

# THE HONGKONG ELECTRIC COMPANY, LIMITED

## TEN-YEAR OPERATING STATISTICS

|  | 2016   | 2015   | 2014   | 2013   | 2012   | 2011   | 2010   | 2009   | 2008   | 2007   |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Units sold (millions of kWh)</b>                                |        |        |        |        |        |        |        |        |        |        |
| Commercial   | 7,893  | 8,012  | 8,015  | 8,011  | 8,164  | 8,081  | 8,124  | 8,084  | 8,082  | 8,109  |
| Residential  | 2,584  | 2,541  | 2,610  | 2,437  | 2,541  | 2,482  | 2,472  | 2,495  | 2,416  | 2,394  |
| Industrial   | 315    | 326    | 330    | 325    | 331    | 334    | 337    | 342    | 367    | 388    |
| Total (millions of kWh)  | 10,792 | 10,879 | 10,955 | 10,773 | 11,036 | 10,897 | 10,933 | 10,921 | 10,865 | 10,891 |
| Annual increase/(decrease) (%)                                     | (0.8)  | (0.7)  | 1.7    | (2.4)  | 1.3    | (0.3)  | 0.1    | 0.5    | (0.2)  | 1.1    |
| <b>Average Net Tariff per Tariff Review<br/>(HK cents per kWh)</b> |        |        |        |        |        |        |        |        |        |        |
| Basic Tariff   | 105.5  | 102.6  | 101.8  | 94.7   | 94.1   | 93.1   | 94.5   | 94.5   | 116.9  | 114.3  |
| Fuel Clause Charge   | 27.9   | 32.3   | 33.1   | 40.2   | 37.0   | 30.2   | 25.4   | 25.4   | 10.5   | 5.9    |
| Net Tariff (HK cents per kWh)                                      | 133.4  | 134.9  | 134.9  | 134.9  | 131.1  | 123.3  | 119.9  | 119.9  | 127.4  | 120.2  |
| <b>Number of customers (000's)</b>                                 |        |        |        |        |        |        |        |        |        |        |
|  | 575    | 572    | 570    | 569    | 567    | 567    | 566    | 564    | 563    | 561    |
| <b>Installed capacity (MW)</b>                                     |        |        |        |        |        |        |        |        |        |        |
| Gas turbines and standby units                                     | 555    | 555    | 555    | 555    | 555    | 555    | 555    | 555    | 555    | 920    |
| Coal-fired units   | 2,500  | 2,500  | 2,500  | 2,500  | 2,500  | 2,500  | 2,500  | 2,500  | 2,500  | 2,500  |
| Gas-fired combined cycle unit                                      | 680    | 680    | 680    | 680    | 680    | 680    | 680    | 680    | 680    | 335    |
| Wind turbine and photovoltaic system (note 1)                      | 2      | 2      | 2      | 2      | 2      | 1      | 1      | 1      | 1      | 1      |
| Total (MW)   | 3,737  | 3,737  | 3,737  | 3,737  | 3,737  | 3,736  | 3,736  | 3,736  | 3,736  | 3,756  |
| <b>System maximum demand (MW)</b>                                  |        |        |        |        |        |        |        |        |        |        |
|  | 2,428  | 2,427  | 2,460  | 2,453  | 2,494  | 2,498  | 2,510  | 2,537  | 2,589  | 2,552  |
| Annual increase/(decrease) (%)                                     | 0.0    | (1.3)  | 0.3    | (1.6)  | (0.2)  | (0.5)  | (1.1)  | (2.0)  | 1.4    | (1.7)  |
| <b>Annual load factor (%)</b>                                      | 56.7   | 57.3   | 56.9   | 56.1   | 56.6   | 55.9   | 55.8   | 55.4   | 53.9   | 54.8   |
| <b>Thermal efficiency (%)</b>                                      | 35.9   | 36.2   | 36.1   | 36.3   | 36.0   | 36.2   | 36.2   | 36.2   | 35.8   | 36.4   |
| <b>Plant availability (%)</b>                                      | 85.6   | 85.5   | 88.4   | 85.7   | 84.6   | 84.4   | 85.6   | 83.4   | 85.5   | 83.8   |
| <b>Number of switching stations</b>                                | 24     | 24     | 24     | 24     | 25     | 25     | 25     | 24     | 24     | 23     |
| <b>Number of zone substations</b>                                  | 27     | 27     | 27     | 27     | 27     | 27     | 27     | 26     | 26     | 26     |
| <b>Number of consumer substations</b>                              | 3,848  | 3,818  | 3,793  | 3,776  | 3,755  | 3,741  | 3,710  | 3,667  | 3,648  | 3,632  |
| <b>Number of employees</b>   | 1,790  | 1,801  | 1,814  | 1,826  | 1,820  | 1,848  | 1,851  | 1,862  | 1,841  | 1,857  |
| <b>Capital expenditure (HK\$ million)</b>                          | 2,799  | 2,516  | 2,252  | 1,973  | 2,613  | 2,887  | 2,427  | 2,751  | 2,084  | 1,747  |

### Notes:

1. The 800 kW wind turbine was commissioned in 2005; the 550 kW thin film photovoltaic system was commissioned in 2010 and was expanded to 1MW in March 2013.