



The future looks cleaner

Hongkong Electric is committed to improving the air quality in Hong Kong. We have taken the lead in introducing renewable energy in Hong Kong with the commissioning of Hong Kong's first wind turbine in February 2006. The commissioning of our first gas-fired generation unit in October 2006, our emission reduction programme and our continuing efforts to promote energy efficiency and conservation, will provide a strong platform for a cleaner future.

By 2010, more than 90% of the electricity generated at the Lamma Power Station will be by gas-fired units and coal-fired units fitted with flue gas desulphurisation plants and low nitrogen oxide burners.



- We have awarded contracts for the installation of two flue gas desulphurisation (FGD) plants. These will be in addition to the three existing FGD plants we have already installed.
- The newly commissioned Unit 9 is our first combined cycle generating unit fuelled by natural gas, one of the cleanest fuels available. Approximately 15% of the electricity generated at Lamma in 2007 will be from natural gas.
- Lamma Winds, Hong Kong's first wind power station, allows us to study the feasibility of developing renewable energy projects on a larger scale in Hong Kong.

1. The Lamma Power Station Extension houses Unit 9, our first combined-cycled gas unit.
2. Liquefied natural gas is transported from Australia to Shenzhen before it is piped to the Lamma Power Station.
3. Lamma Winds is the name chosen for the wind turbine from a naming competition which attracted about 4,000 submissions.



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