

30.電力消費統計表

單位：百萬度

項 目	民 國	民 國	民 國	民 國	民 國	民 國	民 國	民 國
	93年 2004	94年 2005	95年 2006	96年 2007	97年 2008	98年 2009	99年 2010	100年 2011
總需要	218,396.6	227,427.0	235,530.1	243,116.6	238,305.4	230,037.2	247,058.9	252,167.0
能源部門自用	18,938.0	19,551.0	20,251.2	20,767.4	19,563.0	19,032.9	19,024.5	19,042.7
最終消費	190,951.2	198,906.5	205,715.6	212,715.3	210,122.9	201,682.1	218,382.7	223,043.6
工業部門	106,544.8	109,492.7	114,501.1	120,418.6	118,114.1	110,731.7	125,247.2	128,883.1
礦業及土石採取業 (不含煤、油及氣)	349.4	358.2	367.5	357.7	363.8	322.6	403.8	419.5
食品飲料及菸草業	3,446.7	3,511.1	3,465.2	3,481.6	3,399.4	3,418.9	3,589.3	3,650.8
紡織成衣及服飾業	8,033.8	7,293.7	7,066.5	6,859.1	6,209.1	5,551.1	6,080.7	5,873.7
皮革及毛皮業	310.3	295.1	281.7	275.0	268.6	259.9	254.5	242.0
木竹及家具業	468.9	466.2	467.3	465.7	445.3	393.3	423.4	414.9
紙漿、紙及紙製品業	3,733.8	3,627.5	3,679.7	3,658.2	3,399.8	3,196.7	3,337.5	3,424.5
印刷業	495.0	516.2	523.1	537.5	536.4	507.3	536.8	545.7
化學材料製造業	26,305.2	26,234.5	27,193.3	29,513.9	27,592.6	26,924.6	28,782.5	27,706.7
基本化學材料業	15,478.1	16,196.5	17,269.8	19,739.9	18,929.1	18,730.9	19,757.4	18,715.2
(基本化工業)	114.7	101.0	85.6	56.1	30.9	144.4	220.3	234.1
(石化原料業)	13,746.5	14,440.6	15,580.1	17,916.9	17,031.9	16,796.2	17,825.8	16,816.7
(肥料製造業)	-	-	-	-	-	-	-	-
人造纖維製造業	7,575.2	6,883.0	6,806.4	6,602.1	5,687.0	5,368.2	6,031.1	5,854.9
樹脂塑膠及橡膠製造	2,899.3	2,795.6	2,747.3	2,805.1	2,618.9	2,211.5	2,235.5	2,345.7
其他化學材料製造業	352.6	359.4	369.8	366.9	357.6	613.9	758.4	790.9
化學製品製造業	2,733.9	2,729.4	2,744.5	2,744.3	2,713.5	2,662.0	3,219.1	3,371.1
橡膠製品製造業	972.0	960.1	950.6	988.0	1,003.8	973.9	1,142.8	1,184.9
塑膠製品製造業	4,255.7	4,215.0	4,346.0	4,599.1	4,439.3	4,380.3	4,991.6	4,930.4
非金屬礦物製品製造業	4,523.8	4,909.9	5,216.4	5,240.6	5,048.0	4,531.3	5,092.1	5,696.3
水泥及水泥製品業	2,269.0	2,436.0	2,403.2	2,231.9	2,041.6	1,894.7	1,962.2	2,042.6
其他	2,254.9	2,473.9	2,813.2	3,008.7	3,006.4	2,636.7	3,129.9	3,653.7
金屬基本工業	14,367.8	14,132.7	14,915.3	15,343.1	14,676.0	12,593.8	15,989.0	16,723.8
鋼鐵基本工業	13,191.7	13,030.9	13,830.0	14,230.7	13,612.4	11,645.1	14,898.7	15,640.4
非鐵金屬基本工業 (鋁業)	1,176.2 617.9	1,101.9 585.9	1,085.2 579.6	1,112.4 576.7	1,063.6 562.7	948.7 490.8	1,090.3 582.3	1,083.4 587.3
金屬製品製造業	5,676.1	5,730.1	5,891.4	6,054.4	5,927.1	5,126.0	6,283.5	6,565.5
機械設備製造業	1,596.3	1,618.9	1,679.1	1,753.2	1,771.9	1,526.3	1,916.8	2,069.5
電腦通信及 視聽電子產品製造業	23,061.3	26,565.3	28,923.7	31,352.1	33,143.6	31,859.7	36,208.7	38,619.2
運輸工具製造業	2,082.9	2,160.0	2,156.2	2,264.7	2,224.1	1,992.8	2,269.8	2,325.9
其他製造業	4,131.8	4,168.7	4,633.7	4,930.5	4,951.9	4,511.3	4,725.2	5,118.7
運輸部門	518.5	563.8	593.1	873.3	1,140.5	1,148.4	1,194.1	1,243.6
農業部門	2,510.7	2,489.6	2,601.9	2,619.6	2,600.3	2,582.0	2,615.5	2,726.1
服務業部門	41,789.1	44,054.9	45,555.3	45,680.7	45,581.0	44,152.6	45,898.1	45,771.9
住宅部門	39,588.1	42,305.5	42,464.2	43,123.1	42,687.0	43,067.4	43,427.8	44,418.9
線路損失	8,937.1	9,036.1	9,538.7	9,590.1	8,584.2	9,413.3	9,663.4	10,148.6
統計差異	-429.7	-66.5	24.7	43.7	35.3	-91.1	-11.8	-67.9
(抽水用電)	4,089.4	4,598.6	4,686.9	4,449.1	3,940.0	4,018.1	3,604.6	3,501.3

註：抽水用電已包含於能源部門自用

30. Electricity Consumption

Unit : GWh

民國 101年 2012	民國 102年 2013	民國 103年 2014	民國 104年 2015	民國 105年 2016	民國 106年 2017	民國 107年 2018	民國 108年 2019	Item
250,373.4	252,340.8	259,963.9	258,141.9	264,107.7	270,256.4	275,548.9	274,058.7	Domestic Consumption
18,641.8	18,405.8	18,841.0	18,990.2	18,914.7	19,852.6	19,177.7	19,571.9	Energy Sector Own Use
222,469.8	226,717.6	232,259.4	231,029.1	236,505.3	241,542.0	247,389.9	246,013.2	Final Consumption
129,521.1	133,214.9	136,414.6	134,700.5	136,890.1	141,111.6	148,960.9	147,542.9	Industrial Sector
399.1	449.0	474.4	463.8	436.8	426.7	165.0	203.7	Mining and Quarrying (excluding coal, oil and gas)
3,723.3	3,808.3	3,883.6	3,994.6	4,135.2	4,177.4	4,016.4	4,242.9	Food, Beverage and Tobacco
5,618.0	5,563.1	5,496.4	5,384.1	5,136.5	4,923.7	6,164.5	5,788.0	Textile, Wearing Apparel and Accessories
232.4	230.0	218.5	213.3	203.7	198.1	185.9	170.2	Leather and Fur
405.7	416.2	410.1	391.0	382.3	380.5	394.4	392.3	Wood, Bamboo and Furniture
3,440.5	3,406.4	3,515.8	3,269.4	3,263.4	3,390.9	3,614.6	3,589.8	Pulp, Paper and Paper Products
554.2	560.4	560.7	561.4	575.9	558.6	561.9	555.1	Printing
28,008.0	28,710.5	28,321.3	27,267.5	27,046.6	27,576.2	32,200.7	31,364.0	Chemical Materials
19,247.9	19,815.7	19,693.1	19,551.4	19,691.6	19,956.5	23,713.7	23,297.7	Basic Chemical Materials
221.7	225.2	291.8	314.1	308.2	303.3	5,341.3	5,421.9	(Basic Industrial Chemicals)
17,352.2	17,949.2	17,786.8	17,591.5	17,641.8	17,879.6	18,217.1	17,718.9	(Petrochemical Materials)
-	-	-	-	-	-	155.3	156.9	(Chemical Fertilizers)
5,655.4	5,767.0	5,580.1	4,522.1	4,016.2	4,275.5	3,883.9	3,800.9	Artificial Fibers
2,273.6	2,266.1	2,170.6	2,266.9	2,376.4	2,372.1	3,427.0	3,187.0	Resin, Plastics and Rubber
831.2	861.8	877.4	927.1	962.4	972.1	1,176.2	1,078.4	Other Chemical Materials
3,307.7	3,121.0	3,078.9	3,119.1	3,381.3	3,715.7	1,282.9	1,309.5	Chemical Products
1,160.6	1,188.0	1,221.7	1,205.5	1,179.3	1,209.9	1,013.4	1,059.2	Rubber Products
4,952.1	5,048.4	5,116.5	5,020.2	5,069.9	5,111.9	5,376.5	5,362.8	Plastic Products
5,534.3	5,748.4	5,742.7	5,560.9	5,335.7	5,345.6	5,763.3	5,752.8	Non-metallic Mineral Products
1,955.7	2,083.4	2,023.2	1,911.8	1,754.3	1,674.8	1,762.0	1,808.4	Cement and Cement Products
3,578.6	3,665.0	3,719.5	3,649.1	3,581.4	3,670.8	4,001.3	3,944.4	Others
16,148.9	16,180.1	17,120.6	16,075.5	16,357.6	16,866.3	19,404.2	18,456.3	Basic Metal Industries
15,068.0	15,031.8	15,908.8	14,865.7	15,106.0	15,638.3	17,026.2	16,195.9	Iron and Steel
1,081.0	1,148.3	1,211.9	1,209.8	1,251.6	1,228.0	2,378.0	2,260.4	Others
588.9	607.6	651.1	641.4	650.9	644.0	841.6	818.8	(Aluminum)
6,561.0	6,754.0	7,066.0	7,038.3	7,180.4	7,511.3	6,925.9	6,627.9	Fabricated Metal Products
2,040.8	2,108.6	2,217.2	2,177.5	2,180.9	2,325.3	2,950.4	2,738.1	Machinery and Equipments
39,817.2	42,102.7	43,942.0	44,952.3	46,869.7	49,019.9	51,117.3	51,736.5	Electrical and Electronic Machinery
2,321.2	2,385.6	2,499.4	2,481.5	2,501.5	2,558.5	2,861.9	2,853.5	Transport Equipments
5,296.1	5,434.2	5,528.9	5,524.5	5,653.5	5,815.0	4,961.5	5,340.3	Others
1,269.2	1,313.9	1,361.3	1,391.7	1,402.2	1,463.8	1,468.7	1,492.9	Transportation Sector
2,707.9	2,751.2	2,832.9	2,917.1	2,922.7	3,037.0	2,960.8	3,045.3	Agricultural Sector
45,739.1	45,863.3	46,468.1	47,137.4	47,957.9	48,317.4	47,120.1	46,742.6	Service Sector
43,232.5	43,574.2	45,182.5	44,882.4	47,332.4	47,612.3	46,879.3	47,189.5	Residential Sector
9,360.3	7,250.9	8,959.8	8,146.8	8,684.6	8,827.3	9,200.4	8,984.0	Line Loss
-98.5	-33.5	-96.3	-24.1	3.0	34.5	-219.1	-510.4	Statistical Difference
3,231.1	3,578.1	3,669.8	3,725.5	3,791.6	4,178.1	4,155.3	3,985.2	(Pumping Energy)

Note: Energy sector own use includes electricity to pump up