

THE HONGKONG ELECTRIC COMPANY, LIMITED

TEN-YEAR OPERATING STATISTICS

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