

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	總計 Grand 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					
							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	28,480.4	2,602.0	9,300.0	5,300.2	4,314.4	5,144.0	1,819.9	1,819.9	-	-	-	-
2000	29,634.5	2,602.0	9,900.0	5,404.2	4,764.4	5,144.0	1,819.9	1,819.9	-	-	-	-
2001	30,136.1	2,602.0	9,900.0	4,636.7	6,031.1	5,144.0	1,822.3	1,819.9	2.4	-	-	-
2002	31,915.4	2,602.0	11,197.1	3,579.2	7,482.1	5,144.0	1,911.1	1,908.7	2.4	-	-	-
2003	33,289.6	2,602.0	11,197.1	3,562.9	8,872.5	5,144.0	1,911.1	1,908.7	2.4	-	-	-
2004	34,598.0	2,602.0	11,197.1	3,522.0	10,220.5	5,144.0	1,912.5	1,907.7	4.8	-	-	-
2005	36,121.6	2,602.0	11,747.1	3,608.8	11,092.3	5,144.0	1,927.4	1,909.7	17.8	-	-	-
2006	37,371.2	2,602.0	12,297.1	3,609.8	11,711.1	5,144.0	2,007.2	1,909.7	97.6	-	-	-
2007	38,081.5	2,602.0	11,897.1	3,609.8	12,725.9	5,144.0	2,102.7	1,921.2	181.6	-	-	-
2008	38,633.6	2,602.0	11,897.1	3,609.8	13,196.9	5,144.0	2,183.8	1,937.9	246.0	-	-	-
2009	40,247.0	2,602.0	11,897.1	3,610.3	14,686.9	5,144.0	2,306.8	1,936.9	369.9	-	-	-
2010	40,912.4	2,602.0	11,897.1	3,625.7	15,194.3	5,144.0	2,449.4	1,977.4	471.5	0.5	-	-
2011	41,400.7	2,602.0	11,897.1	3,324.7	15,203.0	5,144.0	3,230.0	2,040.7	522.9	44.4	622.1	-
2012	40,976.9	2,602.0	11,297.1	3,326.7	15,203.0	5,144.0	3,404.2	2,081.3	566.6	134.3	622.1	-
2013	41,181.5	2,602.0	11,297.1	3,325.5	15,217.0	5,144.0	3,596.0	2,081.3	609.8	282.8	622.1	-
2014	40,787.2	2,602.0	10,697.1	3,325.5	15,245.0	5,144.0	3,773.7	2,081.3	632.8	437.5	622.1	-
2015	41,036.7	2,602.0	10,697.1	3,325.5	15,245.0	5,144.0	4,023.2	2,089.3	642.3	668.6	623.1	-
2016	42,132.3	2,602.0	11,497.1	3,323.1	15,245.0	5,144.0	4,321.1	2,089.3	677.7	931.0	623.2	-
2017	41,883.0	2,602.0	12,297.1	2,570.1	14,481.2	5,144.0	4,788.6	2,089.3	692.6	1,383.3	623.5	-
2018	44,623.6	2,602.0	13,097.1	2,569.1	15,973.8	4,508.0	5,873.7	2,091.5	711.1	2,447.5	623.6	0.0
2019	47,778.9	2,602.0	14,697.1	2,570.2	16,883.2	3,872.0	7,154.4	2,092.5	840.8	3,597.9	623.0	0.3

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。

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	總計 Grand 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					
							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	9.14	32.65	18.61	15.15	18.06	6.39	6.39	-	-	-	-
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

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.