

4.歷年台電系統發電廠裝置容量表

Installed Capacity of Taiwan Power Company Electricity Grid

單位：千瓩

Unit：MW

年 別 Year	合 計 Total	抽蓄水力 Pumped Hydro	燃煤 Coal- Fired	燃油 Oil- Fired	燃氣 LNG- Fired	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	29,634	2,602	9,900	5,404	4,764	5,144	1,820	1,820	-	-	-	-
2001	30,136	2,602	9,900	4,637	6,031	5,144	1,822	1,820	2	-	-	-
2002	31,915	2,602	11,197	3,579	7,482	5,144	1,911	1,909	2	-	-	-
2003	33,290	2,602	11,197	3,563	8,873	5,144	1,911	1,909	2	-	-	-
2004	34,598	2,602	11,197	3,522	10,221	5,144	1,912	1,908	5	-	-	-
2005	36,122	2,602	11,747	3,609	11,092	5,144	1,927	1,910	18	-	-	-
2006	37,371	2,602	12,297	3,610	11,711	5,144	2,007	1,910	98	-	-	-
2007	38,082	2,602	11,897	3,610	12,726	5,144	2,103	1,921	182	-	-	-
2008	38,634	2,602	11,897	3,610	13,197	5,144	2,184	1,938	246	-	-	-
2009	40,247	2,602	11,897	3,610	14,687	5,144	2,307	1,937	370	-	-	-
2010	40,912	2,602	11,897	3,626	15,194	5,144	2,449	1,977	471	1	-	-
2011	41,401	2,602	11,897	3,325	15,203	5,144	3,230	2,041	523	44	622	-
2012	40,977	2,602	11,297	3,327	15,203	5,144	3,404	2,081	567	134	622	-
2013	41,181	2,602	11,297	3,325	15,217	5,144	3,596	2,081	610	283	622	-
2014	40,787	2,602	10,697	3,325	15,245	5,144	3,774	2,081	633	438	622	-
2015	41,037	2,602	10,697	3,325	15,245	5,144	4,023	2,089	642	669	623	-
2016	42,132	2,602	11,497	3,323	15,245	5,144	4,321	2,089	678	931	623	-
2017	41,883	2,602	12,297	2,570	14,481	5,144	4,789	2,089	693	1,383	624	-
2018	44,624	2,602	13,097	2,569	15,974	4,508	5,874	2,091	711	2,448	624	0.03
2019	47,779	2,602	14,697	2,570	16,883	3,872	7,154	2,092	841	3,598	623	0.30
2020	49,774	2,602	14,697	1,592	17,810	3,872	9,200	2,093	916	5,565	626	0.30

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100年。

2.自104年起垃圾、沼氣含生質能。

4.歷年台電系統發電廠裝置容量表(續)

Installed Capacity of Taiwan Power Company Electricity Grid (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	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	8.78	33.41	18.24	16.08	17.36	6.14	6.14	-	-	-	-
2001	100.00	8.63	32.85	15.39	20.01	17.07	6.05	6.04	0.01	-	-	-
2002	100.00	8.15	35.08	11.21	23.44	16.12	5.99	5.98	0.01	-	-	-
2003	100.00	7.82	33.64	10.70	26.65	15.45	5.74	5.73	0.01	-	-	-
2004	100.00	7.52	32.36	10.18	29.54	14.87	5.53	5.51	0.01	-	-	-
2005	100.00	7.20	32.52	9.99	30.71	14.24	5.34	5.29	0.05	-	-	-
2006	100.00	6.96	32.91	9.66	31.34	13.76	5.37	5.11	0.26	-	-	-
2007	100.00	6.83	31.24	9.48	33.42	13.51	5.52	5.04	0.48	-	-	-
2008	100.00	6.74	30.79	9.34	34.16	13.31	5.65	5.02	0.64	-	-	-
2009	100.00	6.47	29.56	8.97	36.49	12.78	5.73	4.81	0.92	-	-	-
2010	100.00	6.36	29.08	8.86	37.14	12.57	5.99	4.83	1.15	0.00	-	-
2011	100.00	6.28	28.74	8.03	36.72	12.42	7.80	4.93	1.26	0.11	1.50	-
2012	100.00	6.35	27.57	8.12	37.10	12.55	8.31	5.08	1.38	0.33	1.52	-
2013	100.00	6.32	27.43	8.08	36.95	12.49	8.73	5.05	1.48	0.69	1.51	-
2014	100.00	6.38	26.23	8.15	37.38	12.61	9.25	5.10	1.55	1.07	1.53	-
2015	100.00	6.34	26.07	8.10	37.15	12.54	9.80	5.09	1.57	1.63	1.52	-
2016	100.00	6.18	27.29	7.89	36.18	12.21	10.26	4.96	1.61	2.21	1.48	-
2017	100.00	6.21	29.36	6.14	34.58	12.28	11.43	4.99	1.65	3.30	1.49	-
2018	100.00	5.83	29.35	5.76	35.80	10.10	13.16	4.69	1.59	5.48	1.40	0.00
2019	100.00	5.45	30.76	5.38	35.34	8.10	14.97	4.38	1.76	7.53	1.30	0.00
2020	100.00	5.23	29.53	3.20	35.78	7.78	18.48	4.21	1.84	11.18	1.26	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 2011.

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