

## 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 450 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.

### 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 2017.



### 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, including lighting system, electrical installations, air-conditioning system and lifts. The maximum subsidy of \$400,000 will be available for each successful application. In 2017, we approved 20 applications, bringing the total number of successful applications to 49 since the Fund’s inception in 2014.



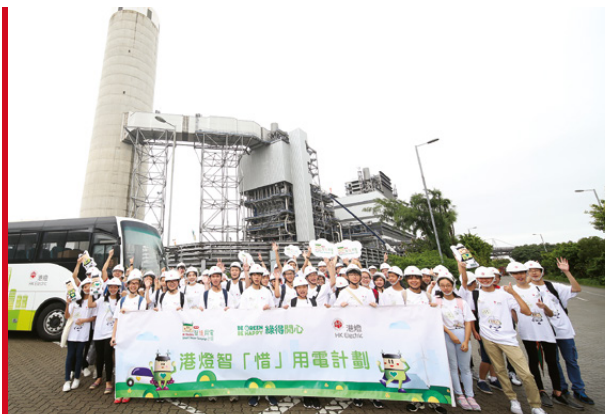
### 9.5. Education Fund and Smart Power Campaign

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. In 2017, the Campaign has combined life planning with green education under the theme

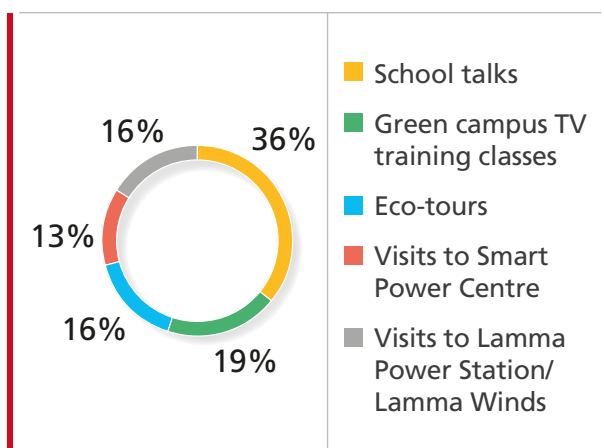
“Living out your Happy Green Life”. Many activities are tailor-made for schools under the “Happy Green Schools Label Programme” and the “Happy Green Community Ambassadors Programme”. The network now consists of about 380 schools throughout Hong Kong.

In 2017, various activities under the Campaign including school talks, exhibitions, training classes, visits and competitions have attracted the participation of about 90,000 people.



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 2017, a total of 12 schools received funding support to make their green dreams come true.

### Happy Green Schools Activities 2017



## 9.6. Electric Living

HK Electric is keen to promote electric living and a quality lifestyle through its [Eco-Quality Home Club](#). The Club provides our customers with updates and tips on creating an all-electric home, as well as green practices to enhance energy efficiency. Activities organised in 2017 included free cooking classes held in February and September which allowed members to appreciate the benefits of electric cooking. In August, a “Climate Change and My Smart City” guided tour to visit Zero Carbon Building was arranged, during which members experienced the enjoyment brought about by Smart City technology.



As for non-residential customers, HK Electric takes the lead in providing the catering industry with the latest information on electric kitchen equipment, facilitating information exchange among the industry, and inviting them to install all-electric kitchens. HK Electric’s Smart Commercial Kitchen also introduced a series of automatic kitchen equipment, aiming to enhance operational efficiency and food quality.

