



Summary of Statistics

Environment	2018	2017	2016
Fuel Consumed (TJ) ^[1]			
Gas	30,011	30,914	31,983
Coal & oil ^[2]	80,405	79,258	80,012
Licence Compliance			
Percentage of Compliance (%)	100	100	100
Air Emissions			
SO ₂ (kT) ^[1]	2.87	2.21	2.75
NO _x (kT) ^[1]	7.79	8.14	8.68
RSP (kT) ^[1]	0.20	0.20	0.21
CO ₂ (million T) ^[1]	8.37	8.36	8.50
CO _{2e} (million T) ^[3]	8.41	8.41	8.54
CO _{2e} per electricity unit sold (kg/kWh) ^[3]	0.80	0.79	0.79
Material Non-Hazardous Wastes (kT) ^[1, 4]			
Ash produced	235	229	237
Ash collected for industrial uses	237	235	238
Gypsum produced/collected for industrial uses	69	61	66
Material Hazardous Wastes ^[5]			
Waste oil collected for recycle (litre)	3,000	18,400	42,600
Waste oil collected for disposal (litre)	88,687	79,160	38,000
Other material hazardous wastes measured by volume in trip tickets for recycle (litre)	0	0	-
Other material hazardous wastes measured by volume in trip tickets for disposal (litre)	3,400	11,240	-
Other material hazardous wastes measured by weight in trip tickets for recycle (kg)	850	22,212	-
Other material hazardous wastes measured by weight in trip tickets for disposal (kg)	17,459	25,853	-
Water Consumption/Discharge ^[1]			
Marine water withdrawal & discharge (million m ³)	2,031	1,926	2,160
Town water consumption (thousand m ³) ^[6]	2,187	2,375	2,397
Wastewater discharge (thousand m ³)	148	160	138
Noise Abatement Notice			
Number of notices received	0	0	0
Certificate Accreditation			
Number of ISO 14001 certificates	3	3	3
Number of ISO 50001 certificates	1	1	1

Notes:

- [1] For power generation only.
 [2] Fuel oil is mainly used for starting and flame stabilisation of coal-fired units and hence, specific breakdown for fuel oil is not given.
 [3] The methodology used for calculation is drawn from Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories, taking into account greenhouse gas emissions generated from the processes of power generation, transmission and distribution.

Operations	2018	2017	2016
Customer Service			
Number of customers (thousands)	579	577	575
Average rating of customer satisfaction level (maximum mark for each index is 5.0)	4.6	4.6	4.5
Number of pledged service standards	18	18	18
Percentage achieved (%)	100	100	100
Installed Capacity (MW) ^[1]			
Gas	680	680	680
Coal & oil ^[2]	2,555	2,805	3,055
Renewable energy	1.8	1.8	1.8
Performance			
Electricity sold (millions of kWh)	10,537	10,615	10,792
Plant availability (%)	90.7	87.1	85.6
Thermal efficiency (%)	35.6	35.9	35.9
Transmission and distribution losses (%)	3.4	3.3	3.3
Electricity Supply Reliability			
Supply reliability rating (%)	>99.999	>99.999	>99.999
Unplanned customer minutes lost (minutes)	0.6	0.5	0.7
Certificate Accreditation			
Number of ISO 9001 certificates	8	9	9
Number of ISO 55001 certificates	2	2	2
Health & Safety	2018	2017	2016
Number of fatalities	0	0	0
Number of lost time injuries	1	3	4
Lost Time Injury Frequency Rate (LTIFR) (per 200,000 employee-hours)	0.05	0.16	0.20
Number of days lost/charged (no. of employee-days)	1	168	35
Lost Time Injury Severity Rate (LTISR) (per 200,000 employee-hours)	0.05	8.77	1.75
Longest period without a lost time injury (no. of days)	315	150	117
Number of reported traffic accidents (no. of cases)	7	9	11
Traffic Accident Frequency Rate (TAFR) (no. of cases per million km travelled)	3.8	4.8	5.7
Number of ISO 45001/OHSAS 18001 certificates	3	3	3

[4] HK Electric's material non-hazardous wastes are ash and gypsum.

[5] HK Electric's material hazardous wastes are those wastes required to be managed under the mandatory trip ticket systems. These wastes were collected and treated by licensed waste collectors and facilities.

[6] Town water is provided by the Water Supplies Department of the HKSAR Government.

[7] For economic/financial data, please refer to our [Annual Report](#).