

5.歷年台電系統淨發購電量明細表 Net Electricity Produced & Purchased of Taiwan Power Company

單位：百萬度

Unit : GWh

年別 Year	總計 Grand Total	抽蓄水力 Pumped Hydro	燃煤 Coal- Fired	燃油 Oil- Fired	燃氣 LNG- Fired	汽電共生廠 Cogeneration Plant	核能 Nuclear	再生能源 Renewable Energy					
								合計 Total	慣常水力 Conventional Hydro	風力 Wind	太陽光電 Solar Photovoltaic	垃圾、沼氣 Waste and Biogas	地熱 Geothermal
1999	145,761.4	3,891.2	56,173.7	25,376.8	14,587.8	3,798.7	36,907.0	5,026.1	5,026.1	-	-	-	-
2000	156,511.4	4,302.6	61,810.0	24,221.1	16,495.6	8,144.9	36,996.5	4,540.7	4,540.7	-	-	-	-
2001	158,058.4	4,069.9	67,300.4	19,801.8	19,623.5	8,096.2	34,094.0	5,072.6	5,068.1	4.5	-	-	-
2002	165,901.3	3,603.7	73,124.5	14,913.9	25,076.6	8,411.2	38,009.3	2,762.1	2,754.3	7.9	-	-	-
2003	173,810.3	3,851.6	79,023.5	13,126.4	27,126.7	10,289.4	37,371.1	3,021.6	3,011.8	9.8	-	-	-
2004	181,245.1	3,337.7	78,209.4	10,868.5	34,695.2	12,996.4	37,938.7	3,199.2	3,186.4	12.8	-	-	-
2005	189,663.0	3,830.3	82,690.5	10,429.4	37,422.1	12,753.5	38,403.9	4,133.4	4,054.3	79.1	-	-	-
2006	196,567.2	3,902.3	85,766.2	13,742.8	38,663.9	9,613.1	38,316.6	6,562.4	4,067.9	266.7	-	2,227.8	-
2007	201,855.9	3,924.5	87,504.3	11,634.4	43,179.7	9,508.2	38,960.8	7,144.1	4,398.0	430.3	-	2,315.8	-
2008	200,240.9	3,458.9	85,335.3	10,891.3	46,612.7	7,517.5	39,260.5	7,164.8	4,283.0	602.4	0.4	2,279.0	-
2009	193,605.2	3,289.7	83,141.7	5,787.8	45,501.8	9,062.9	39,981.0	6,840.2	3,729.3	848.2	1.2	2,261.6	-
2010	207,384.7	3,047.2	83,816.3	7,794.3	57,999.4	7,145.5	40,028.5	7,553.6	4,168.8	1,021.9	6.3	2,356.7	-
2011	213,042.2	2,889.0	85,870.3	6,908.2	62,051.5	6,862.2	40,522.2	7,938.8	3,975.4	1,532.6	38.1	2,392.6	-
2012	211,708.2	2,924.2	85,985.9	5,333.2	64,092.2	4,836.1	38,887.3	9,649.3	5,648.1	1,489.5	138.5	2,373.3	-
2013	213,428.7	3,174.1	81,898.0	4,970.1	66,291.0	7,267.4	40,078.6	9,749.4	5,400.5	1,617.3	301.1	2,430.5	-
2014	219,223.6	3,108.3	82,348.3	6,259.3	70,915.6	7,003.6	40,801.1	8,787.4	4,295.0	1,486.5	511.7	2,494.2	-
2015	219,103.9	3,023.1	78,242.5	10,259.0	76,915.4	6,232.1	35,143.0	9,288.7	4,447.5	1,503.5	810.8	2,526.9	-
2016	225,793.1	3,281.6	83,313.7	10,033.9	81,184.9	5,918.9	30,461.1	11,599.0	6,536.9	1,446.5	1,068.1	2,547.5	-
2017	231,076.2	3,322.0	90,519.5	11,174.7	89,121.0	4,136.9	21,560.5	11,241.7	5,424.0	1,693.5	1,620.6	2,503.7	-
2018	233,288.5	3,358.8	90,514.5	6,593.2	90,103.7	4,647.7	26,656.4	11,414.2	4,444.5	1,643.5	2,662.0	2,664.2	0.0
2019	232,472.4	3,195.7	86,747.1	4,425.6	88,759.5	4,149.5	31,147.4	14,047.4	5,518.3	1,817.9	3,962.6	2,747.9	0.8

資料來源：台電公司

註：1.汽電共生之垃圾、沼氣自103年起改歸類為再生能源。

2.自104年起垃圾、沼氣含生質能。

5.歷年台電系統淨發購電量明細表(續)

Net Electricity Produced & Purchased of Taiwan Power Company (Cont.)

單位：百分比

Unit：%

年別 Year	總計 Grand Total	抽蓄水力 Pumped Hydro	燃煤 Coal- Fired	燃油 Oil- Fired	燃氣 LNG- Fired	汽電共生廠 Cogeneration Plant	核能 Nuclear	再生能源 Renewable Energy					
								合計 Total	慣常水力 Conventional Hydro	風力 Wind	太陽光電 Solar Photovoltaic	垃圾、沼 氣 Waste and Biogas	地熱 Geothermal
1999	100.00	2.67	38.54	17.41	10.01	2.61	25.32	3.45	3.45	-	-	-	-
2000	100.00	2.75	39.49	15.48	10.54	5.20	23.64	2.90	2.90	-	-	-	-
2001	100.00	2.57	42.58	12.53	12.42	5.12	21.57	3.21	3.21	0.00	-	-	-
2002	100.00	2.17	44.08	8.99	15.12	5.07	22.91	1.66	1.66	0.00	-	-	-
2003	100.00	2.22	45.47	7.55	15.61	5.92	21.50	1.74	1.73	0.01	-	-	-
2004	100.00	1.84	43.15	6.00	19.14	7.17	20.93	1.77	1.76	0.01	-	-	-
2005	100.00	2.02	43.60	5.50	19.73	6.72	20.25	2.18	2.14	0.04	-	-	-
2006	100.00	1.99	43.63	6.99	19.67	4.89	19.49	3.34	2.07	0.14	-	1.13	-
2007	100.00	1.94	43.35	5.76	21.39	4.71	19.30	3.54	2.18	0.21	-	1.15	-
2008	100.00	1.73	42.62	5.44	23.28	3.75	19.61	3.58	2.14	0.30	0.00	1.14	-
2009	100.00	1.70	42.94	2.99	23.50	4.68	20.65	3.53	1.93	0.44	0.00	1.17	-
2010	100.00	1.47	40.42	3.76	27.97	3.45	19.30	3.64	2.01	0.49	0.00	1.14	-
2011	100.00	1.36	40.31	3.24	29.13	3.22	19.02	3.73	1.87	0.72	0.02	1.12	-
2012	100.00	1.38	40.62	2.52	30.27	2.28	18.37	4.56	2.67	0.70	0.07	1.12	-
2013	100.00	1.49	38.37	2.33	31.06	3.41	18.78	4.57	2.53	0.76	0.14	1.14	-
2014	100.00	1.42	37.56	2.86	32.35	3.19	18.61	4.01	1.96	0.68	0.23	1.14	-
2015	100.00	1.38	35.71	4.68	35.10	2.84	16.04	4.24	2.03	0.69	0.37	1.15	-
2016	100.00	1.45	36.90	4.44	35.96	2.62	13.49	5.14	2.90	0.64	0.47	1.13	-
2017	100.00	1.44	39.17	4.84	38.57	1.79	9.33	4.86	2.35	0.73	0.70	1.08	-
2018	100.00	1.44	38.80	2.83	38.62	1.99	11.43	4.89	1.91	0.70	1.14	1.14	0.00
2019	100.00	1.37	37.32	1.90	38.18	1.78	13.40	6.04	2.37	0.78	1.70	1.18	0.00

Source：Taiwan Power Company

Note:1.Waste and biogas of cogeneration plants is reclassified to renewable energy since 2014.

2.Biomass is included in "waste and biogas" since 2015.