

9. Energy Efficiency Endeavours

9.1. Energy Audits

HK Electric offers free energy audits for non-residential customers to help them identify ways to save energy at their premises. Since 2009, more than 400 audits have been carried out for a diverse cluster of non-residential customers. Audited customers are eligible to apply for interest-subsidised loans under the Energy Efficiency Loan Scheme to help implement energy saving initiatives.

9.2. Online Energy Surveys

Through the “[Electricity@Home](#)” and “[Electricity@Office](#)” modules on HK Electric’s website, customers can conduct virtual energy surveys for their homes and offices. This helps them to devise energy-saving plans by estimating their monthly and annual electricity charges. Useful information about energy efficiency and conservation, power quality and tariffs, safety tips and a guide on purchasing electrical appliances are also provided.



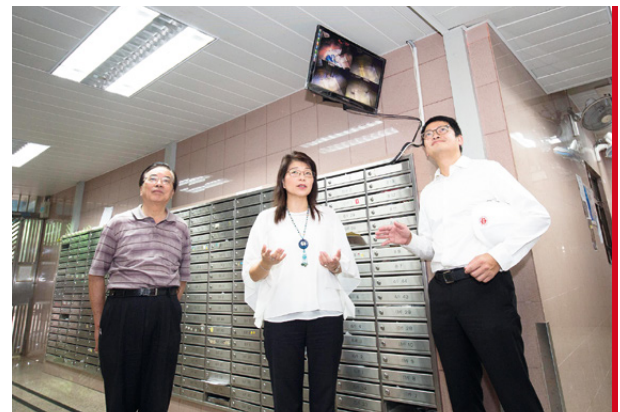
9.3. Energy Efficiency Talks and Workshops

We organise talks on energy efficiency and electrical safety for community centres and housing estates, and conduct energy efficiency workshops at our Smart Power Centre for various stakeholders,

including schools, professional institutions, trade practitioners and property management teams to share the safe and efficient ways of using electricity. Four energy efficiency and electrical safety talks and 45 workshops at Smart Power Centre were organised in 2016.

9.4. Smart Power Fund

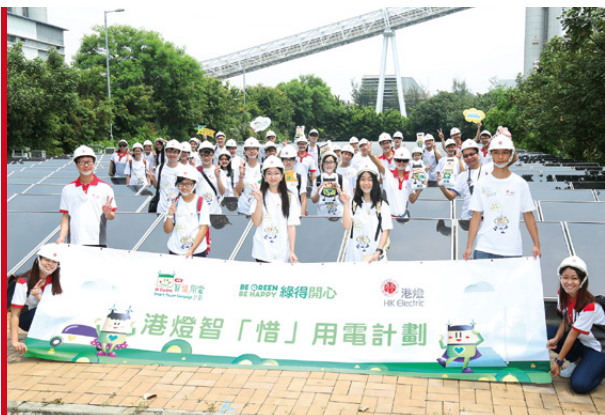
HK Electric’s [Smart Power Fund](#) has been set up to promote energy efficiency in the building sector. It subsidises, on a 50/50 matching basis, residential buildings to carry out energy efficiency enhancement works at their common areas. In 2016, we approved 8 applications, bringing the total number of successful applications to 29 since the Fund’s inception in 2014. Approved projects included the installation of more efficient lift driving systems, public lighting and air-conditioners. From 2017, a maximum amount of \$400,000 will be available for each successful application and for cases that can demonstrate exceptional improvements in energy efficiency, funding can reach \$500,000.



9.5. Education Fund and Smart Power Campaign

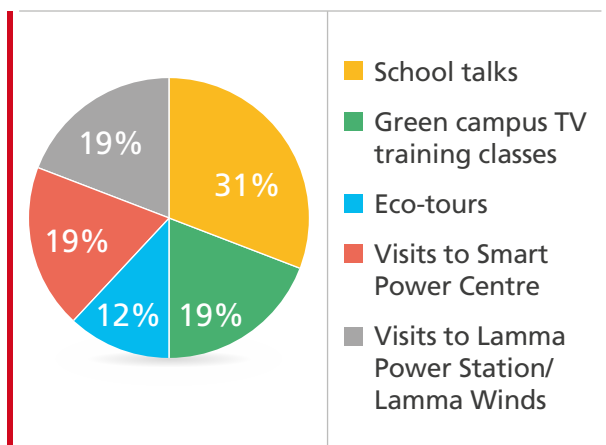
An Education Fund has been set up since 2009 to promote the smart and efficient use of energy amongst students and the general public. Each year, a budget of \$2.5 million is set aside for the purpose and views from an advisory committee comprising various stakeholders will be sought on the programmes.

One of the signature programmes is the [Smart Power Campaign](#). First rolled out in 2003, the campaign is designed to promote energy saving and a low-carbon lifestyle. Up to 2016, various activities under the Campaign including school talks, exhibitions, training classes, visits and competitions have attracted the participation of a total of about 600,000 people. Many activities are tailor-made for schools under the “Happy Green Schools Label Programme” and the “Happy Green Community Ambassadors’ programme”. The network now consists of about 350 schools throughout Hong Kong.



Secondary schools which are interested in undertaking green projects are invited to participate in the “Green Energy Dreams Come True” competition which provides up to \$50,000 for each school, in addition to a mentor to assist students to implement their plans. In 2016, a total of 12 schools received funding support to make their green dreams come true.

Happy Green Schools Activities 2016



9.6. Electric Living

HK Electric is keen to promote electric living and a quality lifestyle through the [Eco-Quality Home Club](#). The Club provides HK Electric customers with updates and tips on creating an all-electric home, as well as green practices to enhance energy efficiency, improve indoor air quality and the living environment. Activities are organised regularly to give first-hand experiences of the benefits of electric living.



As for commercial customers, HK Electric encourages them to install all-electric kitchens to enhance the kitchen environment, occupational health and safety, as well as business competitiveness.

