

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	合 計 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					
								小計	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
								Subtotal					
2000	156,511	4,303	61,810	24,221	16,496	8,145	36,996	4,541	4,541	-	-	-	-
2001	158,058	4,070	67,300	19,802	19,624	8,096	34,094	5,073	5,068	5	-	-	-
2002	165,901	3,604	73,124	14,914	25,077	8,411	38,009	2,762	2,754	8	-	-	-
2003	173,810	3,852	79,024	13,126	27,127	10,289	37,371	3,022	3,012	10	-	-	-
2004	181,245	3,338	78,209	10,869	34,695	12,996	37,939	3,199	3,186	13	-	-	-
2005	189,663	3,830	82,691	10,429	37,422	12,754	38,404	4,133	4,054	79	-	-	-
2006	196,567	3,902	85,766	13,743	38,664	9,613	38,317	6,562	4,068	267	-	2,228	-
2007	201,856	3,924	87,504	11,634	43,180	9,508	38,961	7,144	4,398	430	-	2,316	-
2008	200,241	3,459	85,335	10,891	46,613	7,517	39,260	7,165	4,283	602	0	2,279	-
2009	193,605	3,290	83,142	5,788	45,502	9,063	39,981	6,840	3,729	848	1	2,262	-
2010	207,385	3,047	83,816	7,794	57,999	7,145	40,029	7,554	4,169	1,022	6	2,357	-
2011	213,042	2,889	85,870	6,908	62,051	6,862	40,522	7,939	3,975	1,533	38	2,393	-
2012	211,708	2,924	85,986	5,333	64,092	4,836	38,887	9,649	5,648	1,490	138	2,373	-
2013	213,429	3,174	81,898	4,970	66,291	7,267	40,079	9,749	5,401	1,617	301	2,430	-
2014	219,224	3,108	82,348	6,259	70,916	7,004	40,801	8,787	4,295	1,486	512	2,494	-
2015	219,104	3,023	78,243	10,259	76,915	6,232	35,143	9,289	4,448	1,503	811	2,527	-
2016	225,793	3,282	83,314	10,034	81,185	5,919	30,461	11,599	6,537	1,447	1,068	2,547	-
2017	231,076	3,322	90,520	11,175	89,121	4,137	21,560	11,242	5,424	1,693	1,621	2,504	-
2018	233,289	3,359	90,515	6,593	90,104	4,648	26,656	11,414	4,445	1,643	2,662	2,664	0.00
2019	232,472	3,196	86,747	4,426	88,760	4,150	31,147	14,047	5,518	1,818	3,963	2,748	0.76
2020	238,928	3,147	87,053	3,064	97,440	4,102	30,342	13,780	2,997	2,062	6,005	2,715	1.68

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，並追溯調整至95年。

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	合 計 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					
								小計 Subtotal	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
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
2020	100.00	1.32	36.43	1.28	40.78	1.72	12.70	5.77	1.25	0.86	2.51	1.14	0.00

Source：Taiwan Power Company

Note:1.Waste and biogas of cogeneration plants is reclassified to renewable energy since 2014, and the data can be traced back to 2006.

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