

# THE HONGKONG ELECTRIC COMPANY, LIMITED

## TEN-YEAR OPERATING STATISTICS

	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
<b>Units sold (millions of kWh)</b>										
Commercial	7,178	7,751	7,766	7,824	7,893	8,012	8,015	8,011	8,164	8,081
Residential	2,667	2,475	2,466	2,485	2,584	2,541	2,610	2,437	2,541	2,482
Industrial	289	293	305	306	315	326	330	325	331	334
Total (millions of kWh)	10,134	10,519	10,537	10,615	10,792	10,879	10,955	10,773	11,036	10,897
Annual (decrease)/increase (%)	(3.7)	(0.2)	(0.7)	(1.6)	(0.8)	(0.7)	1.7	(2.4)	1.3	(0.3)
<b>Average Net Tariff per Tariff Review (HK cents per kWh)</b>										
Basic Tariff	102.0	101.3	109.1	108.9	105.5	102.6	101.8	94.7	94.1	93.1
Special Rent & Rates Rebate	(0.4)	(2.3)	(4.0)	(4.0)	–	–	–	–	–	–
Net Basic Tariff	101.6	99.0	105.1	104.9	105.5	102.6	101.8	94.7	94.1	93.1
Fuel Clause Charge	24.8	23.4	23.4	23.4	27.9	32.3	33.1	40.2	37.0	30.2
Special Fuel Rebate	–	(2.3)	(16.0)	(17.9)	–	–	–	–	–	–
Net Tariff (HK cents per kWh)	126.4	120.1	112.5	110.4	133.4	134.9	134.9	134.9	131.1	123.3
<b>Number of customers (000's)</b>	583	581	579	577	575	572	570	569	567	567
<b>Installed capacity (MW)</b>										
Gas turbines and standby units	555	555	555	555	555	555	555	555	555	555
Coal-fired units	2,000	2,000	2,000	2,250	2,500	2,500	2,500	2,500	2,500	2,500
Gas-fired combined-cycle units (note 1)	1,060	680	680	680	680	680	680	680	680	680
Wind turbine and photovoltaic system (note 2)	2	2	2	2	2	2	2	2	2	1
Total (MW)	3,617	3,237	3,237	3,487	3,737	3,737	3,737	3,737	3,737	3,736
<b>System maximum demand (MW)</b>	2,336	2,395	2,376	2,513	2,428	2,427	2,460	2,453	2,494	2,498
Annual (decrease)/increase (%)	(2.5)	0.8	(5.5)	3.5	0.0	(1.3)	0.3	(1.6)	(0.2)	(0.5)
<b>Annual load factor (%)</b>	55.0	56.4	56.8	54.0	56.7	57.3	56.9	56.1	56.6	55.9
<b>Thermal efficiency (%)</b>	37.6	35.5	35.6	35.9	35.9	36.2	36.1	36.3	36.0	36.2
<b>Plant availability (%)</b>	89.5	90.9	90.7	87.1	85.6	85.5	88.4	85.7	84.6	84.4
<b>Number of switching stations</b>	24	24	24	24	24	24	24	24	25	25
<b>Number of zone substations</b>	27	27	27	27	27	27	27	27	27	27
<b>Number of customer substations</b>	3,944	3,920	3,912	3,889	3,848	3,818	3,793	3,776	3,755	3,741
<b>Number of employees</b>	1,713	1,770	1,763	1,776	1,790	1,801	1,814	1,826	1,820	1,848
<b>Capital expenditure (HK\$ million) (note 3)</b>	5,485	4,620	3,695	2,929	2,799	2,516	2,252	1,973	2,613	2,887

## Notes:

- To achieve Hong Kong's fuel mix target of around 50% gas generation in 2020, HK Electric not only had to build a new gas-fired unit L10, but also defer the retirement of an old gas-fired unit GT57. Instead of the original schedule of 2020, GT57 will now be retired in 2022 when another new gas-fired unit L11 comes into operation. This is an interim measure to achieve government objective. The installed capacity in 2020 without GT57 would otherwise be 3,272 MW.
- 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. The capital expenditures exclude additions of right-of-use assets and include capital expenditures of the offshore LNG terminal developed by a joint venture.