

# THE HONGKONG ELECTRIC COMPANY, LIMITED

## TEN-YEAR OPERATING STATISTICS

|  | 2018          | 2017   | 2016   | 2015   | 2014   | 2013   | 2012   | 2011   | 2010   | 2009   |
|--|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Units sold (millions of kWh)</b>                                |               |        |        |        |        |        |        |        |        |        |
| Commercial   | <b>7,766</b>  | 7,824  | 7,893  | 8,012  | 8,015  | 8,011  | 8,164  | 8,081  | 8,124  | 8,084  |
| Residential  | <b>2,466</b>  | 2,485  | 2,584  | 2,541  | 2,610  | 2,437  | 2,541  | 2,482  | 2,472  | 2,495  |
| Industrial   | <b>305</b>    | 306    | 315    | 326    | 330    | 325    | 331    | 334    | 337    | 342    |
| Total (millions of kWh)  | <b>10,537</b> | 10,615 | 10,792 | 10,879 | 10,955 | 10,773 | 11,036 | 10,897 | 10,933 | 10,921 |
| Annual (decrease)/increase (%)                                     | <b>(0.7)</b>  | (1.6)  | (0.8)  | (0.7)  | 1.7    | (2.4)  | 1.3    | (0.3)  | 0.1    | 0.5    |
| <b>Average Net Tariff per Tariff Review<br/>(HK cents per kWh)</b> |               |        |        |        |        |        |        |        |        |        |
| Basic Tariff   | <b>109.1</b>  | 108.9  | 105.5  | 102.6  | 101.8  | 94.7   | 94.1   | 93.1   | 94.5   | 94.5   |
| Special Rent & Rates Rebate  | <b>(4.0)</b>  | (4.0)  | –      | –      | –      | –      | –      | –      | –      | –      |
| Net Basic Tariff   | <b>105.1</b>  | 104.9  | 105.5  | 102.6  | 101.8  | 94.7   | 94.1   | 93.1   | 94.5   | 94.5   |
| Fuel Clause Charge   | <b>23.4</b>   | 23.4   | 27.9   | 32.3   | 33.1   | 40.2   | 37.0   | 30.2   | 25.4   | 25.4   |
| Special Fuel Rebate  | <b>(16.0)</b> | (17.9) | –      | –      | –      | –      | –      | –      | –      | –      |
| Net Tariff (HK cents per kWh)                                      | <b>112.5</b>  | 110.4  | 133.4  | 134.9  | 134.9  | 134.9  | 131.1  | 123.3  | 119.9  | 119.9  |
| <b>Number of customers (000's)</b>                                 | <b>579</b>    | 577    | 575    | 572    | 570    | 569    | 567    | 567    | 566    | 564    |
| <b>Installed capacity (MW)</b>                                     |               |        |        |        |        |        |        |        |        |        |
| Gas turbines and standby units                                     | <b>555</b>    | 555    | 555    | 555    | 555    | 555    | 555    | 555    | 555    | 555    |
| Coal-fired units   | <b>2,000</b>  | 2,250  | 2,500  | 2,500  | 2,500  | 2,500  | 2,500  | 2,500  | 2,500  | 2,500  |
| Gas-fired combined cycle units                                     | <b>680</b>    | 680    | 680    | 680    | 680    | 680    | 680    | 680    | 680    | 680    |
| Wind turbine and photovoltaic system (note 1)                      | <b>2</b>      | 2      | 2      | 2      | 2      | 2      | 2      | 1      | 1      | 1      |
| Total (MW)   | <b>3,237</b>  | 3,487  | 3,737  | 3,737  | 3,737  | 3,737  | 3,737  | 3,736  | 3,736  | 3,736  |
| <b>System maximum demand (MW)</b>                                  | <b>2,376</b>  | 2,513  | 2,428  | 2,427  | 2,460  | 2,453  | 2,494  | 2,498  | 2,510  | 2,537  |
| Annual (decrease)/increase (%)                                     | <b>(5.5)</b>  | 3.5    | 0.0    | (1.3)  | 0.3    | (1.6)  | (0.2)  | (0.5)  | (1.1)  | (2.0)  |
| <b>Annual load factor (%)</b>                                      | <b>56.8</b>   | 54.0   | 56.7   | 57.3   | 56.9   | 56.1   | 56.6   | 55.9   | 55.8   | 55.4   |
| <b>Thermal efficiency (%)</b>                                      | <b>35.6</b>   | 35.9   | 35.9   | 36.2   | 36.1   | 36.3   | 36.0   | 36.2   | 36.2   | 36.2   |
| <b>Plant availability (%)</b>                                      | <b>90.7</b>   | 87.1   | 85.6   | 85.5   | 88.4   | 85.7   | 84.6   | 84.4   | 85.6   | 83.4   |
| <b>Number of switching stations</b>                                | <b>24</b>     | 24     | 24     | 24     | 24     | 24     | 25     | 25     | 25     | 24     |
| <b>Number of zone substations</b>                                  | <b>27</b>     | 27     | 27     | 27     | 27     | 27     | 27     | 27     | 27     | 26     |
| <b>Number of customer substations</b>                              | <b>3,912</b>  | 3,889  | 3,848  | 3,818  | 3,793  | 3,776  | 3,755  | 3,741  | 3,710  | 3,667  |
| <b>Number of employees</b>   | <b>1,763</b>  | 1,776  | 1,790  | 1,801  | 1,814  | 1,826  | 1,820  | 1,848  | 1,851  | 1,862  |
| <b>Capital expenditure (HK\$ million) (note 2)</b>                 | <b>3,695</b>  | 2,929  | 2,799  | 2,516  | 2,252  | 1,973  | 2,613  | 2,887  | 2,427  | 2,751  |

Note:

- The 800-kW wind turbine was commissioned in 2005; the 550-kW thin film photovoltaic system was commissioned in 2010 and was expanded to 1-MW in March 2013.
- These are capital expenditures solely for electricity-related property, plant and equipment.