP Power Managing Director Mr Joseph Law said he was honoured by the awards and praised the project teams for their expertise and ingenuity. "CLP Power encourages innovation through the application of technologies in our daily operations. We continue to strengthen the grid with digitalised smart meter upgrades to provide a safe and reliable power supply and a quality customer experience. Additionally, in support of the Hong Kong Government's goal of achieving carbon neutrality before 2050, we are committed to decarbonising our operations and reducing emissions from power generation, while investing in zero-carbon power infrastructure to accelerate the energy transition."

CLP Power is installing smart meters for our customers in phases from 2018 to 2025. As of June 2024, smart meters have been installed for about 85% of CLP Power's residential customers and small and medium-sized business customers, with over 2.44 million smart meters connected. The AMI system is a core component of a smart grid and automatically collects and transmits meter data to cloud platforms, significantly improving operational efficiency through digital transformation. Customers with smart meters can enjoy digital services and a variety of electricity management solutions to optimise their energy usage habits, achieving smarter and more sustainable lifestyles.

The new Unit D2 has a generating capacity of 600 megawatts and an advanced and efficient combined cycle gas turbine technology with an operational efficiency of about 60%, making it one of the most efficient gas-fired generating units in the world. The unit is also equipped with selective catalytic reduction facilities to reduce emissions of nitrogen oxides, further reducing air pollution and lowering greenhouse gas emissions. Following the commissioning of Unit D2 in April this year, it helps accelerate the low-carbon transition of CLP Power’s electricity supply.

The Asian Power Awards is the region’s highest profile event of its kind and celebrates ground-breaking initiatives in the Asia-Pacific power sector. Judges include top global experts and industry leaders, and the awards recognise enterprises for embracing innovation, supporting sustainable development, and practising social responsibility. CLP Power has previously won the awards for substations at Ho To West in Lok Ma Chau, the Hong Kong-Zhuhai-Macao Bridge, Queen’s Hill, and Ma Sik Road, and for the new gas-fired generation Unit D1 at Black Point Power Station.

About CLP Power Hong Kong Limited

CLP Power Hong Kong Limited (CLP Power) is the Hong Kong utility subsidiary wholly owned by CLP Holdings Limited, a company listed on the Hong Kong Stock Exchange and one of the largest investor-owned power businesses in Asia. CLP Power operates a vertically integrated electricity supply business in Hong Kong, and provides a highly reliable supply of electricity and excellent customer services to more than six million people in its supply area.

Photo Captions:

Photo 1



CLP Power wins three awards at the Asian Power Awards 2024 for its Advanced Metering Infrastructure (AMI) Programme and new gas-fired generation unit D2 at Black Point Power Station in Tuen Mun.

Photo 2



The AMI system is a core component of a smart grid, enhancing the customer experience and demonstrating CLP Power's commitment to digital transformation.

Photo 3



CLP Power's new gas-fired generation unit D2 at Black Point Power Station in Tuen Mun was put into operation in April 2024, further accelerating the low-carbon transition of electricity supply.

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