

35.自用發電設備發電概況表

民國94年

行	業	別	發電裝置容量 (千瓩) Installed Capacity (MW)	平均負載 (千瓩) Average Load (MW)	淨發電量 (百萬度) Net Power Generation (GWh)	廠用電量 (百萬度) Station Use (GWh)	毛發電量 (百萬度) Gross Power Generation (GWh)
煉油廠			555.0	248.0	1,860.1	312.5	2,172.5
汽電共生廠			412.9	254.5	1,968.0	261.7	2,229.8
氣體燃料供應業			0.5	0.0	0.0	0.0	0.0
食品飲料及菸草業			67.7	27.4	219.3	21.0	240.3
紡織成衣及服飾業			79.7	36.9	291.7	31.1	322.8
紙漿、紙及紙製品業			258.0	173.3	1,247.7	270.5	1,518.2
基本化學材料製造業			3,162.5	2,536.7	19,960.9	2,260.9	22,221.7
人造纖維製造業			947.5	568.8	4,371.3	611.2	4,982.5
塑膠製品製造業			249.8	177.8	1,382.0	175.4	1,557.4
水泥及水泥製品業			57.4	29.0	223.3	30.6	254.0
鋼鐵基本工業			468.7	358.2	2,876.1	261.7	3,137.7
機械設備製造業			-	-	-	-	-
電腦通信及 視聽電子產品製造業			152.0	100.9	789.0	95.0	884.0
用水供應及汙染整治業			600.1	337.8	2,390.5	568.8	2,959.3
批發及零售業			-	-	-	-	-
運輸服務業			-	-	-	-	-
通信業			-	-	-	-	-
社會服務及個人服務業			-	-	-	-	-
公共行政業			-	-	-	-	-
農牧及林業			-	-	-	-	-
合		計	7,011.7	4,849.3	37,579.9	4,900.4	42,480.3

35. Autoproducer Electricity Generated

2005

銷售電量 (百萬度) Sales (GWh)	自用電量 (百萬度) Own Use (GWh)	外購電量 (百萬度) Electricity Purchased (GWh)	總用電量 (百萬度) Total Consumption (GWh)	自用電量占 總用電量比例 (%) $\frac{\text{Own Use}}{\text{Total Consumption}}$	Item
72.6	1,787.4	878.4	2,665.9	67.05	Petroleum Refineries
699.6	1,268.4	150.3	1,418.8	89.40	Cogeneration
0.0	0.0	11.1	11.1	0.02	Gas Companies
54.2	165.1	70.3	235.4	70.14	Food, Beverage and Tobacco
30.2	261.5	233.6	495.0	52.82	Textile, Wearing Apparel and Accessories
107.1	1,140.6	707.1	1,847.7	61.73	Pulp, Paper and Paper Products
7,680.1	12,280.8	1,531.2	13,812.0	88.91	Chemical Materials
1,503.9	2,867.4	1,798.5	4,665.9	61.45	Artificial Fibers
223.6	1,158.4	466.7	1,625.1	71.28	Resin, Plastics and Rubber
0.0	223.3	658.6	881.9	25.32	Cement and Cement Products
0.0	2,876.1	1,562.5	4,438.6	64.80	Iron and Steel
-	-	-	-	-	Machinery and Equipments
116.0	673.0	226.5	899.5	74.82	Electrical and Electronic Machinery
2,286.9	103.6	29.7	133.3	77.72	Water Supply and Remediation Activities
-	-	-	-	-	Wholesale and Retail
-	-	-	-	-	Transport Services
-	-	-	-	-	Communication
-	-	-	-	-	Social and Personal Services
-	-	-	-	-	Public Administration
-	-	-	-	-	Agriculture, Animal Husbandry and Forestry
12,774.4	24,805.5	8,324.5	33,130.1	74.87	Total

35.自用發電設備發電概況表

民國95年

行 業 別	發電裝置容量 (千瓩) Installed Capacity (MW)	平均負載 (千瓩) Average Load (MW)	淨發電量 (百萬度) Net Power Generation (GWh)	廠用電量 (百萬度) Station Use (GWh)	毛發電量 (百萬度) Gross Power Generation (GWh)
煉油廠	505.0	226.7	1,650.6	335.4	1,985.9
汽電共生廠	412.9	222.5	1,652.4	296.9	1,949.4
氣體燃料供應業	0.5	0.0	0.0	0.0	0.0
食品飲料及菸草業	67.7	18.0	140.9	16.4	157.3
紡織成衣及服飾業	71.3	35.9	278.0	36.8	314.8
紙漿、紙及紙製品業	256.3	172.7	1,244.5	268.3	1,512.8
基本化學材料製造業	3,913.4	2,671.7	21,102.0	2,302.5	23,404.4
人造纖維製造業	865.5	536.0	4,125.7	569.4	4,695.2
塑膠製品製造業	249.8	172.6	1,303.2	208.7	1,512.0
水泥及水泥製品業	57.4	29.1	224.8	30.2	254.9
鋼鐵基本工業	468.7	346.1	2,793.0	239.2	3,032.2
機械設備製造業	-	-	-	-	-
電腦通信及 視聽電子產品製造業	152.0	62.8	501.0	49.3	550.3
用水供應及汙染整治業	624.4	338.0	2,360.2	600.5	2,960.7
批發及零售業	-	-	-	-	-
運輸服務業	-	-	-	-	-
通信業	-	-	-	-	-
社會服務及個人服務業	-	-	-	-	-
公共行政業	-	-	-	-	-
農牧及林業	-	-	-	-	-
合 計	7,644.8	4,832.2	37,376.4	4,953.6	42,330.0

35. Autoproducer Electricity Generated

2006

銷售電量 (百萬度) Sales (GWh)	自用電量 (百萬度) Own Use (GWh)	外購電量 (百萬度) Electricity Purchased (GWh)	總用電量 (百萬度) Total Consumption (GWh)	自用電量占 總用電量比例 (%) $\frac{\text{Own Use}}{\text{Total Consumption}}$	Item
48.3	1,602.3	1,340.6	2,942.9	54.45	Petroleum Refineries
108.0	1,544.4	242.6	1,787.0	86.42	Cogeneration
0.0	0.0	11.1	11.1	0.05	Gas Companies
33.2	107.7	92.7	200.4	53.74	Food, Beverage and Tobacco
22.5	255.6	262.8	518.3	49.31	Textile, Wearing Apparel and Accessories
86.5	1,158.0	710.3	1,868.2	61.98	Pulp, Paper and Paper Products
7,738.7	13,363.2	1,150.1	14,513.4	92.08	Chemical Materials
1,309.8	2,816.0	2,207.8	5,023.8	56.05	Artificial Fibers
175.5	1,127.8	539.6	1,667.4	67.64	Resin, Plastics and Rubber
0.0	224.8	682.9	907.6	24.76	Cement and Cement Products
0.0	2,793.0	1,781.3	4,574.3	61.06	Iron and Steel
-	-	-	-	-	Machinery and Equipments
90.5	410.4	165.2	575.6	71.30	Electrical and Electronic Machinery
2,259.2	101.0	42.5	143.5	70.36	Water Supply and Remediation Activities
-	-	-	-	-	Wholesale and Retail
-	-	-	-	-	Transport Services
-	-	-	-	-	Communication
-	-	-	-	-	Social and Personal Services
-	-	-	-	-	Public Administration
-	-	-	-	-	Agriculture, Animal Husbandry and Forestry
11,872.4	25,504.1	9,229.5	34,733.6	73.43	Total

35.自用發電設備發電概況表

民國96年

行	業	別	發電裝置容量 (千瓩) Installed Capacity (MW)	平均負載 (千瓩) Average Load (MW)	淨發電量 (百萬度) Net Power Generation (GWh)	廠用電量 (百萬度) Station Use (GWh)	毛發電量 (百萬度) Gross Power Generation (GWh)
煉油廠			538.6	215.0	1,585.4	298.0	1,883.4
汽電共生廠			412.9	264.1	1,989.0	324.4	2,313.4
氣體燃料供應業			0.5	0.0	0.0	0.0	0.0
食品飲料及菸草業			67.7	9.5	68.6	14.4	82.9
紡織成衣及服飾業			71.3	29.3	220.4	36.3	256.6
紙漿、紙及紙製品業			256.3	159.1	1,133.3	260.1	1,393.4
基本化學材料製造業			4,013.4	2,946.6	23,224.6	2,587.8	25,812.4
人造纖維製造業			837.0	482.1	3,691.7	531.4	4,223.1
塑膠製品製造業			249.8	156.7	1,209.4	163.7	1,373.1
水泥及水泥製品業			57.4	25.3	191.2	30.4	221.5
鋼鐵基本工業			468.7	369.3	2,941.1	294.0	3,235.1
機械設備製造業			-	-	-	-	-
電腦通信及 視聽電子產品製造業			152.0	52.2	418.7	38.5	457.2
用水供應及汙染整治業			636.1	350.0	2,450.6	615.5	3,066.1
批發及零售業			-	-	-	-	-
運輸服務業			-	-	-	-	-
通信業			-	-	-	-	-
社會服務及個人服務業			-	-	-	-	-
公共行政業			-	-	-	-	-
農牧及林業			-	-	-	-	-
合		計	7,761.6	5,059.2	39,124.0	5,194.3	44,318.3

35. Autoproducer Electricity Generated

2007

銷售電量 (百萬度) Sales (GWh)	自用電量 (百萬度) Own Use (GWh)	外購電量 (百萬度) Electricity Purchased (GWh)	總用電量 (百萬度) Total Consumption (GWh)	自用電量占 總用電量比例 (%) $\frac{\text{Own Use}}{\text{Total Consumption}}$	Item
12.9	1,572.5	1,057.6	2,630.1	59.79	Petroleum Refineries
196.1	1,792.9	337.1	2,130.0	84.18	Cogeneration
0.0	0.0	11.9	11.9	0.07	Gas Companies
0.1	68.5	166.0	234.4	29.20	Food, Beverage and Tobacco
13.9	206.5	249.4	455.9	45.30	Textile, Wearing Apparel and Accessories
69.4	1,063.9	770.7	1,834.6	57.99	Pulp, Paper and Paper Products
7,839.4	15,385.2	1,151.2	16,536.5	93.04	Chemical Materials
1,126.8	2,564.9	1,831.9	4,396.8	58.34	Artificial Fibers
165.0	1,044.4	757.1	1,801.4	57.98	Resin, Plastics and Rubber
0.0	191.2	696.4	887.6	21.54	Cement and Cement Products
0.0	2,941.1	1,862.3	4,803.4	61.23	Iron and Steel
-	-	-	-	-	Machinery and Equipments
84.6	334.1	180.7	514.8	64.91	Electrical and Electronic Machinery
2,365.5	85.1	32.6	117.7	72.29	Water Supply and Remediation Activities
-	-	-	-	-	Wholesale and Retail
-	-	-	-	-	Transport Services
-	-	-	-	-	Communication
-	-	-	-	-	Social and Personal Services
-	-	-	-	-	Public Administration
-	-	-	-	-	Agriculture, Animal Husbandry and Forestry
11,873.7	27,250.3	9,104.7	36,355.0	74.96	Total

35.自用發電設備發電概況表

民國97年

行	業	別	發電裝置容量 (千瓩) Installed Capacity (MW)	平均負載 (千瓩) Average Load (MW)	淨發電量 (百萬度) Net Power Generation (GWh)	廠用電量 (百萬度) Station Use (GWh)	毛發電量 (百萬度) Gross Power Generation (GWh)
煉油廠			538.6	183.6	1,351.8	261.1	1,612.9
汽電共生廠			412.9	232.6	1,756.3	286.6	2,043.0
氣體燃料供應業			0.5	0.0	0.0	0.0	0.0
食品飲料及菸草業			67.7	7.7	56.7	10.8	67.5
紡織成衣及服飾業			58.5	12.7	95.5	15.7	111.2
紙漿、紙及紙製品業			205.7	140.4	1,000.6	232.8	1,233.4
基本化學材料製造業			4,013.4	2,605.2	20,815.7	2,068.4	22,884.1
人造纖維製造業			821.2	428.8	3,304.1	462.7	3,766.8
塑膠製品製造業			249.8	131.4	1,004.9	149.3	1,154.2
水泥及水泥製品業			57.4	22.4	171.6	25.6	197.2
鋼鐵基本工業			468.7	316.7	2,514.4	267.4	2,781.8
機械設備製造業			-	-	-	-	-
電腦通信及 視聽電子產品製造業			152.0	50.4	396.6	46.1	442.6
用水供應及汙染整治業			636.1	345.0	2,357.6	673.0	3,030.6
批發及零售業			-	-	-	-	-
運輸服務業			-	-	-	-	-
通信業			-	-	-	-	-
社會服務及個人服務業			-	-	-	-	-
公共行政業			-	-	-	-	-
農牧及林業			-	-	-	-	-
合		計	7,682.4	4,476.9	34,825.8	4,499.5	39,325.3

35. Autoproducer Electricity Generated

2008

銷售電量 (百萬度) Sales (GWh)	自用電量 (百萬度) Own Use (GWh)	外購電量 (百萬度) Electricity Purchased (GWh)	總用電量 (百萬度) Total Consumption (GWh)	自用電量占 總用電量比例 (%) $\frac{\text{Own Use}}{\text{Total Consumption}}$	Item
1.8	1,350.0	1,232.6	2,582.6	52.27	Petroleum Refineries
288.3	1,468.0	332.2	1,800.3	81.55	Cogeneration
0.0	0.0	12.0	12.0	0.04	Gas Companies
0.0	56.6	141.1	197.8	28.64	Food, Beverage and Tobacco
0.1	95.4	257.9	353.3	27.01	Textile, Wearing Apparel and Accessories
84.5	916.1	636.8	1,552.9	58.99	Pulp, Paper and Paper Products
5,821.3	14,994.4	1,332.1	16,326.5	91.84	Chemical Materials
1,152.3	2,151.8	1,466.9	3,618.7	59.46	Artificial Fibers
115.2	889.7	792.5	1,682.2	52.89	Resin, Plastics and Rubber
0.0	171.6	609.5	781.2	21.97	Cement and Cement Products
0.0	2,514.4	2,089.6	4,604.0	54.61	Iron and Steel
-	-	-	-	-	Machinery and Equipments
54.1	342.5	243.6	586.1	58.44	Electrical and Electronic Machinery
2,318.0	39.6	34.7	74.3	53.28	Water Supply and Remediation Activities
-	-	-	-	-	Wholesale and Retail
-	-	-	-	-	Transport Services
-	-	-	-	-	Communication
-	-	-	-	-	Social and Personal Services
-	-	-	-	-	Public Administration
-	-	-	-	-	Agriculture, Animal Husbandry and Forestry
9,835.5	24,990.3	9,181.5	34,171.8	73.13	Total

35.自用發電設備發電概況表

民國98年

行	業	別	發電裝置容量 (千瓩) Installed Capacity (MW)	平均負載 (千瓩) Average Load (MW)	淨發電量 (百萬度) Net Power Generation (GWh)	廠用電量 (百萬度) Station Use (GWh)	毛發電量 (百萬度) Gross Power Generation (GWh)
煉油廠			538.6	157.8	1,157.9	224.3	1,382.2
汽電共生廠			412.9	283.1	2,157.6	322.5	2,480.0
氣體燃料供應業			0.5	0.0	0.0	0.0	0.0
食品飲料及菸草業			67.7	8.1	62.6	8.3	70.9
紡織成衣及服飾業			58.5	11.5	87.5	13.3	100.9
紙漿、紙及紙製品業			205.7	130.5	928.5	214.6	1,143.0
基本化學材料製造業			4,066.9	2,742.4	21,807.1	2,215.9	24,023.0
人造纖維製造業			814.2	422.2	3,266.5	432.2	3,698.8
塑膠製品製造業			182.3	115.8	877.5	136.7	1,014.2
水泥及水泥製品業			57.4	21.7	162.2	27.5	189.7
鋼鐵基本工業			468.7	257.1	2,040.3	211.8	2,252.1
機械設備製造業			-	-	-	-	-
電腦通信及 視聽電子產品製造業			152.0	46.5	371.9	35.1	407.0
用水供應及汙染整治業			636.1	338.4	2,278.4	686.0	2,964.3
批發及零售業			-	-	-	-	-
運輸服務業			-	-	-	-	-
通信業			-	-	-	-	-
社會服務及個人服務業			-	-	-	-	-
公共行政業			-	-	-	-	-
農牧及林業			-	-	-	-	-
合		計	7,661.4	4,534.9	35,197.9	4,528.2	39,726.1

35. Autoproducer Electricity Generated

2009

銷售電量 (百萬度) Sales (GWh)	自用電量 (百萬度) Own Use (GWh)	外購電量 (百萬度) Electricity Purchased (GWh)	總用電量 (百萬度) Total Consumption (GWh)	自用電量占 總用電量比例 (%) $\frac{\text{Own Use}}{\text{Total Consumption}}$	Item
0.0	1,157.9	1,355.2	2,513.1	46.07	Petroleum Refineries
498.7	1,658.8	153.4	1,812.2	91.54	Cogeneration
0.0	0.0	11.9	11.9	0.03	Gas Companies
1.1	61.5	132.3	193.8	31.72	Food, Beverage and Tobacco
1.1	86.5	159.2	245.7	35.20	Textile, Wearing Apparel and Accessories
81.7	846.8	699.6	1,546.4	54.76	Pulp, Paper and Paper Products
7,082.4	14,724.7	1,368.3	16,093.0	91.50	Chemical Materials
1,224.2	2,042.3	1,243.6	3,285.9	62.15	Artificial Fibers
132.3	745.2	680.3	1,425.4	52.28	Resin, Plastics and Rubber
0.0	162.2	589.0	751.2	21.59	Cement and Cement Products
0.0	2,040.3	1,987.9	4,028.1	50.65	Iron and Steel
-	-	-	-	-	Machinery and Equipments
41.3	330.6	239.5	570.1	57.99	Electrical and Electronic Machinery
2,261.6	16.8	22.2	39.0	43.09	Water Supply and Remediation Activities
-	-	-	-	-	Wholesale and Retail
-	-	-	-	-	Transport Services
-	-	-	-	-	Communication
-	-	-	-	-	Social and Personal Services
-	-	-	-	-	Public Administration
-	-	-	-	-	Agriculture, Animal Husbandry and Forestry
11,324.5	23,873.5	8,642.5	32,515.9	73.42	Total

35.自用發電設備發電概況表

民國99年

行	業	別	發電裝置容量 (千瓩) Installed Capacity (MW)	平均負載 (千瓩) Average Load (MW)	淨發電量 (百萬度) Net Power Generation (GWh)	廠用電量 (百萬度) Station Use (GWh)	毛發電量 (百萬度) Gross Power Generation (GWh)
煉油廠			538.6	149.0	1,076.8	228.6	1,305.4
汽電共生廠			412.9	283.6	2,167.0	317.2	2,484.2
氣體燃料供應業			0.5	0.0	0.0	0.0	0.0
食品飲料及菸草業			59.7	8.1	61.1	10.3	71.3
紡織成衣及服飾業			58.5	11.3	85.5	13.4	98.9
紙漿、紙及紙製品業			249.2	142.2	983.6	262.4	1,246.1
基本化學材料製造業			4,104.0	2,655.5	20,729.7	2,532.1	23,261.8
人造纖維製造業			814.2	454.8	3,546.1	438.2	3,984.3
塑膠製品製造業			182.3	104.6	786.6	129.4	915.9
水泥及水泥製品業			57.4	21.0	159.9	23.9	183.8
鋼鐵基本工業			628.7	400.9	3,206.0	306.1	3,512.0
機械設備製造業			-	-	-	-	-
電腦通信及 視聽電子產品製造業			152.0	54.2	433.4	41.7	475.2
用水供應及汙染整治業			636.1	350.5	2,383.9	686.7	3,070.6
批發及零售業			-	-	-	-	-
運輸服務業			-	-	-	-	-
通信業			-	-	-	-	-
社會服務及個人服務業			-	-	-	-	-
公共行政業			-	-	-	-	-
農牧及林業			-	-	-	-	-
合		計	7,894.0	4,635.8	35,619.7	4,989.9	40,609.6

35. Autoproducer Electricity Generated

2010

銷售電量 (百萬度) Sales (GWh)	自用電量 (百萬度) Own Use (GWh)	外購電量 (百萬度) Electricity Purchased (GWh)	總用電量 (百萬度) Total Consumption (GWh)	自用電量占 總用電量比例 (%) $\frac{\text{Own Use}}{\text{Total Consumption}}$	Item
0.0	1,076.8	1,484.1	2,560.9	42.05	Petroleum Refineries
418.3	1,748.7	187.8	1,936.4	90.30	Cogeneration
0.0	0.0	12.0	12.0	0.02	Gas Companies
0.2	60.9	231.1	292.0	20.87	Food, Beverage and Tobacco
0.0	85.5	180.4	265.9	32.16	Textile, Wearing Apparel and Accessories
62.6	921.0	695.0	1,616.0	56.99	Pulp, Paper and Paper Products
5,215.7	15,514.0	1,388.9	16,902.9	91.78	Chemical Materials
1,278.0	2,268.1	1,302.7	3,570.8	63.52	Artificial Fibers
105.8	680.8	299.1	979.8	69.48	Resin, Plastics and Rubber
0.0	159.9	574.5	734.4	21.77	Cement and Cement Products
0.0	3,206.0	2,476.1	5,682.1	56.42	Iron and Steel
-	-	-	-	-	Machinery and Equipments
64.8	368.7	215.3	584.0	63.13	Electrical and Electronic Machinery
2,356.7	27.3	44.4	71.7	38.02	Water Supply and Remediation Activities
-	-	-	-	-	Wholesale and Retail
-	-	-	-	-	Transport Services
-	-	-	-	-	Communication
-	-	-	-	-	Social and Personal Services
-	-	-	-	-	Public Administration
-	-	-	-	-	Agriculture, Animal Husbandry and Forestry
9,502.1	26,117.5	9,091.4	35,209.0	74.18	Total

35.自用發電設備發電概況表

民國100年

行	業	別	發電裝置容量 (千瓩) Installed Capacity (MW)	平均負載 (千瓩) Average Load (MW)	淨發電量 (百萬度) Net Power Generation (GWh)	廠用電量 (百萬度) Station Use (GWh)	毛發電量 (百萬度) Gross Power Generation (GWh)
煉油廠			538.6	145.5	1,057.9	216.3	1,274.2
汽電共生廠			412.9	278.3	2,126.6	311.1	2,437.7
氣體燃料供應業			0.5	0.0	0.0	0.0	0.0
食品飲料及菸草業			59.7	7.6	58.3	8.3	66.6
紡織成衣及服飾業			58.5	9.9	74.6	12.1	86.7
紙漿、紙及紙製品業			249.2	170.3	1,236.1	255.3	1,491.5
基本化學材料製造業			4,104.0	2,515.0	19,678.9	2,353.0	22,031.8
人造纖維製造業			814.2	435.9	3,387.3	430.9	3,818.2
塑膠製品製造業			182.3	110.4	835.4	131.4	966.9
水泥及水泥製品業			57.4	23.2	177.8	25.5	203.4
鋼鐵基本工業			628.7	438.2	3,431.0	407.8	3,838.8
機械設備製造業			-	-	-	-	-
電腦通信及 視聽電子產品製造業			152.0	49.2	391.2	39.8	430.9
用水供應及汙染整治業			632.6	356.2	2,428.8	691.3	3,120.1
批發及零售業			-	-	-	-	-
運輸服務業			-	-	-	-	-
通信業			-	-	-	-	-
社會服務及個人服務業			-	-	-	-	-
公共行政業			-	-	-	-	-
農牧及林業			-	-	-	-	-
合		計	7,890.5	4,539.6	34,883.9	4,882.8	39,766.8

35. Autoproducer Electricity Generated

2011

銷售電量 (百萬度) Sales (GWh)	自用電量 (百萬度) Own Use (GWh)	外購電量 (百萬度) Electricity Purchased (GWh)	總用電量 (百萬度) Total Consumption (GWh)	自用電量占 總用電量比例 (%) $\frac{\text{Own Use}}{\text{Total Consumption}}$	Item
0.0	1,057.9	1,490.6	2,548.5	41.51	Petroleum Refineries
406.1	1,720.5	231.8	1,952.3	88.13	Cogeneration
0.0	0.0	11.6	11.6	0.02	Gas Companies
0.3	57.9	103.4	161.3	35.92	Food, Beverage and Tobacco
0.0	74.6	150.1	224.8	33.20	Textile, Wearing Apparel and Accessories
53.8	1,182.3	765.1	1,947.4	60.71	Pulp, Paper and Paper Products
4,981.0	14,697.9	1,379.3	16,077.2	91.42	Chemical Materials
1,240.3	2,147.0	1,262.2	3,409.2	62.98	Artificial Fibers
123.0	712.4	266.1	978.6	72.80	Resin, Plastics and Rubber
0.0	177.8	601.9	779.7	22.81	Cement and Cement Products
1.2	3,429.8	3,049.6	6,479.4	52.93	Iron and Steel
-	-	-	-	-	Machinery and Equipments
56.6	334.6	251.7	586.3	57.07	Electrical and Electronic Machinery
2,392.6	36.1	24.2	60.3	59.94	Water Supply and Remediation Activities
-	-	-	-	-	Wholesale and Retail
-	-	-	-	-	Transport Services
-	-	-	-	-	Communication
-	-	-	-	-	Social and Personal Services
-	-	-	-	-	Public Administration
-	-	-	-	-	Agriculture, Animal Husbandry and Forestry
9,254.8	25,629.1	9,587.4	35,216.5	72.78	Total

35.自用發電設備發電概況表

民國101年

行	業	別	發電裝置容量 (千瓩) Installed Capacity (MW)	平均負載 (千瓩) Average Load (MW)	淨發電量 (百萬度) Net Power Generation (GWh)	廠用電量 (百萬度) Station Use (GWh)	毛發電量 (百萬度) Gross Power Generation (GWh)
煉油廠			538.6	133.4	952.9	218.9	1,171.8
汽電共生廠			412.9	271.2	2,063.8	318.7	2,382.6
氣體燃料供應業			0.5	0.0	0.0	0.0	0.0
食品飲料及菸草業			59.7	7.1	55.5	7.2	62.7
紡織成衣及服飾業			58.5	6.6	48.6	9.6	58.2
紙漿、紙及紙製品業			278.2	169.2	1,238.5	247.5	1,486.0
基本化學材料製造業			4,108.7	2,400.4	18,781.2	2,304.0	21,085.3
人造纖維製造業			814.2	361.5	2,808.8	366.7	3,175.5
塑膠製品製造業			182.3	100.4	756.6	125.3	881.9
水泥及水泥製品業			57.4	21.1	161.9	23.6	185.5
鋼鐵基本工業			628.7	402.2	3,119.6	412.9	3,532.5
機械設備製造業			-	-	-	-	-
電腦通信及 視聽電子產品製造業			152.0	33.3	260.4	31.9	292.3
用水供應及汙染整治業			632.6	353.3	2,418.3	685.1	3,103.4
批發及零售業			-	-	-	-	-
運輸服務業			-	-	-	-	-
通信業			-	-	-	-	-
社會服務及個人服務業			-	-	-	-	-
公共行政業			-	-	-	-	-
農牧及林業			-	-	-	-	-
合		計	7,924.2	4,259.7	32,666.1	4,751.5	37,417.6

35. Autoproducer Electricity Generated

2012

銷售電量 (百萬度) Sales (GWh)	自用電量 (百萬度) Own Use (GWh)	外購電量 (百萬度) Electricity Purchased (GWh)	總用電量 (百萬度) Total Consumption (GWh)	自用電量占 總用電量比例 (%) $\frac{\text{Own Use}}{\text{Total Consumption}}$	Item
0.0	952.9	1,575.5	2,528.4	37.69	Petroleum Refineries
361.8	1,702.0	196.7	1,898.7	89.64	Cogeneration
0.0	0.0	11.0	11.0	0.03	Gas Companies
0.4	55.0	101.2	156.2	35.22	Food, Beverage and Tobacco
0.0	48.6	163.5	212.0	22.91	Textile, Wearing Apparel and Accessories
49.9	1,188.7	793.7	1,982.3	59.96	Pulp, Paper and Paper Products
3,511.3	15,269.9	1,380.2	16,650.1	91.71	Chemical Materials
709.9	2,098.9	1,237.5	3,336.4	62.91	Artificial Fibers
123.1	633.5	299.6	933.1	67.89	Resin, Plastics and Rubber
0.0	161.9	543.6	705.5	22.95	Cement and Cement Products
9.0	3,110.6	3,132.1	6,242.7	49.83	Iron and Steel
-	-	-	-	-	Machinery and Equipments
70.6	189.8	357.7	547.5	34.67	Electrical and Electronic Machinery
2,373.3	45.1	41.3	86.4	52.15	Water Supply and Remediation Activities
-	-	-	-	-	Wholesale and Retail
-	-	-	-	-	Transport Services
-	-	-	-	-	Communication
-	-	-	-	-	Social and Personal Services
-	-	-	-	-	Public Administration
-	-	-	-	-	Agriculture, Animal Husbandry and Forestry
7,209.3	25,456.8	9,833.7	35,290.5	72.14	Total

35.自用發電設備發電概況表

民國102年

行	業	別	發電裝置容量 (千瓩) Installed Capacity (MW)	平均負載 (千瓩) Average Load (MW)	淨發電量 (百萬度) Net Power Generation (GWh)	廠用電量 (百萬度) Station Use (GWh)	毛發電量 (百萬度) Gross Power Generation (GWh)
煉油廠			545.1	117.9	842.7	190.1	1,032.8
汽電共生廠			412.9	250.0	1,890.4	299.3	2,189.7
氣體燃料供應業			0.5	0.0	0.0	0.0	0.0
食品飲料及菸草業			59.7	7.3	56.7	6.9	63.6
紡織成衣及服飾業			58.5	0.0	0.0	0.0	0.0
紙漿、紙及紙製品業			278.2	176.6	1,294.0	253.2	1,547.2
基本化學材料製造業			4,151.8	2,706.0	21,464.7	2,239.9	23,704.7
人造纖維製造業			814.2	404.7	3,172.0	373.5	3,545.5
塑膠製品製造業			182.3	105.0	790.6	129.0	919.6
水泥及水泥製品業			57.4	21.0	160.6	23.5	184.1
鋼鐵基本工業			764.2	407.4	3,214.4	354.7	3,569.0
機械設備製造業			-	-	-	-	-
電腦通信及 視聽電子產品製造業			152.0	36.0	277.1	38.0	315.1
用水供應及汙染整治業			632.6	360.9	2,463.8	697.4	3,161.3
批發及零售業			-	-	-	-	-
運輸服務業			-	-	-	-	-
通信業			-	-	-	-	-
社會服務及個人服務業			-	-	-	-	-
公共行政業			-	-	-	-	-
農牧及林業			-	-	-	-	-
合		計	8,109.3	4,592.8	35,627.0	4,605.6	40,232.5

35. Autoproducer Electricity Generated

2013

銷售電量 (百萬度) Sales (GWh)	自用電量 (百萬度) Own Use (GWh)	外購電量 (百萬度) Electricity Purchased (GWh)	總用電量 (百萬度) Total Consumption (GWh)	自用電量占 總用電量比例 (%) $\frac{\text{Own Use}}{\text{Total Consumption}}$	Item
0.0	842.7	1,603.6	2,446.3	34.45	Petroleum Refineries
345.5	1,544.8	156.5	1,701.3	90.80	Cogeneration
0.0	0.0	11.1	11.1	0.03	Gas Companies
0.4	56.2	109.3	165.6	33.96	Food, Beverage and Tobacco
0.0	0.0	218.5	218.5	0.00	Textile, Wearing Apparel and Accessories
87.4	1,206.6	650.3	1,856.9	64.98	Pulp, Paper and Paper Products
5,530.2	15,934.5	997.6	16,932.1	94.11	Chemical Materials
1,038.5	2,133.5	1,531.4	3,664.9	58.21	Artificial Fibers
121.1	669.5	272.5	942.0	71.07	Resin, Plastics and Rubber
0.0	160.6	594.9	755.5	21.26	Cement and Cement Products
41.8	3,172.6	2,850.2	6,022.8	52.68	Iron and Steel
-	-	-	-	-	Machinery and Equipments
102.4	174.7	268.8	443.4	39.39	Electrical and Electronic Machinery
2,430.5	33.4	36.5	69.9	47.74	Water Supply and Remediation Activities
-	-	-	-	-	Wholesale and Retail
-	-	-	-	-	Transport Services
-	-	-	-	-	Communication
-	-	-	-	-	Social and Personal Services
-	-	-	-	-	Public Administration
-	-	-	-	-	Agriculture, Animal Husbandry and Forestry
9,697.9	25,929.1	9,301.2	35,230.2	73.60	Total

35.自用發電設備發電概況表

民國103年

行	業	別	發電裝置容量 (千瓩) Installed Capacity (MW)	平均負載 (千瓩) Average Load (MW)	淨發電量 (百萬度) Net Power Generation (GWh)	廠用電量 (百萬度) Station Use (GWh)	毛發電量 (百萬度) Gross Power Generation (GWh)
煉油廠			545.1	103.7	766.8	141.8	908.6
汽電共生廠			412.9	301.2	2,292.3	346.2	2,638.5
氣體燃料供應業			0.5	0.0	0.0	0.0	0.0
食品飲料及菸草業			59.7	7.9	61.3	7.9	69.2
紡織成衣及服飾業			47.5	7.9	58.2	11.4	69.6
紙漿、紙及紙製品業			278.2	196.7	1,410.2	312.8	1,723.0
基本化學材料製造業			4,137.8	2,640.7	21,018.7	2,114.1	23,132.9
人造纖維製造業			814.2	400.0	3,122.8	381.3	3,504.1
塑膠製品製造業			182.3	108.4	819.5	130.0	949.5
水泥及水泥製品業			57.4	21.5	166.3	21.6	188.0
鋼鐵基本工業			764.2	570.4	4,580.1	416.9	4,997.0
機械設備製造業			-	-	-	-	-
電腦通信及 視聽電子產品製造業			114.0	41.5	305.9	57.7	363.6
用水供應及汙染整治業			632.6	366.8	2,523.6	689.1	3,212.7
批發及零售業			-	-	-	-	-
運輸服務業			-	-	-	-	-
通信業			-	-	-	-	-
社會服務及個人服務業			-	-	-	-	-
公共行政業			-	-	-	-	-
農牧及林業			-	-	-	-	-
合		計	8,046.3	4,766.7	37,125.7	4,631.0	41,756.7

35. Autoproducer Electricity Generated

2014

銷售電量 (百萬度) Sales (GWh)	自用電量 (百萬度) Own Use (GWh)	外購電量 (百萬度) Electricity Purchased (GWh)	總用電量 (百萬度) Total Consumption (GWh)	自用電量占 總用電量比例 (%) $\frac{\text{Own Use}}{\text{Total Consumption}}$	Item
0.0	766.8	1,629.6	2,396.3	32.00	Petroleum Refineries
433.3	1,859.0	62.2	1,921.2	96.76	Cogeneration
0.0	0.0	10.1	10.1	0.03	Gas Companies
0.3	60.9	108.4	169.4	35.98	Food, Beverage and Tobacco
0.0	58.2	164.1	222.2	26.17	Textile, Wearing Apparel and Accessories
87.5	1,322.7	638.8	1,961.5	67.43	Pulp, Paper and Paper Products
5,054.3	15,964.5	1,027.9	16,992.4	93.95	Chemical Materials
1,034.7	2,088.1	1,193.4	3,281.5	63.63	Artificial Fibers
132.5	687.0	288.4	975.5	70.43	Resin, Plastics and Rubber
0.0	166.3	574.7	741.0	22.45	Cement and Cement Products
99.9	4,480.2	2,507.7	6,987.9	64.11	Iron and Steel
-	-	-	-	-	Machinery and Equipments
109.2	196.7	138.7	335.4	58.65	Electrical and Electronic Machinery
2,494.2	29.4	27.9	57.3	51.24	Water Supply and Remediation Activities
-	-	-	-	-	Wholesale and Retail
-	-	-	-	-	Transport Services
-	-	-	-	-	Communication
-	-	-	-	-	Social and Personal Services
-	-	-	-	-	Public Administration
-	-	-	-	-	Agriculture, Animal Husbandry and Forestry
9,446.0	27,679.7	8,372.0	36,051.7	76.78	Total

35.自用發電設備發電概況表

民國104年

行	業	別	發電裝置容量 (千瓩) Installed Capacity (MW)	平均負載 (千瓩) Average Load (MW)	淨發電量 (百萬度) Net Power Generation (GWh)	廠用電量 (百萬度) Station Use (GWh)	毛發電量 (百萬度) Gross Power Generation (GWh)
煉油廠			545.1	92.9	697.1	116.6	813.6
汽電共生廠			412.9	301.6	2,309.5	332.3	2,641.7
氣體燃料供應業			0.5	0.0	0.0	0.0	0.0
食品飲料及菸草業			57.2	7.9	61.1	8.2	69.2
紡織成衣及服飾業			47.5	9.6	70.0	13.8	83.8
紙漿、紙及紙製品業			266.4	175.5	1,279.6	257.3	1,537.0
基本化學材料製造業			4,137.8	2,518.5	19,972.3	2,089.6	22,061.9
人造纖維製造業			814.2	280.2	2,181.7	272.9	2,454.6
塑膠製品製造業			182.3	117.2	889.5	137.6	1,027.1
水泥及水泥製品業			57.4	19.3	148.2	20.7	168.9
鋼鐵基本工業			764.2	553.6	4,368.4	480.7	4,849.1
機械設備製造業			-	-	-	-	-
電腦通信及 視聽電子產品製造業			114.0	43.1	327.8	50.0	377.8
用水供應及汙染整治業			632.6	372.4	2,581.1	681.2	3,262.3
批發及零售業			-	-	-	-	-
運輸服務業			-	-	-	-	-
通信業			-	-	-	-	-
社會服務及個人服務業			-	-	-	-	-
公共行政業			-	-	-	-	-
農牧及林業			1.18	0.31	2.57	0.14	2.72
合		計	8,033.2	4,492.0	34,888.8	4,460.9	39,349.7

35. Autoproducer Electricity Generated

2015

銷售電量 (百萬度) Sales (GWh)	自用電量 (百萬度) Own Use (GWh)	外購電量 (百萬度) Electricity Purchased (GWh)	總用電量 (百萬度) Total Consumption (GWh)	自用電量占 總用電量比例 (%) $\frac{\text{Own Use}}{\text{Total Consumption}}$	Item
0.0	697.1	1,690.1	2,387.1	29.20	Petroleum Refineries
394.0	1,915.5	108.8	2,024.3	94.62	Cogeneration
0.0	0.0	8.7	8.7	0.01	Gas Companies
0.2	60.9	120.9	181.7	33.49	Food, Beverage and Tobacco
0.0	70.0	117.2	187.2	37.40	Textile, Wearing Apparel and Accessories
114.4	1,165.2	702.5	1,867.7	62.39	Pulp, Paper and Paper Products
4,156.3	15,816.0	1,110.3	16,926.3	93.44	Chemical Materials
1,113.2	1,068.5	1,140.5	2,209.0	48.37	Artificial Fibers
159.7	729.7	255.4	985.1	74.07	Resin, Plastics and Rubber
0.0	148.2	545.5	693.7	21.37	Cement and Cement Products
116.6	4,251.8	2,346.9	6,598.7	64.43	Iron and Steel
-	-	-	-	-	Machinery and Equipments
177.7	150.1	0.1	150.3	99.91	Electrical and Electronic Machinery
2,525.6	55.5	43.1	98.6	56.30	Water Supply and Remediation Activities
-	-	-	-	-	Wholesale and Retail
-	-	-	-	-	Transport Services
-	-	-	-	-	Communication
-	-	-	-	-	Social and Personal Services
-	-	-	-	-	Public Administration
1.18	1.39	0.42	1.81	77.01	Agriculture, Animal Husbandry and Forestry
8,758.8	26,130.0	8,190.4	34,320.4	76.14	Total

35.自用發電設備發電概況表

民國105年

行	業	別	發電裝置容量 (千瓩) Installed Capacity (MW)	平均負載 (千瓩) Average Load (MW)	淨發電量 (百萬度) Net Power Generation (GWh)	廠用電量 (百萬度) Station Use (GWh)	毛發電量 (百萬度) Gross Power Generation (GWh)
煉油廠			245.1	89.7	679.3	108.8	788.1
汽電共生廠			412.9	306.9	2,354.2	341.9	2,696.1
氣體燃料供應業			0.5	0.0	0.0	0.0	0.0
食品飲料及菸草業			57.2	8.0	61.7	8.3	70.0
紡織成衣及服飾業			47.5	7.9	57.6	11.4	69.0
紙漿、紙及紙製品業			286.4	173.6	1,272.9	252.4	1,525.2
基本化學材料製造業			4,137.8	2,483.6	19,758.8	2,057.0	21,815.7
人造纖維製造業			814.2	235.8	1,828.6	242.4	2,071.0
塑膠製品製造業			182.3	105.7	800.5	128.3	928.7
水泥及水泥製品業			57.4	16.4	125.7	17.9	143.7
鋼鐵基本工業			764.2	539.9	4,273.2	469.7	4,742.9
機械設備製造業			-	-	-	-	-
電腦通信及 視聽電子產品製造業			114.0	42.2	318.5	52.0	370.5
用水供應及汙染整治業			632.6	371.2	2,567.5	692.8	3,260.3
批發及零售業			-	-	-	-	-
運輸服務業			-	-	-	-	-
通信業			-	-	-	-	-
社會服務及個人服務業			-	-	-	-	-
公共行政業			-	-	-	-	-
農牧及林業			1.18	0.56	4.80	0.08	4.88
合		計	7,753.2	4,381.4	34,103.1	4,383.0	38,486.1

35. Autoproducer Electricity Generated

2016

銷售電量 (百萬度) Sales (GWh)	自用電量 (百萬度) Own Use (GWh)	外購電量 (百萬度) Electricity Purchased (GWh)	總用電量 (百萬度) Total Consumption (GWh)	自用電量占 總用電量比例 (%) $\frac{\text{Own Use}}{\text{Total Consumption}}$	Item
0.0	679.3	1,769.4	2,448.7	27.74	Petroleum Refineries
374.6	1,979.6	119.2	2,098.8	94.32	Cogeneration
0.0	0.0	8.5	8.5	0.00	Gas Companies
1.1	60.6	114.4	175.0	34.64	Food, Beverage and Tobacco
0.0	57.6	76.0	133.6	43.11	Textile, Wearing Apparel and Accessories
104.2	1,168.7	646.9	1,815.6	64.37	Pulp, Paper and Paper Products
3,865.8	15,893.0	1,013.3	16,906.3	94.01	Chemical Materials
1,184.9	643.7	1,241.0	1,884.7	34.15	Artificial Fibers
159.9	640.6	321.9	962.5	66.56	Resin, Plastics and Rubber
0.0	125.7	534.5	660.2	19.04	Cement and Cement Products
60.3	4,212.9	2,772.9	6,985.8	60.31	Iron and Steel
-	-	-	-	-	Machinery and Equipments
168.2	150.2	28.2	178.4	84.21	Electrical and Electronic Machinery
2,544.8	22.7	29.8	52.5	43.27	Water Supply and Remediation Activities
-	-	-	-	-	Wholesale and Retail
-	-	-	-	-	Transport Services
-	-	-	-	-	Communication
-	-	-	-	-	Social and Personal Services
-	-	-	-	-	Public Administration
0.72	4.08	1.06	5.14	79.39	Agriculture, Animal Husbandry and Forestry
8,464.4	25,638.7	8,676.7	34,315.5	74.71	Total

35.自用發電設備發電概況表

民國106年

行	業	別	發電裝置容量 (千瓩) Installed Capacity (MW)	平均負載 (千瓩) Average Load (MW)	淨發電量 (百萬度) Net Power Generation (GWh)	廠用電量 (百萬度) Station Use (GWh)	毛發電量 (百萬度) Gross Power Generation (GWh)
煉油廠			245.1	85.3	646.6	100.4	746.9
汽電共生廠			412.9	323.1	2,482.2	348.2	2,830.4
氣體燃料供應業			0.5	0.0	0.0	0.0	0.0
食品飲料及菸草業			38.0	8.1	62.0	8.7	70.7
紡織成衣及服飾業			47.5	8.1	59.8	11.5	71.3
紙漿、紙及紙製品業			286.4	182.2	1,343.7	252.6	1,596.3
基本化學材料製造業			4,071.4	2,393.4	18,914.8	2,051.0	20,965.8
人造纖維製造業			768.3	149.2	1,145.1	161.9	1,307.0
塑膠製品製造業			182.3	120.6	918.0	138.4	1,056.4
水泥及水泥製品業			57.4	13.5	101.8	16.6	118.5
鋼鐵基本工業			786.1	561.5	4,443.4	475.5	4,918.9
機械設備製造業			-	-	-	-	-
電腦通信及 視聽電子產品製造業			114.0	44.8	347.4	44.9	392.3
用水供應及汙染整治業			632.6	364.4	2,527.3	664.9	3,192.3
批發及零售業			-	-	-	-	-
運輸服務業			-	-	-	-	-
通信業			-	-	-	-	-
社會服務及個人服務業			-	-	-	-	-
公共行政業			-	-	-	-	-
農牧及林業			1.18	0.58	4.98	0.10	5.07
合		計	7,643.6	4,254.8	32,997.1	4,274.8	37,271.8

35. Autoproducer Electricity Generated

2017

銷售電量 (百萬度) Sales (GWh)	自用電量 (百萬度) Own Use (GWh)	外購電量 (百萬度) Electricity Purchased (GWh)	總用電量 (百萬度) Total Consumption (GWh)	自用電量占 總用電量比例 (%) $\frac{\text{Own Use}}{\text{Total Consumption}}$	Item
0.0	646.6	1,547.8	2,194.4	29.47	Petroleum Refineries
486.4	1,995.8	104.2	2,100.0	95.04	Cogeneration
0.0	0.0	8.3	8.3	0.00	Gas Companies
2.4	59.6	59.7	119.3	49.93	Food, Beverage and Tobacco
0.0	59.8	90.6	150.4	39.76	Textile, Wearing Apparel and Accessories
97.5	1,246.2	732.6	1,978.8	62.98	Pulp, Paper and Paper Products
2,782.9	16,131.9	1,216.2	17,348.1	92.99	Chemical Materials
241.6	903.5	1,309.2	2,212.6	40.83	Artificial Fibers
222.5	695.5	284.1	979.6	71.00	Resin, Plastics and Rubber
0.0	101.8	461.5	563.4	18.08	Cement and Cement Products
112.0	4,331.4	2,726.6	7,058.0	61.37	Iron and Steel
-	-	-	-	-	Machinery and Equipments
191.5	156.0	6.6	162.5	95.96	Electrical and Electronic Machinery
2,500.5	26.8	45.2	71.9	37.21	Water Supply and Remediation Activities
-	-	-	-	-	Wholesale and Retail
-	-	-	-	-	Transport Services
-	-	-	-	-	Communication
-	-	-	-	-	Social and Personal Services
-	-	-	-	-	Public Administration
2.40	2.57	1.05	3.62	71.09	Agriculture, Animal Husbandry and Forestry
6,639.8	26,357.2	8,593.6	34,950.9	75.41	Total

35.自用發電設備發電概況表

民國107年

行	業	別	發電裝置容量 (千瓩) Installed Capacity (MW)	平均負載 (千瓩) Average Load (MW)	淨發電量 (百萬度) Net Power Generation (GWh)	廠用電量 (百萬度) Station Use (GWh)	毛發電量 (百萬度) Gross Power Generation (GWh)
煉油廠			264.5	94.2	718.5	106.6	825.1
汽電共生廠			416.5	327.4	2,525.6	342.5	2,868.1
氣體燃料供應業			3.0	0.0	0.0	0.0	0.0
食品飲料及菸草業			53.9	6.7	49.9	8.7	58.5
紡織成衣及服飾業			58.0	19.3	140.3	29.1	169.4
紙漿、紙及紙製品業			318.4	197.1	1,438.3	288.6	1,726.8
基本化學材料製造業			4,058.6	2,526.0	20,052.9	2,074.8	22,127.6
人造纖維製造業			773.1	279.9	2,185.3	266.6	2,451.8
塑膠製品製造業			182.3	104.2	792.9	119.8	912.7
水泥及水泥製品業			91.1	20.9	157.9	25.2	183.1
鋼鐵基本工業			865.5	634.3	5,008.4	548.2	5,556.5
機械設備製造業			-	-	-	-	-
電腦通信及 視聽電子產品製造業			120.2	78.3	609.6	76.1	685.7
用水供應及汙染整治業			648.4	386.0	2,702.4	679.3	3,381.7
批發及零售業			1.50	-	-	-	-
運輸服務業			8.04	0.01	0.04	-	0.04
通信業			0.80	0.00	0.00	0.00	0.00
社會服務及個人服務業			1.60	0.00	0.01	-	0.01
公共行政業			2.10	0.00	0.00	0.00	0.01
農牧及林業			1.79	0.75	6.47	0.08	6.55
合		計	7,869.4	4,675.1	36,388.4	4,565.3	40,953.7

35. Autoproducer Electricity Generated

2018

銷售電量 (百萬度) Sales (GWh)	自用電量 (百萬度) Own Use (GWh)	外購電量 (百萬度) Electricity Purchased (GWh)	總用電量 (百萬度) Total Consumption (GWh)	自用電量占 總用電量比例 (%) $\frac{\text{Own Use}}{\text{Total Consumption}}$	Item
0.0	718.5	1,685.1	2,403.6	29.89	Petroleum Refineries
426.3	2,099.3	87.8	2,187.1	95.99	Cogeneration
0.0	0.0	113.5	113.5	0.01	Gas Companies
1.5	48.4	133.3	181.7	26.63	Food, Beverage and Tobacco
0.0	140.3	118.7	259.0	54.18	Textile, Wearing Apparel and Accessories
84.7	1,353.6	692.4	2,046.0	66.16	Pulp, Paper and Paper Products
3,567.5	16,485.3	1,149.2	17,634.5	93.48	Chemical Materials
201.4	1,983.9	1,444.3	3,428.1	57.87	Artificial Fibers
208.7	584.2	378.7	962.9	60.67	Resin, Plastics and Rubber
0.0	157.9	773.5	931.4	16.95	Cement and Cement Products
66.5	4,941.9	2,836.2	7,778.1	63.54	Iron and Steel
-	-	16.02	16.02	-	Machinery and Equipments
102.9	506.7	43.5	550.2	92.10	Electrical and Electronic Machinery
2,671.1	31.2	28.8	60.0	52.03	Water Supply and Remediation Activities
-	-	-	-	-	Wholesale and Retail
-	0.04	2.70	2.75	1.60	Transport Services
-	0.00	-	0.00	100.00	Communication
-	0.01	-	0.01	100.00	Social and Personal Services
-	0.00	27.79	27.80	0.01	Public Administration
4.66	1.81	14.37	16.18	11.19	Agriculture, Animal Husbandry and Forestry
7,335.3	29,053.1	9,545.7	38,598.9	75.27	Total

35.自用發電設備發電概況表

民國108年

行	業	別	發電裝置容量 (千瓩) Installed Capacity (MW)	平均負載 (千瓩) Average Load (MW)	淨發電量 (百萬度) Net Power Generation (GWh)	廠用電量 (百萬度) Station Use (GWh)	毛發電量 (百萬度) Gross Power Generation (GWh)
煉油廠			254.5	92.2	691.7	116.2	807.9
汽電共生廠			416.5	307.9	2,375.8	321.3	2,697.1
氣體燃料供應業			3.0	0.0	0.0	0.0	0.0
食品飲料及菸草業			54.1	7.0	53.9	7.7	61.6
紡織成衣及服飾業			58.0	18.9	136.5	28.8	165.3
紙漿、紙及紙製品業			320.8	196.3	1,426.7	292.8	1,719.5
基本化學材料製造業			4,107.6	2,421.1	19,164.2	2,044.8	21,209.0
人造纖維製造業			807.1	304.7	2,383.3	285.9	2,669.1
塑膠製品製造業			182.3	99.2	750.9	117.9	868.8
水泥及水泥製品業			91.1	22.2	167.3	27.0	194.3
鋼鐵基本工業			865.5	607.4	4,784.3	536.2	5,320.4
機械設備製造業			-	-	-	-	-
電腦通信及 視聽電子產品製造業			120.2	83.1	643.0	85.0	728.0
用水供應及汙染整治業			644.3	396.4	2,787.5	685.4	3,472.9
批發及零售業			1.50	-	-	-	-
運輸服務業			8.04	0.01	0.04	0.00	0.04
通信業			0.80	0.00	0.00	0.00	0.00
社會服務及個人服務業			1.60	0.00	0.00	0.00	0.01
公共行政業			2.10	-	0.00	-	0.00
農牧及林業			1.84	0.56	4.77	0.11	4.88
合		計	7,941.0	4,556.9	35,369.9	4,548.8	39,918.7

35. Autoproducer Electricity Generated

2019

銷售電量 (百萬度) Sales (GWh)	自用電量 (百萬度) Own Use (GWh)	外購電量 (百萬度) Electricity Purchased (GWh)	總用電量 (百萬度) Total Consumption (GWh)	自用電量占 總用電量比例 (%) $\frac{\text{Own Use}}{\text{Total Consumption}}$	Item
0.0	691.7	1,691.3	2,382.9	29.03	Petroleum Refineries
275.5	2,100.3	145.2	2,245.5	93.53	Cogeneration
0.0	0.0	114.8	114.8	0.01	Gas Companies
1.0	52.9	107.8	160.7	32.90	Food, Beverage and Tobacco
0.0	136.5	60.1	196.6	69.42	Textile, Wearing Apparel and Accessories
85.8	1,340.9	604.7	1,945.6	68.92	Pulp, Paper and Paper Products
3,033.3	16,130.9	1,129.3	17,260.2	93.46	Chemical Materials
397.4	1,985.8	1,237.5	3,223.3	61.61	Artificial Fibers
184.3	566.6	329.6	896.3	63.22	Resin, Plastics and Rubber
0.0	167.3	737.8	905.1	18.49	Cement and Cement Products
90.5	4,693.8	2,524.2	7,218.0	65.03	Iron and Steel
-	-	-	-	-	Machinery and Equipments
94.2	548.8	16.3	565.1	97.12	Electrical and Electronic Machinery
2,754.3	33.1	24.1	57.3	57.89	Water Supply and Remediation Activities
-	-	-	-	-	Wholesale and Retail
-	0.04	-	0.04	100.00	Transport Services
-	0.00	-	0.00	100.00	Communication
-	0.00	-	0.00	100.00	Social and Personal Services
-	0.00	9.16	9.16	0.00	Public Administration
4.23	0.53	13.72	14.25	3.75	Agriculture, Animal Husbandry and Forestry
6,920.6	28,449.3	8,745.5	37,194.8	76.49	Total

35.自用發電設備發電概況表

民國109年

行	業	別	發電裝置容量 (千瓩) Installed Capacity (MW)	平均負載 (千瓩) Average Load (MW)	淨發電量 (百萬度) Net Power Generation (GWh)	廠用電量 (百萬度) Station Use (GWh)	毛發電量 (百萬度) Gross Power Generation (GWh)
煉油廠			254.5	83.5	620.9	112.4	733.3
汽電共生廠			416.5	316.7	2,474.8	307.3	2,782.1
氣體燃料供應業			3.0	0.0	0.0	0.0	0.0
食品飲料及菸草業			54.1	7.1	53.6	8.4	62.0
紡織成衣及服飾業			58.0	17.7	128.2	27.3	155.5
紙漿、紙及紙製品業			320.8	198.8	1,429.4	316.6	1,746.0
基本化學材料製造業			4,107.6	2,301.3	18,305.1	1,909.6	20,214.8
人造纖維製造業			807.1	339.5	2,646.6	336.0	2,982.6
塑膠製品製造業			182.3	102.4	777.2	122.2	899.4
水泥及水泥製品業			91.1	24.1	183.9	28.1	212.0
鋼鐵基本工業			865.5	561.8	4,433.9	501.1	4,935.0
機械設備製造業			-	-	-	-	-
電腦通信及 視聽電子產品製造業			119.2	87.3	681.4	85.3	766.7
用水供應及汙染整治業			644.3	386.7	2,716.1	680.8	3,396.9
批發及零售業			1.50	-	-	-	-
運輸服務業			8.04	0.01	0.04	-	0.04
通信業			0.80	0.00	0.00	0.00	0.01
社會服務及個人服務業			1.60	-	0.00	-	0.00
公共行政業			2.10	-	0.00	0.00	0.00
農牧及林業			7.60	4.05	35.47	0.09	35.56
合		計	7,945.7	4,431.0	34,486.6	4,435.4	38,921.9

35. Autoproducer Electricity Generated

2020

銷售電量 (百萬度) Sales (GWh)	自用電量 (百萬度) Own Use (GWh)	外購電量 (百萬度) Electricity Purchased (GWh)	總用電量 (百萬度) Total Consumption (GWh)	自用電量占 總用電量比例 (%) $\frac{\text{Own Use}}{\text{Total Consumption}}$	Item
0.0	620.9	1,790.8	2,411.7	25.75	Petroleum Refineries
407.3	2,067.6	92.9	2,160.4	95.70	Cogeneration
0.0	0.0	139.8	139.8	0.01	Gas Companies
1.2	52.4	145.7	198.1	26.46	Food, Beverage and Tobacco
0.0	128.2	39.6	167.8	76.38	Textile, Wearing Apparel and Accessories
94.5	1,334.9	605.3	1,940.2	68.80	Pulp, Paper and Paper Products
2,661.5	15,643.6	1,397.0	17,040.6	91.80	Chemical Materials
580.0	2,066.5	1,132.4	3,198.9	64.60	Artificial Fibers
184.5	592.7	322.2	914.9	64.78	Resin, Plastics and Rubber
0.0	183.9	737.4	921.3	19.96	Cement and Cement Products
87.6	4,346.3	2,225.7	6,572.1	66.13	Iron and Steel
-	-	-	-	-	Machinery and Equipments
100.9	580.5	15.0	595.5	97.48	Electrical and Electronic Machinery
2,686.7	29.4	35.8	65.2	45.17	Water Supply and Remediation Activities
-	-	-	-	-	Wholesale and Retail
-	0.04	37.30	37.35	0.11	Transport Services
-	0.00	-	0.00	100.00	Communication
-	0.00	-	0.00	100.00	Social and Personal Services
-	0.00	7.35	7.35	0.01	Public Administration
34.73	0.73	14.10	14.83	4.95	Agriculture, Animal Husbandry and Forestry
6,838.9	27,647.6	8,738.3	36,386.0	75.98	Total