

3.能源供需平衡表(原始單位)

民國93年

能源種類	單位	自產	進口	出口	國際海運	國際航空	存貨變動	初級能源	產品間	損耗及統計差異
		Indigenous	Imports	Exports	Intl.Marine Bunkers	Intl.Civil Aviation	Change in Stocks	總供給 TPES	轉換(轉出) Transfers (Input)	Loss and Statistical Difference
煤及煤產品	千公乘油當量	-	40,000.3	2.1	-	-	1,427.4	38,570.8	-	665.5
煙煤-煉焦煤	千公噸	-	5,078.4	-	-	-	-3.9	5,082.3	-	-28.1
煙煤-燃料煤	"	-	49,466.4	-	-	-	1,539.6	47,926.8	-	1,281.7
無煙煤	"	-	240.0	1.0	-	-	34.6	204.4	-	-11.2
亞煙煤	"	-	5,726.2	-	-	-	619.9	5,106.3	-	-334.3
焦炭	"	-	307.6	1.7	-	-	80.4	225.6	-	-39.9
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	0.1
高爐氣	"	-	-	-	-	-	-	-	-	6.9
轉爐氣	"	-	-	-	-	-	-	-	-	0.7
原油及石油產品	千公乘油當量	96.7	69,403.7	14,782.7	2,771.5	2,193.4	1,916.6	47,836.2	6,480.5	-1,488.9
原油	千公乘	44.6	58,445.7	-	-	-	949.4	57,540.8	-	-550.0
煉油廠進料	"	52.1	-	-	-	-	-	52.1	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公乘	-	1,575.9	661.9	-	-	86.1	827.9	40.2	-52.5
石油腦	"	-	9,071.8	8.7	-	-	229.3	8,833.8	4,751.8	-5.3
車用汽油	"	-	127.6	4,637.0	-	-	198.8	-4,708.2	30.9	-117.6
航空汽油	"	-	-	-	-	-	-	-	-	-
航空燃油 ¹	"	-	-	1,144.5	-	2,467.5	126.1	-3,738.1	36.5	-427.5
煤油	"	-	-	-	-	-	-18.7	18.7	41.8	219.6
柴油	"	-	-	6,976.6	227.0	-	328.4	-7,531.9	269.3	-361.0
燃料油	"	-	372.0	1,134.0	2,395.2	-	188.2	-3,345.3	1,644.0	-266.5
潤滑油	"	-	218.1	262.2	4.5	-	-154.5	105.9	28.8	-
柏油	"	-	30.8	783.4	-	-	14.3	-766.9	-	-
溶劑油	"	-	660.5	63.7	-	-	6.9	589.9	0.5	-
石油焦	千公噸	-	42.4	195.0	-	-	-136.5	-16.1	-	-
其他 ²	千公乘油當量	-	511.8	143.6	-	-	198.0	170.3	197.8	-
天然氣	千公噸	535.6	6,873.3	-	-	-	156.8	7,252.0	6,613.1	470.6
(自產)天然氣	百萬立方公尺	795.4	-	-	-	-	-56.6	851.9	-	-4.0
(進口)液化天然氣	"	-	9,072.7	-	-	-	257.3	8,815.4	8,729.3	624.7
生質能及廢棄物	千公乘油當量	1,599.5	-	-	-	-	-	1,599.5	-	-
核能	百萬度	-	39,490.1	-	-	-	-	39,490.1	-	-
水力	"	3,209.9	-	-	-	-	-	3,209.9	-	-
地熱	"	-	-	-	-	-	-	-	-	-
太陽光電	"	0.6	-	-	-	-	-	0.6	-	-
風力	"	25.3	-	-	-	-	-	25.3	-	-
電力	"	-	-	-	-	-	-	-	-	8,507.4
太陽熱能	千公乘油當量	92.7	-	-	-	-	-	92.7	-	-
熱能	千公噸	-	-	-	-	-	-	-	-	-

註：1.航空燃油包含汽油型及煤油型

2.其他包含添加劑/含氧化合物、天然汽油、白精油、石蠟、其他石油產品

3. Energy Balance Sheet (Original Unit)

2004

轉變投入 Transformation Input				轉變產出 Transformation Output Total	國內能源消費 Total Domestic Consumption										Unit	Energy Source
合計 Total	煉焦 及煤氣 Coke & Gas	石油煉製 Oil Refining	發電 Power Generat- ion		合計 Total	能源部門 自用 Energy Own Use	能源消費 Energy Use							非能源 Non- Energy Use		
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.				
36,591.7	8,582.3	-	28,009.4	5,979.9	7,293.5	941.3	6,095.9	6,095.9	-	-	-	-	-	256.3	10³ KLOE	Coal & Coal Products
5,110.4	5,110.4	-	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal
39,830.5	2,125.9	-	37,704.7	-	6,814.5	-	6,814.5	6,814.5	-	-	-	-	-	-	"	Bituminous Coal-Steam Coal
-	-	-	-	-	215.7	-	172.6	172.6	-	-	-	-	-	43.1	"	Anthracite
5,440.6	-	-	5,440.6	-	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous
3,842.5	3,842.5	-	-	4,449.5	872.4	-	586.6	586.6	-	-	-	-	-	285.8	"	Coke
297.9	-	-	297.9	2,186.8	1,888.7	511.4	1,377.4	1,377.4	-	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas
5,083.6	-	-	5,083.6	15,027.8	9,937.3	7,508.7	2,428.6	2,428.6	-	-	-	-	-	-	"	Blast Furnace Gas
478.3	-	-	478.3	969.3	490.4	262.0	228.4	228.4	-	-	-	-	-	-	"	Oxygen Steel Furnace Gas
62,844.0	-	58,473.9	4,370.1	63,970.2	43,970.8	2,873.1	23,579.6	6,393.4	13,420.0	1,064.8	1,267.1	1,434.3	17,518.0	10³ KLOE	Crude Oil & Petroleum Products	
58,090.8	-	58,090.8	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil
52.1	-	52.1	-	-	-	-	-	-	-	-	-	-	-	-	"	Refinery Feedstock
10.8	-	-	10.8	1,697.8	1,686.9	1,686.7	0.2	0.2	-	-	-	-	-	-	10 ⁶ m ³	Refinery Gas
-	-	-	-	2,637.3	3,477.5	298.1	3,179.4	1,017.4	39.9	0.0	176.7	1,945.5	-	-	10 ³ K.L.	L.P.G.
-	-	-	-	12,018.8	16,106.1	-	22.2	22.2	-	-	-	-	-	16,084.0	"	Naphthas
-	-	-	-	14,965.6	10,344.1	5.9	10,338.2	10.0	10,259.2	0.4	68.7	-	-	-	"	Motor Gasoline
-	-	-	-	0.0	0.0	-	0.0	-	0.0	-	-	-	-	-	"	Aviation Gasoline
-	-	-	-	3,813.3	466.0	-	466.0	0.8	269.6	-	195.6	-	-	-	"	Jet Fuel ¹
-	-	-	-	265.5	22.8	0.0	22.8	8.8	-	-	14.0	-	-	-	"	Kerosene
98.8	-	-	98.8	13,611.4	6,072.3	33.3	6,039.0	225.7	4,285.1	1,106.9	421.3	-	-	-	"	Diesel Oil
3,573.3	-	-	3,573.3	14,881.7	6,585.6	801.6	5,784.0	5,044.6	244.0	29.4	466.1	-	-	-	"	Fuel Oil
-	-	-	-	349.8	426.9	-	-	-	-	-	-	-	-	426.9	"	Lubricants
-	-	-	-	1,274.4	507.6	-	-	-	-	-	-	-	-	507.6	"	Asphalts
-	-	-	-	145.3	734.6	-	-	-	-	-	-	-	-	734.6	"	Solvents
484.5	-	-	484.5	636.4	135.9	47.6	0.5	0.5	-	-	-	-	-	87.8	10 ³ tonne	Petroleum Coke
345.0	-	330.9	14.1	2,220.9	1,848.3	31.9	14.6	14.6	-	-	-	-	-	1,801.8	10 ³ KLOE	Other ²
5,266.3	-	7.9	5,258.4	6,998.7	1,900.7	371.1	1,529.6	694.1	-	-	218.2	617.4	-	-	10³ tonne	Natural Gas
110.8	-	-	110.8	657.3	1,402.5	13.6	1,388.9	360.2	-	-	227.3	801.4	-	-	10 ⁶ m ³	(Indigenous) Natural Gas
6,853.1	-	10.5	6,842.7	8,654.0	1,262.3	477.7	784.6	596.0	-	-	86.0	102.6	-	-	"	(Imported) L.N.G.
1,137.2	-	-	1,137.2	-	462.2	-	462.2	462.2	-	-	-	-	-	-	10³ KLOE	Biomass and Waste
39,490.1	-	-	39,490.1	-	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear
6,555.6	-	-	6,555.6	3,345.7	-	-	-	-	-	-	-	-	-	-	"	Hydro
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Geothermal
0.6	-	-	0.6	-	-	-	-	-	-	-	-	-	-	-	"	Solar PV
25.3	-	-	25.3	-	-	-	-	-	-	-	-	-	-	-	"	Wind
-	-	-	-	218,396.6	209,889.2	18,938.0	190,951.3	106,544.8	518.5	2,510.7	41,789.1	39,588.1	-	-	"	Electricity
-	-	-	-	-	92.7	-	92.7	-	-	-	2.8	89.9	-	-	10³ KLOE	Solar Thermal
-	-	-	-	13,995.4	13,995.4	4,076.7	9,918.7	9,918.7	-	-	-	-	-	-	10³ tonne	Heat

Note: 1. Jet fuel includes gasoline type and kerosene type.

2. Other includes Additives/Oxygenates, Natural Gasoline, White Spirits, Paraffin Waxes, Other Petroleum Products.

3.能源供需平衡表(原始單位)

民國94年

能源種類	單位	自產	進口	出口	國際海運	國際航空	存貨變動	初級能源	產品間	損耗及統計差異
		Indigenous	Imports	Exports	Intl.Marine Bunkers	Intl.Civil Aviation	Change in Stocks	總供給 TPES	轉換(轉出) Transfers (Input)	Loss and Statistical Difference
煤及煤產品	千公乘油當量	-	39,750.1	34.0	-	-	438.0	39,278.2	-	80.4
煙煤-煉焦煤	千公噸	-	4,993.3	-	-	-	49.2	4,944.1	-	-
煙煤-燃料煤	"	-	49,473.5	-	-	-	513.9	48,959.6	-	103.5
無煙煤	"	-	171.3	0.9	-	-	-8.7	179.0	-	-44.2
亞煙煤	"	-	5,707.0	-	-	-	-18.0	5,725.0	-	2.6
焦炭	"	-	201.6	42.8	-	-	103.0	55.9	-	-37.8
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	0.6
高爐氣	"	-	-	-	-	-	-	-	-	15.5
轉爐氣	"	-	-	-	-	-	-	-	-	1.3
原油及石油產品	千公乘油當量	64.8	70,741.4	17,181.9	2,720.2	2,271.7	629.0	48,003.4	7,399.7	-1,886.9
原油	千公乘	32.4	60,639.9	-	-	-	435.7	60,236.6	-	-242.3
煉油廠進料	"	32.4	-	-	-	-	-	32.4	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公乘	-	1,638.1	658.3	-	-	7.7	972.2	32.3	-57.6
石油腦	"	-	8,083.2	-	-	-	-71.7	8,154.9	5,882.7	1.0
車用汽油	"	-	50.5	4,811.4	-	-	-91.6	-4,669.3	2.4	-190.7
航空汽油	"	-	-	-	-	-	-	-	-	-
航空燃油 ¹	"	-	-	2,071.3	-	2,555.6	183.4	-4,810.3	19.5	-140.8
煤油	"	-	-	-	-	-	-19.7	19.7	15.0	-14.6
柴油	"	-	-	8,927.0	229.1	-	195.5	-9,351.7	48.4	-286.1
燃料油	"	-	136.9	486.9	2,344.9	-	230.7	-2,925.6	1,819.1	-967.4
潤滑油	"	-	398.6	362.8	4.8	-	-215.6	246.6	39.6	-
柏油	"	-	11.9	912.4	-	-	49.9	-950.4	-	-
溶劑油	"	-	821.5	51.8	-	-	-12.7	782.4	1.7	-
石油焦	千公噸	-	37.8	243.6	-	-	70.6	-276.3	-	-
其他 ²	千公乘油當量	-	468.1	163.9	-	-	-121.8	426.1	214.4	-
天然氣	千公噸	368.7	7,100.8	-	-	-	-18.9	7,488.4	7,837.5	-110.2
(自產)天然氣	百萬立方公尺	547.5	-	-	-	-	62.5	485.0	-	-5.7
(進口)液化天然氣	"	-	9,373.0	-	-	-	-80.6	9,453.6	10,345.5	-140.3
生質能及廢棄物	千公乘油當量	1,595.0	-	-	-	-	-	1,595.0	-	-
核能	百萬度	-	39,972.0	-	-	-	-	39,972.0	-	-
水力	"	3,986.2	-	-	-	-	-	3,986.2	-	-
地熱	"	-	-	-	-	-	-	-	-	-
太陽光電	"	1.0	-	-	-	-	-	1.0	-	-
風力	"	91.3	-	-	-	-	-	91.3	-	-
電力	"	-	-	-	-	-	-	-	-	8,969.5
太陽熱能	千公乘油當量	97.5	-	-	-	-	-	97.5	-	-
熱能	千公噸	-	-	-	-	-	-	-	-	0.0

註：1.航空燃油包含汽油型及煤油型

2.其他包含添加劑/含氧化合物、天然汽油、白精油、石蠟、其他石油產品

3. Energy Balance Sheet (Original Unit)

2005

轉變投入 Transformation Input				轉變產出 Transformation Output Total	國內能源消費 Total Domestic Consumption										Unit	Energy Source	
合計 Total	煉焦 及煤氣 Coke & Gas	石油煉製 Oil Refining	發電 Power Generat- ion		合計 Total	能源部門 自用 Energy Own Use	能源消費 Energy Use							非能源 Non- Energy Use			
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.					
37,792.7	8,313.5	-	29,479.2	5,820.0	7,225.1	889.9	6,112.3	6,112.3	-	-	-	-	-	222.9	10³ KLOE	Coal & Coal Products	
4,944.1	4,944.1	-	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal	
41,856.9	1,987.2	-	39,869.7	-	6,999.1	-	6,999.1	6,999.1	-	-	-	-	-	-	"	Bituminous Coal-Steam Coal	
-	-	-	-	-	223.2	-	91.2	91.2	-	-	-	-	-	-	132.0	"	Anthracite
5,722.4	-	-	5,722.4	-	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous	
3,798.7	3,798.7	-	-	4,406.9	701.9	-	549.2	549.2	-	-	-	-	-	-	152.7	"	Coke
343.1	-	-	343.1	2,125.8	1,782.2	429.7	1,352.5	1,352.5	-	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas	
4,426.1	-	-	4,426.1	14,037.2	9,595.6	7,328.7	2,266.9	2,266.9	-	-	-	-	-	-	"	Blast Furnace Gas	
354.0	-	-	354.0	907.6	552.3	273.1	279.2	279.2	-	-	-	-	-	-	"	Oxygen Steel Furnace Gas	
65,024.9	-	60,728.3	4,296.5	66,980.6	44,446.4	3,458.8	23,647.1	6,200.2	13,787.7	939.6	1,270.8	1,448.8	17,340.5	10³ KLOE	Crude Oil & Petroleum Products		
60,479.0	-	60,479.0	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
32.4	-	32.4	-	-	-	-	-	-	-	-	-	-	-	-	"	Refinery Feedstock	
4.0	-	-	4.0	1,690.7	1,686.6	1,686.2	0.4	0.4	-	-	-	-	-	-	10 ⁶ m ³	Refinery Gas	
-	-	-	-	2,935.3	3,932.7	543.3	3,232.3	1,033.0	58.1	0.0	175.9	1,965.3	157.1	10 ³ K.L.	L.P.G.		
-	-	-	-	13,209.4	15,480.5	-	-	-	-	-	-	-	-	15,480.5	"	Naphthas	
-	-	-	-	15,059.5	10,578.5	5.6	10,572.9	10.8	10,501.8	0.3	60.0	-	-	-	"	Motor Gasoline	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Aviation Gasoline	
-	-	-	-	5,171.4	482.4	0.2	482.2	1.0	247.4	-	233.8	-	-	-	"	Jet Fuel ¹	
-	-	-	-	-	19.2	0.0	19.2	7.9	-	-	11.3	-	-	-	"	Kerosene	
165.4	-	-	165.4	15,417.1	6,137.8	37.1	6,100.7	228.9	4,450.1	977.8	443.9	-	-	-	"	Diesel Oil	
3,390.2	-	-	3,390.2	13,567.3	6,399.6	825.8	5,573.8	4,868.0	253.1	25.0	427.7	-	-	-	"	Fuel Oil	
-	-	-	-	303.6	510.6	-	-	-	-	-	-	-	-	510.6	"	Lubricants	
-	-	-	-	1,375.0	424.6	-	-	-	-	-	-	-	-	424.6	"	Asphalts	
-	-	-	-	114.8	895.4	-	-	-	-	-	-	-	-	895.4	"	Solvents	
568.2	-	-	568.2	1,376.7	532.1	482.4	0.4	0.4	-	-	-	-	-	49.3	10 ³ tonne	Petroleum Coke	
221.4	-	217.0	4.4	1,957.2	1,947.5	11.9	14.3	14.3	-	-	-	-	-	1,921.2	10 ³ KLOE	Other ²	
5,708.6	-	7.0	5,701.6	7,826.7	1,879.1	293.2	1,585.9	690.2	-	-	254.2	641.6	-	10³ tonne	Natural Gas		
5.7	-	-	5.7	942.8	1,427.8	3.7	1,424.1	366.6	-	-	237.8	819.8	-	10 ⁶ m ³	(Indigenous) Natural Gas		
7,530.4	-	9.3	7,521.1	9,493.2	1,211.2	383.7	827.5	585.2	-	-	124.1	118.2	-	"	(Imported) L.N.G.		
1,120.1	-	-	1,120.1	-	474.9	-	474.9	474.9	-	-	-	-	-	10³ KLOE	Biomass and Waste		
39,972.0	-	-	39,972.0	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear		
7,824.7	-	-	7,824.7	3,838.5	-	-	-	-	-	-	-	-	-	"	Hydro		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Geothermal		
1.0	-	-	1.0	-	-	-	-	-	-	-	-	-	-	"	Solar PV		
91.3	-	-	91.3	-	-	-	-	-	-	-	-	-	-	"	Wind		
-	-	-	-	227,427.0	218,457.5	19,551.0	198,906.5	109,492.7	563.8	2,489.6	44,054.9	42,305.5	-	"	Electricity		
-	-	-	-	-	97.5	-	97.5	-	-	-	2.9	94.6	-	10³ KLOE	Solar Thermal		
-	-	-	-	14,872.0	14,872.0	4,041.8	10,830.2	10,830.2	-	-	-	-	-	10³ tonne	Heat		

Note: 1. Jet fuel includes gasoline type and kerosene type.

2. Other includes Additives/Oxygenates, Natural Gasoline, White Spirits, Paraffin Waxes, Other Petroleum Products.

3.能源供需平衡表(原始單位)

民國95年

能源種類	單位	自產	進口	出口	國際海運	國際航空	存貨變動	初級能源	產品間	損耗及統計差異
		Indigenous	Imports	Exports	Intl.Marine Bunkers	Intl.Civil Aviation	Change in Stocks	總供給 TPES	轉換(轉出) Transfers (Input)	Loss and Statistical Difference
煤及煤產品	千公乘油當量	-	41,217.0	16.0	-	-	-29.1	41,230.0	-	190.7
煙煤-煉焦煤	千公噸	-	4,871.9	-	-	-	62.3	4,809.5	-	-
煙煤-燃料煤	"	-	51,966.2	-	-	-	436.2	51,530.1	-	-235.3
無煙煤	"	-	120.6	0.7	-	-	-29.9	149.8	-	-4.9
亞煙煤	"	-	5,472.4	-	-	-	-350.4	5,822.8	-	393.6
焦炭	"	-	338.4	19.9	-	-	-161.5	480.0	-	63.2
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	0.3
高爐氣	"	-	-	-	-	-	-	-	-	20.9
轉爐氣	"	-	-	-	-	-	-	-	-	2.0
原油及石油產品	千公乘油當量	62.7	71,222.7	16,442.7	2,682.5	2,364.9	1,387.9	48,407.4	6,505.9	-358.7
原油	千公乘	23.6	57,999.1	-	-	-	325.7	57,697.0	-	-351.6
煉油廠進料	"	39.1	-	-	-	-	-	39.1	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公乘	-	1,918.7	563.0	-	-	51.4	1,304.3	37.9	10.8
石油腦	"	-	8,524.8	-	-	-	105.1	8,419.7	4,773.9	-
車用汽油	"	-	25.4	4,592.3	-	-	160.2	-4,727.1	7.8	-133.0
航空汽油	"	-	-	-	-	-	-0.0	0.0	-	-
航空燃油 ¹	"	-	-	2,271.9	-	2,660.5	208.5	-5,140.9	13.7	-11.1
煤油	"	-	-	-	-	-	1.0	-1.0	-	-17.1
柴油	"	-	82.6	8,892.7	219.4	-	227.6	-9,257.1	74.0	57.0
燃料油	"	-	2,524.7	345.5	2,319.3	-	525.4	-665.4	1,886.5	68.6
潤滑油	"	-	323.8	289.5	3.6	-	-188.6	219.3	36.6	-
柏油	"	-	8.8	615.4	-	-	17.6	-624.2	0.0	-
溶劑油	"	-	877.6	44.6	-	-	0.1	832.9	2.3	-
石油焦	千公噸	-	41.4	215.0	-	-	50.1	-223.7	-	-
其他 ²	千公乘油當量	-	426.7	130.1	-	-	-28.6	325.2	199.0	-
天然氣	千公噸	311.8	7,700.3	-	-	-	145.1	7,866.9	8,298.8	11.2
(自產)天然氣	百萬立方公尺	463.0	-	-	-	-	78.9	384.1	-	-0.8
(進口)液化天然氣	"	-	10,164.4	-	-	-	121.5	10,043.0	10,954.4	15.4
生質能及廢棄物	千公乘油當量	1,628.1	-	-	-	-	0.3	1,627.9	0.4	0.0
核能	百萬度	-	39,870.5	-	-	-	-	39,870.5	-	-
水力	"	4,088.4	-	-	-	-	-	4,088.4	-	-
地熱	"	-	-	-	-	-	-	-	-	-
太陽光電	"	1.5	-	-	-	-	-	1.5	-	-
風力	"	276.1	-	-	-	-	-	276.1	-	-
電力	"	-	-	-	-	-	-	-	-	9,563.4
太陽熱能	千公乘油當量	102.4	-	-	-	-	-	102.4	-	-
熱能	千公噸	-	-	-	-	-	-	-	-	0.0

註：1.航空燃油包含汽油型及煤油型

2.其他包含添加劑/含氧化合物、天然汽油、白精油、石蠟、其他石油產品

3. Energy Balance Sheet (Original Unit)

2006

轉變投入 Transformation Input				轉變產出 Transformation Output Total	國內能源消費 Total Domestic Consumption										Unit	Energy Source
合計 Total	煉焦 及煤氣 Coke & Gas	石油煉製 Oil Refining	發電 Power Generat- ion		合計 Total	能源部門 自用 Energy Own Use	能源消費 Energy Use							非能源 Non- Energy Use		
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.				
39,241.3	8,448.3	-	30,793.0	5,813.0	7,611.0	934.9	6,429.3	6,429.3	-	-	-	-	-	246.9	10³ KLOE	Coal & Coal Products
4,809.5	4,809.5	-	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal
44,443.5	2,256.8	-	42,186.7	-	7,321.8	-	7,321.8	7,321.8	-	-	-	-	-	-	"	Bituminous Coal-Steam Coal
-	-	-	-	-	154.7	-	95.7	95.7	-	-	-	-	-	59.0	"	Anthracite
5,429.2	-	-	5,429.2	-	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous
3,843.7	3,843.7	-	-	4,297.4	870.5	-	612.9	612.9	-	-	-	-	-	257.6	"	Coke
238.6	-	-	238.6	2,058.6	1,819.7	443.8	1,375.9	1,375.9	-	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas
4,639.0	-	-	4,639.0	15,141.6	10,481.7	7,756.6	2,725.1	2,725.1	-	-	-	-	-	-	"	Blast Furnace Gas
436.9	-	-	436.9	976.0	537.1	280.1	257.0	257.0	-	-	-	-	-	-	"	Oxygen Steel Furnace Gas
63,243.7	-	58,282.1	4,961.6	65,132.7	44,149.3	3,363.5	23,179.6	6,177.1	13,749.3	588.9	1,268.3	1,396.0	17,606.2	10³ KLOE	Crude Oil & Petroleum Products	
58,048.6	-	58,048.6	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil
39.1	-	39.1	-	-	-	-	-	-	-	-	-	-	-	-	"	Refinery Feedstock
19.9	-	-	19.9	1,627.7	1,607.8	1,607.4	0.4	0.4	-	-	-	-	-	-	10 ⁶ m ³	Refinery Gas
-	-	-	-	2,864.5	4,120.1	587.4	3,183.9	1,072.7	84.4	0.0	133.2	1,893.6	348.8	10 ³ K.L.	L.P.G.	
-	-	-	-	12,141.1	15,786.9	-	-	-	-	-	-	-	15,786.9	"	Naphthas	
-	-	-	-	14,911.3	10,309.4	5.1	10,304.2	8.8	10,240.1	0.3	55.0	-	-	"	Motor Gasoline	
-	-	-	-	-	0.0	-	0.0	-	0.0	-	-	-	-	"	Aviation Gasoline	
-	-	-	-	5,579.2	435.7	0.0	435.7	1.3	215.7	-	218.7	-	-	"	Jet Fuel ¹	
-	-	-	-	-	16.1	0.0	16.1	7.0	-	-	9.1	-	-	"	Kerosene	
282.2	-	-	282.2	15,596.2	5,925.9	33.6	5,892.3	204.8	4,673.3	607.7	406.5	-	-	"	Diesel Oil	
3,917.2	-	-	3,917.2	12,918.4	6,380.7	768.4	5,612.3	4,843.3	242.7	20.0	506.3	-	-	"	Fuel Oil	
-	-	-	-	287.0	469.7	-	-	-	-	-	-	-	469.7	"	Lubricants	
-	-	-	-	1,038.5	414.2	-	-	-	-	-	-	-	414.2	"	Asphalts	
-	-	-	-	115.4	946.0	-	-	-	-	-	-	-	946.0	"	Solvents	
545.8	-	-	545.8	1,343.2	573.7	507.7	-	-	-	-	-	-	66.0	10 ³ tonne	Petroleum Coke	
197.2	-	194.4	2.8	1,862.8	1,791.8	5.0	13.4	13.4	-	-	-	-	1,773.3	10 ³ KLOE	Other ²	
5,900.5	-	25.4	5,875.1	8,214.0	1,870.5	274.4	1,596.2	718.8	-	-	263.3	614.1	-	10³ tonne	Natural Gas	
1.8	-	-	1.8	973.0	1,356.0	2.8	1,353.2	344.4	-	-	232.0	776.8	-	10 ⁶ m ³	(Indigenous) Natural Gas	
7,787.0	-	33.5	7,753.5	9,977.6	1,263.8	359.6	904.1	642.6	-	-	141.3	120.2	-	"	(Imported) L.N.G.	
1,135.9	-	-	1,135.9	-	491.5	0.3	491.2	491.2	-	-	-	-	-	10³ KLOE	Biomass and Waste	
39,870.5	-	-	39,870.5	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear	
7,999.0	-	-	7,999.0	3,910.7	-	-	-	-	-	-	-	-	-	"	Hydro	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Geothermal	
1.5	-	-	1.5	-	-	-	-	-	-	-	-	-	-	"	Solar PV	
276.1	-	-	276.1	-	-	-	-	-	-	-	-	-	-	"	Wind	
-	-	-	-	235,530.1	225,966.8	20,251.2	205,715.6	114,501.1	593.1	2,601.9	45,555.3	42,464.2	-	"	Electricity	
-	-	-	-	-	102.4	-	102.4	-	-	-	3.1	99.3	-	10³ KLOE	Solar Thermal	
-	-	-	-	17,396.4	17,396.4	4,624.8	12,771.5	12,771.5	-	-	-	-	-	10³ tonne	Heat	

Note: 1. Jet fuel includes gasoline type and kerosene type.

2. Other includes Additives/Oxygenates, Natural Gasoline, White Spirits, Paraffin Waxes, Other Petroleum Products.

3.能源供需平衡表(原始單位)

民國96年

能源種類	單位	自產	進口	出口	國際海運	國際航空	存貨變動	初級能源	產品間	損耗及統計差異
		Indigenous	Imports	Exports	Intl.Marine Bunkers	Intl.Civil Aviation	Change in Stocks	總供給 TPES	轉換(轉出) Transfers (Input)	Loss and Statistical Difference
煤及煤產品	千公乘油當量	-	43,311.5	9.0	-	-	120.3	43,182.2	-	465.9
煙煤-煉焦煤	千公噸	-	4,495.4	-	-	-	-117.2	4,612.6	-	-95.6
煙煤-燃料煤	"	-	54,052.3	-	-	-	-4.4	54,056.7	-	791.7
無煙煤	"	-	398.8	0.7	-	-	5.1	393.0	-	-5.1
亞煙煤	"	-	6,459.6	-	-	-	272.2	6,187.5	-	-282.5
焦炭	"	-	556.5	10.8	-	-	62.3	483.5	-	119.4
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
高爐氣	"	-	-	-	-	-	-	-	-	10.5
轉爐氣	"	-	-	-	-	-	-	-	-	1.0
原油及石油產品	千公乘油當量	66.9	75,399.6	19,487.6	2,401.0	2,336.4	327.7	50,913.7	7,784.5	-848.3
原油	千公乘	17.8	57,473.3	-	-	-	594.0	56,897.1	-	-679.8
煉油廠進料	"	49.1	-	-	-	-	-	49.1	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公乘	-	1,967.7	549.7	-	-	2.2	1,415.8	139.9	12.7
石油腦	"	-	13,260.6	-	-	-	221.7	13,038.9	5,054.6	-
車用汽油	"	-	-	6,366.2	-	-	-43.2	-6,323.1	17.8	-60.2
航空汽油	"	-	-	-	-	-	-	-	-	-
航空燃油 ¹	"	-	-	2,432.2	-	2,628.5	-47.5	-5,013.2	12.5	-73.7
煤油	"	-	-	-	-	-	1.3	-1.3	-	-16.1
柴油	"	-	-	10,306.4	214.5	-	-176.0	-10,344.9	284.3	96.8
燃料油	"	-	2,648.8	332.6	2,058.4	-	178.5	79.3	2,532.9	-126.9
潤滑油	"	-	310.0	362.6	4.9	-	-169.6	112.1	24.6	-
柏油	"	-	7.5	626.3	-	-	-3.5	-615.3	-	-
溶劑油	"	-	1,331.0	44.7	-	-	-8.1	1,294.4	6.3	-
石油焦	千公噸	-	33.7	219.7	-	-	35.5	-221.5	-	-
其他 ²	千公乘油當量	-	560.6	104.8	-	-	-247.8	703.6	275.1	-
天然氣	千公噸	280.7	8,220.0	-	-	-	-19.8	8,520.5	9,015.6	-10.6
(自產)天然氣	百萬立方公尺	416.8	-	-	-	-	101.0	315.8	-	-1.2
(進口)液化天然氣	"	-	10,850.4	-	-	-	-115.9	10,966.3	11,900.5	-12.9
生質能及廢棄物	千公乘油當量	1,688.9	0.1	-	-	-	0.0	1,688.9	0.7	-
核能	百萬度	-	40,539.2	-	-	-	-	40,539.2	-	-
水力	"	4,417.6	-	-	-	-	-	4,417.6	-	-
地熱	"	-	-	-	-	-	-	-	-	-
太陽光電	"	2.2	-	-	-	-	-	2.2	-	-
風力	"	439.5	-	-	-	-	-	439.5	-	-
電力	"	-	-	-	-	-	-	-	-	9,633.9
太陽熱能	千公乘油當量	105.5	-	-	-	-	-	105.5	-	-
熱能	千公噸	-	-	-	-	-	-	-	-	0.0

註：1.航空燃油包含汽油型及煤油型

2.其他包含添加劑/含氧化合物、天然汽油、白精油、石蠟、其他石油產品

3. Energy Balance Sheet (Original Unit)

2007

轉變投入 Transformation Input				轉變產出 Transformation Output Total	國內能源消費 Total Domestic Consumption										Unit	Energy Source
合計 Total	煉焦 及煤氣 Coke & Gas	石油煉製 Oil Refining	發電 Power Generat- ion		合計 Total	能源部門 自用 Energy Own Use	能源消費 Energy Use							非能源 Non- Energy Use		
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.				
40,780.9	8,425.4	-	32,355.6	5,781.0	7,716.4	920.8	6,399.0	6,399.0	-	-	-	-	-	396.6	10³ KLOE	Coal & Coal Products
4,708.2	4,708.2	-	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal
45,997.9	2,375.0	-	43,622.9	-	7,267.0	-	7,267.0	7,267.0	-	-	-	-	-	-	"	Bituminous Coal-Steam Coal
-	-	-	-	-	398.0	-	110.7	110.7	-	-	-	-	-	287.4	"	Anthracite
6,470.0	-	-	6,470.0	-	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous
3,800.4	3,800.4	-	-	4,241.4	805.1	-	586.6	586.6	-	-	-	-	-	218.5	"	Coke
226.8	-	-	226.8	2,020.3	1,793.5	359.7	1,433.7	1,433.7	-	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas
4,733.4	-	-	4,733.4	15,349.2	10,605.3	8,011.5	2,593.8	2,593.8	-	-	-	-	-	-	"	Blast Furnace Gas
479.4	-	-	479.4	1,031.6	551.1	294.8	256.3	256.3	-	-	-	-	-	-	"	Oxygen Steel Furnace Gas
62,199.2	-	57,880.8	4,318.4	65,608.1	47,386.4	3,204.5	22,213.2	5,925.9	13,250.9	389.7	1,251.5	1,395.2	21,968.7	10³ KLOE	Crude Oil & Petroleum Products	
57,577.0	-	57,577.0	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil
49.1	-	49.1	-	-	-	-	-	-	-	-	-	-	-	-	"	Refinery Feedstock
26.4	-	-	26.4	1,679.8	1,653.4	1,653.0	0.4	0.4	-	-	-	-	-	-	10 ⁶ m ³	Refinery Gas
-	-	-	-	3,068.9	4,332.1	276.2	3,132.5	1,013.9	93.0	0.0	133.1	1,892.5	923.3	10 ³ K.L.	L.P.G.	
-	-	-	-	11,932.5	19,916.9	-	-	-	-	-	-	-	19,916.9	"	Naphthas	
-	-	-	-	16,304.8	10,024.0	5.0	10,019.1	8.6	9,956.0	0.3	54.2	-	-	"	Motor Gasoline	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Aviation Gasoline	
-	-	-	-	5,328.4	376.4	-	376.4	1.2	163.1	-	212.2	-	-	"	Jet Fuel ¹	
-	-	-	-	-	14.7	0.0	14.7	0.8	-	-	13.9	-	-	"	Kerosene	
139.8	-	-	139.8	16,449.6	5,583.8	52.0	5,531.8	190.3	4,492.3	389.5	459.7	-	-	"	Diesel Oil	
3,362.4	-	-	3,362.4	11,695.7	6,006.7	666.8	5,339.9	4,667.1	202.6	24.2	445.9	-	-	"	Fuel Oil	
-	-	-	-	319.6	407.1	-	-	-	-	-	-	-	407.1	"	Lubricants	
-	-	-	-	1,006.1	390.9	-	-	-	-	-	-	-	390.9	"	Asphalts	
-	-	-	-	115.8	1,403.8	-	-	-	-	-	-	-	1,403.8	"	Solvents	
620.8	-	-	620.8	1,490.3	648.0	613.3	-	-	-	-	-	-	34.7	10 ³ tonne	Petroleum Coke	
264.3	-	254.7	9.5	1,705.7	1,869.9	24.9	13.1	13.1	-	-	-	-	1,831.9	10 ³ KLOE	Other ²	
6,541.6	-	20.4	6,521.2	8,972.4	1,946.3	321.0	1,625.2	737.3	-	-	268.0	620.0	-	10³ tonne	Natural Gas	
1.7	-	-	1.7	1,051.0	1,366.3	2.5	1,363.8	351.7	-	-	235.3	776.7	-	10 ⁶ m ³	(Indigenous) Natural Gas	
8,633.4	-	26.9	8,606.5	10,909.3	1,354.6	421.5	933.1	660.6	-	-	144.5	128.0	-	"	(Imported) L.N.G.	
1,193.2	-	-	1,193.2	-	495.1	1.0	494.0	494.0	-	-	-	-	-	10³ KLOE	Biomass and Waste	
40,539.2	-	-	40,539.2	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear	
8,350.3	-	-	8,350.3	3,932.7	-	-	-	-	-	-	-	-	-	"	Hydro	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Geothermal	
2.2	-	-	2.2	-	-	-	-	-	-	-	-	-	-	"	Solar PV	
439.5	-	-	439.5	-	-	-	-	-	-	-	-	-	-	"	Wind	
-	-	-	-	243,116.6	233,482.7	20,767.4	212,715.3	120,418.6	873.3	2,619.6	45,680.7	43,123.1	-	"	Electricity	
-	-	-	-	-	105.5	-	105.5	-	-	-	3.2	102.3	-	10³ KLOE	Solar Thermal	
-	-	-	-	23,758.2	23,758.2	6,387.1	17,371.1	17,371.1	-	-	-	-	-	10³ tonne	Heat	

Note: 1. Jet fuel includes gasoline type and kerosene type.

2. Other includes Additives/Oxygenates, Natural Gasoline, White Spirits, Paraffin Waxes, Other Petroleum Products.

3.能源供需平衡表(原始單位)

民國97年

能源種類	單位	自產	進口	出口	國際海運	國際航空	存貨變動	初級能源	產品間	損耗及統計差異
		Indigenous	Imports	Exports	Intl.Marine Bunkers	Intl.Civil Aviation	Change in Stocks	總供給 TPES	轉換(轉出) Transfers (Input)	Loss and Statistical Difference
煤及煤產品	千公乘油當量	-	42,188.3	69.6	-	-	766.6	41,352.1	-	497.9
煙煤-煉焦煤	千公噸	-	4,756.8	-	-	-	160.1	4,596.8	-	29.3
煙煤-燃料煤	"	-	51,901.9	-	-	-	864.1	51,037.8	-	889.2
無煙煤	"	-	146.7	1.1	-	-	13.9	131.7	-	-40.6
亞煙煤	"	-	7,314.8	-	-	-	190.3	7,124.4	-	-291.2
焦炭	"	-	401.7	88.3	-	-	-30.2	343.6	-	35.5
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
高爐氣	"	-	-	-	-	-	-	-	-	13.4
轉爐氣	"	-	-	-	-	-	-	-	-	1.3
原油及石油產品	千公乘油當量	91.8	70,614.1	18,984.7	2,068.1	2,062.3	-270.7	47,861.3	7,488.7	-135.0
原油	千公乘	16.1	52,944.9	-	-	-	710.1	52,250.9	-	-122.1
煉油廠進料	"	75.7	-	-	-	-	-	75.7	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公乘	-	1,800.2	538.8	-	-	-25.1	1,286.5	72.1	4.0
石油腦	"	-	14,547.6	87.9	-	-	-365.4	14,825.1	4,899.9	71.3
車用汽油	"	-	-	5,634.7	-	-	-119.4	-5,515.2	18.0	-134.0
航空汽油	"	-	-	-	-	-	-	-	-	-
航空燃油 ¹	"	-	-	2,599.1	-	2,320.1	-23.6	-4,895.6	18.2	117.5
煤油	"	-	-	-	-	-	-0.1	0.1	0.1	-10.8
柴油	"	-	-	10,574.9	194.3	-	-118.4	-10,650.9	387.9	66.1
燃料油	"	-	1,941.5	516.3	1,766.4	-	-65.4	-275.8	2,365.2	-110.1
潤滑油	"	-	299.1	256.2	2.5	-	-108.4	148.7	25.6	-
柏油	"	-	9.9	236.2	-	-	-34.3	-192.0	-	-
溶劑油	"	-	837.1	45.1	-	-	8.5	783.5	1.3	-
石油焦	千公噸	-	45.0	253.2	-	-	1.1	-209.3	-	-
其他 ²	千公乘油當量	-	520.2	88.9	-	-	-195.8	627.1	243.6	-
天然氣	千公噸	240.6	8,999.0	-	-	-	134.5	9,105.2	9,690.2	-127.8
(自產)天然氣	百萬立方公尺	357.4	-	-	-	-	102.8	254.6	-	-1.5
(進口)液化天然氣	"	-	11,878.7	-	-	-	86.2	11,792.5	12,791.0	-167.4
生質能及廢棄物	千公乘油當量	1,729.8	0.0	-	-	-	3.1	1,726.7	13.2	0.9
核能	百萬度	-	40,826.9	-	-	-	-	40,826.9	-	-
水力	"	4,305.1	-	-	-	-	-	4,305.1	-	-
地熱	"	-	-	-	-	-	-	-	-	-
太陽光電	"	4.5	-	-	-	-	-	4.5	-	-
風力	"	588.3	-	-	-	-	-	588.3	-	-
電力	"	-	-	-	-	-	-	-	-	8,619.4
太陽熱能	千公乘油當量	109.5	-	-	-	-	-	109.5	-	-
熱能	千公噸	-	-	-	-	-	-	-	-	0.0

註：1.航空燃油包含汽油型及煤油型

2.其他包含添加劑/含氧化合物、天然汽油、白精油、石蠟、其他石油產品

3. Energy Balance Sheet (Original Unit)

2008

轉變投入 Transformation Input				轉變產出 Transformation Output Total	國內能源消費 Total Domestic Consumption										Unit	Energy Source	
合計 Total	煉焦 及煤氣 Coke & Gas	石油煉製 Oil Refining	發電 Power Generat- ion		合計 Total	能源部門 自用 Energy Own Use	能源消費 Energy Use							非能源 Non- Energy Use			
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.					
39,361.7	8,147.6	-	31,214.1	5,682.4	7,174.8	892.7	5,974.6	5,974.6	-	-	-	-	-	307.5	10³ KLOE	Coal & Coal Products	
4,567.5	4,567.5	-	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal	
43,505.3	2,322.5	-	41,182.8	-	6,643.2	-	6,643.2	6,643.2	-	-	-	-	-	-	"	Bituminous Coal-Steam Coal	
-	-	-	-	-	172.3	-	87.5	87.5	-	-	-	-	-	-	84.8	"	Anthracite
7,415.6	-	-	7,415.6	-	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous	
3,635.4	3,635.4	-	-	4,231.3	904.0	-	594.6	594.6	-	-	-	-	-	309.4	"	Coke	
251.5	-	-	251.5	2,038.6	1,787.1	374.1	1,413.0	1,413.0	-	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas	
3,983.3	-	-	3,983.3	14,459.7	10,463.0	7,683.5	2,779.5	2,779.5	-	-	-	-	-	-	"	Blast Furnace Gas	
389.1	-	-	389.1	923.1	532.8	263.9	268.9	268.9	-	-	-	-	-	-	"	Oxygen Steel Furnace Gas	
56,608.0	-	52,687.5	3,920.5	61,258.0	45,157.6	2,632.7	20,581.5	4,984.8	12,448.0	553.9	1,221.8	1,373.0	21,943.4	10³ KLOE	Crude Oil & Petroleum Products		
52,373.1	-	52,373.1	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
75.7	-	75.7	-	-	-	-	-	-	-	-	-	-	-	-	"	Refinery Feedstock	
32.6	-	-	32.6	1,519.5	1,486.9	1,486.6	0.3	0.3	-	-	-	-	-	-	10 ⁶ m ³	Refinery Gas	
-	-	-	-	2,916.4	4,126.7	99.8	2,877.4	763.6	118.4	0.0	132.8	1,862.4	1,149.6	10 ³ K.L.	L.P.G.		
-	-	-	-	10,423.9	20,277.8	-	-	-	-	-	-	-	20,277.8	"	Naphthas		
-	-	-	-	14,909.3	9,510.0	4.9	9,505.0	7.6	9,435.7	9.3	52.5	-	-	"	Motor Gasoline		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Aviation Gasoline		
-	-	-	-	5,345.1	313.8	-	313.8	1.2	108.2	-	204.4	-	-	"	Jet Fuel ¹		
-	-	-	-	-	10.9	0.0	10.9	0.3	-	-	10.5	-	-	"	Kerosene		
149.0	-	-	149.0	16,674.5	5,420.6	46.1	5,374.5	170.5	4,195.4	562.0	446.5	-	-	"	Diesel Oil		
2,998.8	-	-	2,998.8	10,637.7	5,108.0	510.8	4,597.2	3,976.2	160.5	19.9	440.6	-	-	"	Fuel Oil		
-	-	-	-	267.2	390.2	-	-	-	-	-	-	-	390.2	"	Lubricants		
-	-	-	-	577.6	385.7	-	-	-	-	-	-	-	385.7	"	Asphalts		
-	-	-	-	113.1	895.3	-	-	-	-	-	-	-	895.3	"	Solvents		
600.0	-	-	600.0	1,383.0	573.7	517.5	-	-	-	-	-	-	56.1	10 ³ tonne	Petroleum Coke		
242.3	-	238.8	3.5	1,681.2	1,822.4	8.9	13.3	13.3	-	-	-	-	1,800.3	10 ³ KLOE	Other ²		
7,229.2	-	19.1	7,210.1	9,665.2	1,978.8	354.8	1,624.0	699.5	-	-	296.6	627.9	-	10³ tonne	Natural Gas		
1.8	-	-	1.8	1,123.3	1,377.6	3.0	1,374.6	326.3	-	-	246.2	802.1	-	10 ⁶ m ³	(Indigenous) Natural Gas		
9,540.9	-	25.2	9,515.8	11,759.6	1,387.5	465.7	921.8	633.4	-	-	172.7	115.8	-	"	(Imported) L.N.G.		
1,203.4	-	-	1,203.4	-	509.2	0.6	508.6	508.6	-	-	-	-	-	10³ KLOE	Biomass and Waste		
40,826.9	-	-	40,826.9	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear		
7,772.3	-	-	7,772.3	3,467.2	-	-	-	-	-	-	-	-	-	"	Hydro		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Geothermal		
4.5	-	-	4.5	-	-	-	-	-	-	-	-	-	-	"	Solar PV		
588.3	-	-	588.3	-	-	-	-	-	-	-	-	-	-	"	Wind		
-	-	-	-	238,305.4	229,685.9	19,563.0	210,122.9	118,114.1	1,140.5	2,600.3	45,581.0	42,687.0	-	"	Electricity		
-	-	-	-	-	109.5	-	109.5	-	-	-	3.3	106.2	-	10³ KLOE	Solar Thermal		
-	-	-	-	21,156.5	21,156.5	5,763.8	15,392.8	15,392.8	-	-	-	-	-	10³ tonne	Heat		

Note: 1. Jet fuel includes gasoline type and kerosene type.

2. Other includes Additives/Oxygenates, Natural Gasoline, White Spirits, Paraffin Waxes, Other Petroleum Products.

3.能源供需平衡表(原始單位)

民國98年

能源種類	單位	自產	進口	出口	國際海運	國際航空	存貨變動	初級能源	產品間	損耗及統計差異
		Indigenous	Imports	Exports	Intl.Marine Bunkers	Intl.Civil Aviation	Change in Stocks	總供給 TPES	轉換(轉出) Transfers (Input)	Loss and Statistical Difference
煤及煤產品	千公乘油當量	-	38,539.2	29.8	-	-	-915.2	39,424.6	-	282.6
煙煤-煉焦煤	千公噸	-	4,062.0	-	-	-	-55.6	4,117.6	-	402.3
煙煤-燃料煤	"	-	47,668.9	-	-	-	-1,165.8	48,834.7	-	149.9
無煙煤	"	-	104.5	1.0	-	-	-19.0	122.5	-	-
亞煙煤	"	-	7,219.6	-	-	-	-142.9	7,362.6	-	-168.8
焦炭	"	-	76.4	37.4	-	-	-2.9	41.9	-	-88.4
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
高爐氣	"	-	-	-	-	-	-	-	-	13.7
轉爐氣	"	-	-	-	-	-	-	-	-	1.3
原油及石油產品	千公乘油當量	72.5	71,668.3	20,862.6	1,830.9	1,949.0	-615.8	47,714.2	6,388.0	-845.8
原油	千公乘	16.0	54,878.9	-	-	-	-389.6	55,284.5	-	-168.0
煉油廠進料	"	56.5	-	-	-	-	-	56.5	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公乘	-	2,116.9	268.5	-	-	146.9	1,701.5	294.0	8.5
石油腦	"	-	13,991.8	151.6	-	-	-239.6	14,079.8	4,452.7	-106.5
車用汽油	"	-	-	5,572.1	-	-	71.2	-5,643.3	120.3	-119.8
航空汽油	"	-	-	-	-	-	-	-	-	-
航空燃油 ¹	"	-	-	3,234.8	-	2,192.6	-148.6	-5,278.8	14.1	24.9
煤油	"	-	-	-	-	-	-1.3	1.3	0.0	-9.0
柴油	"	-	-	11,990.6	224.5	-	328.4	-12,543.4	306.6	-145.6
燃料油	"	-	886.3	592.9	1,518.5	-	-152.9	-1,072.2	1,522.5	-342.9
潤滑油	"	-	280.1	214.8	1.5	-	76.7	-12.9	18.8	-
柏油	"	-	14.2	272.6	-	-	-31.3	-227.1	-	-
溶劑油	"	-	1,298.1	96.3	-	-	-13.3	1,215.1	1.1	-
石油焦	千公噸	-	35.2	339.2	-	-	-26.3	-277.7	-	-
其他 ²	千公乘油當量	-	613.5	75.3	-	-	-209.3	747.4	264.3	-
天然氣	千公噸	236.1	8,787.0	-	-	-	122.2	8,900.9	9,428.8	54.4
(自產)天然氣	百萬立方公尺	350.7	-	-	-	-	107.7	242.9	-	-2.3
(進口)液化天然氣	"	-	11,598.9	-	-	-	65.6	11,533.3	12,446.0	73.8
生質能及廢棄物	千公乘油當量	1,638.0	0.1	-	-	-	3.1	1,635.0	26.2	0.2
核能	百萬度	-	41,571.1	-	-	-	-	41,571.1	-	-
水力	"	3,748.3	-	-	-	-	-	3,748.3	-	-
地熱	"	-	-	-	-	-	-	-	-	-
太陽光電	"	9.1	-	-	-	-	-	9.1	-	-
風力	"	786.6	-	-	-	-	-	786.6	-	-
電力	"	-	-	-	-	-	-	-	-	9,322.2
太陽熱能	千公乘油當量	113.2	-	-	-	-	-	113.2	-	-
熱能	千公噸	-	-	-	-	-	-	-	-	0.0

註：1.航空燃油包含汽油型及煤油型

2.其他包含添加劑/含氧化合物、天然汽油、白精油、石蠟、其他石油產品

3. Energy Balance Sheet (Original Unit)

2009

轉變投入 Transformation Input				轉變產出 Transformation Output Total	國內能源消費 Total Domestic Consumption										Unit	Energy Source
合計 Total	煉焦 及煤氣 Coke & Gas	石油煉製 Oil Refining	發電 Power Generat- ion		合計 Total	能源部門 自用 Energy Own Use	能源消費 Energy Use							非能源 Non- Energy Use		
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.				
37,558.8	7,119.5	-	30,439.3	5,076.7	6,659.9	775.8	5,698.8	5,698.8	-	-	-	-	-	185.3	10³ KLOE	Coal & Coal Products
3,715.3	3,715.3	-	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal
42,261.5	2,250.3	-	40,011.1	-	6,423.4	-	6,423.4	6,423.4	-	-	-	-	-	-	"	Bituminous Coal-Steam Coal
-	-	-	-	-	122.5	-	45.3	45.3	-	-	-	-	-	77.2	"	Anthracite
7,531.3	-	-	7,531.3	-	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous
3,237.4	3,237.4	-	-	3,817.5	710.4	-	550.4	550.4	-	-	-	-	-	160.0	"	Coke
243.8	-	-	243.8	1,914.1	1,670.3	345.2	1,325.1	1,325.1	-	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas
3,019.5	-	-	3,019.5	12,220.0	9,186.9	6,580.5	2,606.4	2,606.4	-	-	-	-	-	-	"	Blast Furnace Gas
290.4	-	-	290.4	767.3	475.6	224.2	251.4	251.4	-	-	-	-	-	-	"	Oxygen Steel Furnace Gas
58,288.0	-	55,789.1	2,498.9	62,154.4	46,038.4	2,662.9	20,082.6	4,489.9	12,585.3	420.4	1,225.5	1,361.6	23,292.9	10³ KLOE	Crude Oil & Petroleum Products	
55,452.5	-	55,452.5	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil
56.5	-	56.5	-	-	-	-	-	-	-	-	-	-	-	-	"	Refinery Feedstock
23.8	-	-	23.8	1,530.2	1,506.5	1,506.2	0.2	0.2	-	-	-	-	-	-	10 ⁶ m ³	Refinery Gas
-	-	-	-	2,871.4	4,270.3	63.9	2,764.7	654.3	128.9	0.0	134.6	1,847.0	1,441.7	10 ³ K.L.	L.P.G.	
-	-	-	-	11,538.8	21,272.5	-	-	-	-	-	-	-	-	21,272.5	"	Naphthas
-	-	-	-	15,344.7	9,700.9	5.0	9,695.9	7.9	9,628.2	8.9	50.8	-	-	-	"	Motor Gasoline
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Aviation Gasoline
-	-	-	-	5,623.4	305.5	-	305.5	1.2	95.4	-	209.0	-	-	-	"	Jet Fuel ¹
-	-	-	-	-	10.3	0.0	10.3	0.2	-	0.0	10.1	-	-	-	"	Kerosene
68.8	-	-	68.8	17,984.1	5,210.9	32.9	5,177.9	158.3	4,158.2	418.2	443.4	-	-	-	"	Diesel Oil
1,744.9	-	-	1,744.9	8,754.9	4,758.2	526.7	4,231.5	3,598.2	168.8	20.9	443.5	-	-	-	"	Fuel Oil
-	-	-	-	376.7	344.9	-	-	-	-	-	-	-	-	344.9	"	Lubricants
-	-	-	-	664.4	437.3	-	-	-	-	-	-	-	-	437.3	"	Asphalts
-	-	-	-	95.7	1,309.8	-	-	-	-	-	-	-	-	1,309.8	"	Solvents
599.1	-	-	599.1	1,459.3	582.5	551.7	-	-	-	-	-	-	-	30.8	10 ³ tonne	Petroleum Coke
284.0	-	280.1	4.0	1,528.6	1,727.7	10.0	13.5	13.5	-	-	-	-	-	1,704.2	10 ³ KLOE	Other ²
6,897.9	-	34.4	6,863.5	9,483.4	2,003.1	356.4	1,646.7	696.6	-	-	307.8	642.4	-	10³ tonne	Natural Gas	
1.8	-	-	1.8	1,144.5	1,387.9	2.5	1,385.4	318.7	-	-	252.5	814.2	-	10 ⁶ m ³	(Indigenous) Natural Gas	
9,103.7	-	45.4	9,058.3	11,500.7	1,410.4	468.2	942.2	636.2	-	-	181.8	124.2	-	"	(Imported) L.N.G.	
1,144.1	-	-	1,144.1	-	464.5	0.1	464.5	464.5	-	-	-	-	-	10³ KLOE	Biomass and Waste	
41,571.1	-	-	41,571.1	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear	
7,053.4	-	-	7,053.4	3,305.1	-	-	-	-	-	-	-	-	-	"	Hydro	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Geothermal	
9.1	-	-	9.1	-	-	-	-	-	-	-	-	-	-	"	Solar PV	
786.6	-	-	786.6	-	-	-	-	-	-	-	-	-	-	"	Wind	
-	-	-	-	230,037.2	220,715.0	19,032.9	201,682.1	110,731.7	1,148.4	2,582.0	44,152.6	43,067.4	-	"	Electricity	
-	-	-	-	-	113.2	-	113.2	-	-	-	3.4	109.8	-	10³ KLOE	Solar Thermal	
-	-	-	-	22,482.6	22,482.6	5,686.0	16,796.6	16,796.6	-	-	-	-	-	10³ tonne	Heat	

Note: 1. Jet fuel includes gasoline type and kerosene type.

2. Other includes Additives/Oxygenates, Natural Gasoline, White Spirits, Paraffin Waxes, Other Petroleum Products.

3.能源供需平衡表(原始單位)

民國99年

能源種類	單位	自產	進口	出口	國際海運	國際航空	存貨變動	初級能源	產品間	損耗及統計差異
		Indigenous	Imports	Exports	Intl.Marine Bunkers	Intl.Civil Aviation	Change in Stocks	總供給 TPES	轉換(轉出) Transfers (Input)	Loss and Statistical Difference
煤及煤產品	千公乘油當量	-	42,236.2	92.3	-	-	-161.4	42,305.3	-	898.0
煙煤-煉焦煤	千公噸	-	5,546.4	-	-	-	-117.5	5,663.9	-	102.3
煙煤-燃料煤	"	-	51,027.5	-	-	-	-1,007.7	52,035.2	-	1,738.6
無煙煤	"	-	141.0	1.4	-	-	-1.7	141.3	-	-16.5
亞煙煤	"	-	7,256.0	-	-	-	867.2	6,388.8	-	-832.7
焦炭	"	-	194.5	117.3	-	-	79.5	-2.3	-	-3.6
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	0.3
高爐氣	"	-	-	-	-	-	-	-	-	251.3
轉爐氣	"	-	-	-	-	-	-	-	-	76.4
原油及石油產品	千公乘油當量	68.6	71,538.0	17,982.6	1,978.1	2,199.0	12.0	49,434.7	7,033.8	-124.1
原油	千公乘	14.2	50,849.7	-	-	-	174.3	50,689.7	-	-160.0
煉油廠進料	"	54.3	-	-	-	-	-	54.3	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公乘	-	1,630.0	167.7	-	-	-33.0	1,495.3	238.1	7.5
石油腦	"	-	16,687.2	-	-	-	176.7	16,510.5	4,705.6	-0.0
車用汽油	"	-	-	4,947.0	-	-	88.5	-5,035.5	98.8	-49.0
航空汽油	"	-	-	-	-	-	-	-	-	-
航空燃油 ¹	"	-	-	1,927.4	-	2,473.9	12.1	-4,413.4	104.0	-7.5
煤油	"	-	-	-	-	-	-0.4	0.4	3.2	-10.5
柴油	"	-	-	10,283.8	177.3	-	-137.2	-10,323.9	262.7	-113.8
燃料油	"	-	2,396.8	759.8	1,697.7	-	57.0	-117.7	1,843.3	183.3
潤滑油	"	-	283.6	593.4	0.1	-	0.4	-310.3	26.9	-
柏油	"	-	15.3	341.3	-	-	-13.0	-313.0	-	-
溶劑油	"	-	1,510.5	74.6	-	-	-3.7	1,439.6	1.2	-
石油焦	千公噸	-	48.6	264.4	-	-	-75.1	-140.7	-	-
其他 ²	千公乘油當量	-	710.9	127.8	1.6	-	-225.0	806.5	357.7	-
天然氣	千公噸	199.5	11,004.4	-	-	-	45.8	11,158.0	11,732.4	-84.9
(自產)天然氣	百萬立方公尺	296.2	-	-	-	-	44.5	251.8	-	-0.2
(進口)液化天然氣	"	-	14,525.8	-	-	-	21.0	14,504.8	15,486.7	-119.3
生質能及廢棄物	千公乘油當量	1,706.8	0.1	-	-	-	2.7	1,704.2	38.2	0.1
核能	百萬度	-	41,628.7	-	-	-	-	41,628.7	-	-
水力	"	4,194.1	-	-	-	-	-	4,194.1	-	-
地熱	"	-	-	-	-	-	-	-	-	-
太陽光電	"	21.7	-	-	-	-	-	21.7	-	-
風力	"	1,026.3	-	-	-	-	-	1,026.3	-	-
電力	"	-	-	-	-	-	-	-	-	9,651.6
太陽熱能	千公乘油當量	114.3	-	-	-	-	-	114.3	-	-
熱能	千公噸	-	-	-	-	-	-	-	-	0.0

註：1.航空燃油包含汽油型及煤油型

2.其他包含添加劑/含氧化合物、天然汽油、白精油、石蠟、其他石油產品

3. Energy Balance Sheet (Original Unit)

2010

轉變投入 Transformation Input				轉變產出 Transformation Output Total	國內能源消費 Total Domestic Consumption										Unit	Energy Source
合計 Total	煉焦 及煤氣 Coke & Gas	石油煉製 Oil Refining	發電 Power Generat- ion		合計 Total	能源部門 自用 Energy Own Use	能源消費 Energy Use							非能源 Non- Energy Use		
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.				
40,503.1	9,718.0	-	30,785.1	7,052.7	7,956.8	1,038.5	6,597.3	6,597.3	-	-	-	-	-	321.0	10³ KLOE	Coal & Coal Products
5,561.6	5,561.6	-	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal
43,250.5	2,658.8	-	40,591.7	-	7,046.1	-	7,046.1	7,046.1	-	-	-	-	-	-	"	Bituminous Coal-Steam Coal
-	-	-	-	-	157.8	-	75.2	75.2	-	-	-	-	-	82.6	"	Anthracite
7,221.5	-	-	7,221.5	-	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous
4,330.8	4,330.8	-	-	5,348.5	1,018.9	-	690.0	690.0	-	-	-	-	-	328.9	"	Coke
303.6	-	-	303.6	2,646.6	2,342.6	546.6	1,796.0	1,796.0	-	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas
4,192.7	-	-	4,192.7	16,984.4	12,540.4	8,461.2	4,079.3	4,079.3	-	-	-	-	-	-	"	Blast Furnace Gas
344.7	-	-	344.7	921.6	500.4	254.7	245.7	245.7	-	-	-	-	-	-	"	Oxygen Steel Furnace Gas
54,206.4	-	51,231.1	2,975.4	59,303.5	47,622.0	2,583.6	20,555.2	4,689.3	12,997.9	400.9	1,149.4	1,317.8	24,483.2	10³ KLOE	Crude Oil & Petroleum Products	
50,849.7	-	50,849.7	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil
54.3	-	54.3	-	-	-	-	-	-	-	-	-	-	-	-	"	Refinery Feedstock
19.4	-	-	19.4	1,595.7	1,576.4	1,576.1	0.3	0.3	-	-	-	-	-	-	10 ⁶ m ³	Refinery Gas
-	-	-	-	2,638.0	3,887.7	76.4	2,737.6	690.4	133.1	0.1	126.4	1,787.5	1,073.8	10 ³ K.L.	L.P.G.	
-	-	-	-	10,947.2	22,752.1	-	-	-	-	-	-	-	22,752.1	"	Naphthas	
-	-	-	-	14,869.9	9,784.5	4.9	9,779.6	8.5	9,713.3	9.0	48.9	-	-	"	Motor Gasoline	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Aviation Gasoline	
-	-	-	-	4,782.8	272.8	0.0	272.8	1.6	96.4	-	174.8	-	-	"	Jet Fuel ¹	
-	-	-	-	-	7.7	0.0	7.7	0.0	-	0.0	7.7	-	-	"	Kerosene	
68.2	-	-	68.2	16,027.2	5,486.1	34.7	5,451.4	153.7	4,498.6	396.4	402.7	-	-	"	Diesel Oil	
2,196.4	-	-	2,196.4	9,169.8	4,829.1	414.6	4,414.5	3,762.4	184.8	21.6	445.6	-	-	"	Fuel Oil	
-	-	-	-	730.8	393.7	-	-	-	-	-	-	-	393.7	"	Lubricants	
-	-	-	-	721.9	408.9	-	-	-	-	-	-	-	408.9	"	Asphalts	
-	-	-	-	106.7	1,545.1	-	-	-	-	-	-	-	1,545.1	"	Solvents	
601.7	-	-	601.7	1,303.8	561.3	514.3	-	-	-	-	-	-	47.0	10 ³ tonne	Petroleum Coke	
328.5	-	327.0	1.5	1,529.3	1,649.6	3.8	14.7	14.7	-	-	-	-	1,631.1	10 ³ KLOE	Other ²	
8,837.1	-	18.1	8,819.0	11,613.0	2,286.5	447.8	1,838.6	860.3	-	-	360.5	617.9	-	10³ tonne	Natural Gas	
1.7	-	-	1.7	1,190.4	1,440.7	2.4	1,438.4	338.3	-	-	280.8	819.3	-	10 ⁶ m ³	(Indigenous) Natural Gas	
11,663.5	-	23.9	11,639.6	14,271.0	1,745.0	589.0	1,156.0	842.3	-	-	226.3	87.3	-	"	(Imported) L.N.G.	
1,152.8	-	-	1,152.8	-	513.1	0.2	513.0	513.0	-	-	-	-	-	10³ KLOE	Biomass and Waste	
41,628.7	-	-	41,628.7	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear	
7,255.1	-	-	7,255.1	3,061.0	-	-	-	-	-	-	-	-	-	"	Hydro	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Geothermal	
21.7	-	-	21.7	-	-	-	-	-	-	-	-	-	-	"	Solar PV	
1,026.3	-	-	1,026.3	-	-	-	-	-	-	-	-	-	-	"	Wind	
-	-	-	-	247,058.9	237,407.3	19,024.5	218,382.7	125,247.2	1,194.1	2,615.5	45,898.1	43,427.8	-	"	Electricity	
-	-	-	-	-	114.3	-	114.3	-	-	-	3.4	110.9	-	10³ KLOE	Solar Thermal	
-	-	-	-	24,846.7	24,846.7	6,212.6	18,634.1	18,634.1	-	-	-	-	-	10³ tonne	Heat	

Note: 1. Jet fuel includes gasoline type and kerosene type.

2. Other includes Additives/Oxygenates, Natural Gasoline, White Spirits, Paraffin Waxes, Other Petroleum Products.

3.能源供需平衡表(原始單位)

民國100年

能源種類	單位	自產	進口	出口	國際海運	國際航空	存貨變動	初級能源	產品間	損耗及統計差異
		Indigenous	Imports	Exports	Intl.Marine Bunkers	Intl.Civil Aviation	Change in Stocks	總供給 TPES	轉換(轉出) Transfers (Input)	Loss and Statistical Difference
煤及煤產品	千公乘油當量	-	43,982.4	78.3	-	-	49.3	43,854.8	-	509.2
煙煤-煉焦煤	千公噸	-	6,036.1	-	-	-	156.9	5,879.2	-	-133.5
煙煤-燃料煤	"	-	48,127.1	-	-	-	-2.7	48,129.8	-	881.9
無煙煤	"	-	375.0	1.0	-	-	-2.4	376.4	-	-35.1
亞煙煤	"	-	12,944.6	-	-	-	-64.2	13,008.7	-	-78.1
焦炭	"	-	103.2	99.6	-	-	-20.2	23.8	-	6.8
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	3.7
高爐氣	"	-	-	-	-	-	-	-	-	309.0
轉爐氣	"	-	-	-	-	-	-	-	-	13.9
原油及石油產品	千公乘油當量	63.5	63,943.4	15,464.7	1,809.5	2,193.5	-1,334.5	45,873.8	6,673.1	52.7
原油	千公乘	11.3	46,129.2	-	-	-	-811.2	46,951.7	-	23.5
煉油廠進料	"	52.2	-	-	-	-	-	52.2	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公乘	-	2,031.2	55.4	-	-	64.0	1,911.7	121.1	-0.1
石油腦	"	-	14,092.8	0.1	-	-	48.9	14,043.8	4,356.6	351.7
車用汽油	"	-	76.5	3,585.9	-	-	-152.5	-3,356.9	77.5	-71.3
航空汽油	"	-	-	-	-	-	-	-	-	-
航空燃油 ¹	"	-	49.9	1,399.8	-	2,467.7	-59.3	-3,758.4	58.9	129.6
煤油	"	-	-	-	-	-	-1.4	1.4	0.0	-5.1
柴油	"	-	-	9,140.8	163.3	-	75.2	-9,379.3	312.3	-232.3
燃料油	"	-	1,416.1	963.1	1,553.4	-	-246.8	-853.6	1,803.3	-100.7
潤滑油	"	-	247.7	733.0	0.1	-	81.2	-566.6	24.3	-
柏油	"	-	21.6	251.1	-	-	-10.2	-219.4	-	-
溶劑油	"	-	1,340.7	153.8	-	-	0.8	1,186.1	1.1	-
石油焦	千公噸	-	50.2	212.5	-	-	3.3	-165.6	-	-
其他 ²	千公乘油當量	-	911.6	116.7	-	-	-312.7	1,107.6	446.5	-
天然氣	千公噸	222.3	12,094.4	-	-	-	25.4	12,291.3	12,942.5	360.4
(自產)天然氣	百萬立方公尺	330.2	-	-	-	-	47.2	282.9	-	0.4
(進口)液化天然氣	"	-	15,964.7	-	-	-	-8.4	15,973.1	17,084.2	472.7
生質能及廢棄物	千公乘油當量	1,732.3	0.1	1.1	-	-	2.5	1,728.8	48.6	1.0
核能	百萬度	-	42,116.5	-	-	-	-	42,116.5	-	-
水力	"	3,999.7	-	-	-	-	-	3,999.7	-	-
地熱	"	-	-	-	-	-	-	-	-	-
太陽光電	"	61.6	-	-	-	-	-	61.6	-	-
風力	"	1,492.7	-	-	-	-	-	1,492.7	-	-
電力	"	-	-	-	-	-	-	-	-	10,080.8
太陽熱能	千公乘油當量	113.2	-	-	-	-	-	113.2	-	-
熱能	千公噸	-	-	-	-	-	-	-	-	0.0

註：1.航空燃油包含汽油型及煤油型

2.其他包含添加劑/含氧化合物、天然汽油、白精油、石蠟、其他石油產品

3. Energy Balance Sheet (Original Unit)

2011

轉變投入 Transformation Input				轉變產出 Transformation Output Total	國內能源消費 Total Domestic Consumption										Unit	Energy Source
合計 Total	煉焦 及煤氣 Coke & Gas	石油煉製 Oil Refining	發電 Power Generat- ion		合計 Total	能源部門 自用 Energy Own Use	能源消費 Energy Use							非能源 Non- Energy Use		
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.				
42,206.9	10,818.9	-	31,388.0	7,366.1	8,504.8	1,095.3	7,184.6	7,184.6	-	-	-	-	-	224.9	10³ KLOE	Coal & Coal Products
6,012.7	6,012.7	-	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal
39,401.7	3,290.0	-	36,111.6	-	7,846.2	-	7,846.2	7,846.2	-	-	-	-	-	-	"	Bituminous Coal-Steam Coal
-	-	-	-	-	411.5	-	375.9	375.9	-	-	-	-	-	35.6	"	Anthracite
13,086.8	-	-	13,086.8	-	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous
4,678.6	4,678.6	-	-	5,446.3	784.6	-	531.6	531.6	-	-	-	-	-	253.0	"	Coke
467.6	-	-	467.6	2,676.4	2,205.1	472.0	1,733.2	1,733.2	-	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas
5,886.0	-	-	5,886.0	19,039.7	12,844.8	9,400.1	3,444.7	3,444.7	-	-	-	-	-	-	"	Blast Furnace Gas
496.4	-	-	496.4	1,142.9	632.7	305.9	326.7	326.7	-	-	-	-	-	-	"	Oxygen Steel Furnace Gas
49,949.9	-	47,415.5	2,534.4	54,818.4	44,016.4	2,245.1	20,087.1	4,122.8	13,178.0	405.3	1,082.6	1,298.5	21,684.2	10³ KLOE	Crude Oil & Petroleum Products	
46,928.1	-	46,928.1	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil
52.2	-	52.2	-	-	-	-	-	-	-	-	-	-	-	-	"	Refinery Feedstock
7.8	-	-	7.8	1,450.8	1,443.0	1,442.6	0.4	0.4	-	-	-	-	-	-	10 ⁶ m ³	Refinery Gas
-	-	-	-	2,204.1	3,994.9	70.4	2,547.8	549.5	128.4	0.0	108.5	1,761.4	1,376.6	10 ³ K.L.	L.P.G.	
-	-	-	-	10,013.7	19,349.2	-	-	-	-	-	-	-	19,349.2	"	Naphthas	
-	-	-	-	13,272.0	9,908.9	4.7	9,904.2	22.7	9,828.0	9.7	43.7	-	-	"	Motor Gasoline	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Aviation Gasoline	
-	-	-	-	4,220.6	273.8	-	273.8	1.6	107.5	-	164.6	-	-	"	Jet Fuel ¹	
-	-	-	-	-	6.5	0.0	6.5	0.0	-	0.0	6.5	-	-	"	Kerosene	
57.9	-	-	57.9	15,092.8	5,575.7	32.3	5,543.4	152.0	4,598.6	396.5	396.3	-	-	"	Diesel Oil	
1,937.1	-	-	1,937.1	8,724.0	4,230.7	305.2	3,925.5	3,318.7	166.9	25.1	414.8	-	-	"	Fuel Oil	
-	-	-	-	1,003.4	412.5	-	-	-	-	-	-	-	412.5	"	Lubricants	
-	-	-	-	649.1	429.8	-	-	-	-	-	-	-	429.8	"	Asphalts	
-	-	-	-	98.8	1,283.8	-	-	-	-	-	-	-	1,283.8	"	Solvents	
440.2	-	-	440.2	1,059.3	453.4	409.6	-	-	-	-	-	-	43.8	10 ³ tonne	Petroleum Coke	
440.7	-	435.2	5.5	1,570.4	1,790.8	17.6	14.5	14.5	-	-	-	-	1,758.7	10 ³ KLOE	Other ²	
9,579.6	-	26.4	9,553.2	13,153.5	2,562.4	551.8	2,010.6	1,084.4	-	-	317.3	608.9	-	10³ tonne	Natural Gas	
2.4	-	-	2.4	1,249.9	1,530.1	2.3	1,527.7	385.1	-	-	296.8	845.8	-	10 ⁶ m ³	(Indigenous) Natural Gas	
12,642.9	-	34.8	12,608.1	16,251.6	2,025.0	726.3	1,298.6	1,091.8	-	-	155.0	51.9	-	"	(Imported) L.N.G.	
1,190.7	-	-	1,190.7	-	488.5	0.1	488.4	488.4	-	-	-	-	-	10³ KLOE	Biomass and Waste	
42,116.5	-	-	42,116.5	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear	
6,901.8	-	-	6,901.8	2,902.1	-	-	-	-	-	-	-	-	-	"	Hydro	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Geothermal	
61.6	-	-	61.6	-	-	-	-	-	-	-	-	-	-	"	Solar PV	
1,492.7	-	-	1,492.7	-	-	-	-	-	-	-	-	-	-	"	Wind	
-	-	-	-	252,167.0	242,086.2	19,042.7	223,043.6	128,883.1	1,243.6	2,726.1	45,771.9	44,418.9	-	"	Electricity	
-	-	-	-	-	113.2	-	113.2	-	-	-	3.4	109.8	-	10³ KLOE	Solar Thermal	
-	-	-	-	23,246.2	23,246.2	5,819.4	17,426.8	17,426.8	-	-	-	-	-	10³ tonne	Heat	

Note: 1. Jet fuel includes gasoline type and kerosene type.

2. Other includes Additives/Oxygenates, Natural Gasoline, White Spirits, Paraffin Waxes, Other Petroleum Products.

3.能源供需平衡表(原始單位)

民國101年

能源種類	單位	自產	進口	出口	國際海運	國際航空	存貨變動	初級能源	產品間	損耗及統計差異
		Indigenous	Imports	Exports	Intl.Marine Bunkers	Intl.Civil Aviation	Change in Stocks	總供給 TPES	轉換(轉出) Transfers (Input)	Loss and Statistical Difference
煤及煤產品	千公乘油當量	-	42,535.3	89.3	-	-	-403.7	42,849.7	-	121.6
煙煤-煉焦煤	千公噸	-	5,519.0	-	-	-	-258.1	5,777.1	-	5.5
煙煤-燃料煤	"	-	43,857.2	-	-	-	-380.0	44,237.2	-	265.3
無煙煤	"	-	273.4	0.9	-	-	23.8	248.7	-	-70.5
亞煙煤	"	-	16,085.1	-	-	-	82.3	16,002.8	-	-116.1
焦炭	"	-	235.1	113.9	-	-	-33.3	154.5	-	5.2
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	0.5
高爐氣	"	-	-	-	-	-	-	-	-	58.4
轉爐氣	"	-	-	-	-	-	-	-	-	58.3
原油及石油產品	千公乘油當量	59.2	67,659.8	18,872.0	1,313.3	2,305.6	-101.7	45,329.7	6,859.5	-663.2
原油	千公乘	11.4	51,359.7	-	-	-	-512.4	51,883.6	-	-310.7
煉油廠進料	"	47.8	-	-	-	-	-	47.8	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公乘	-	1,346.9	165.6	-	-	19.3	1,161.9	97.4	-3.8
石油腦	"	-	13,607.0	42.3	-	-	-59.1	13,623.8	4,050.9	-42.3
車用汽油	"	-	-	4,315.2	-	-	59.1	-4,374.3	77.8	-97.2
航空汽油	"	-	-	-	-	-	-	-	-	-
航空燃油 ¹	"	-	-	1,648.3	-	2,593.8	40.0	-4,282.1	28.3	258.4
煤油	"	-	-	-	-	-	0.9	-0.9	-	-5.0
柴油	"	-	-	11,124.5	147.6	-	147.3	-11,419.4	182.4	-262.8
燃料油	"	-	1,082.8	1,388.1	1,102.0	-	566.2	-1,973.5	2,373.8	-195.4
潤滑油	"	-	270.8	807.0	0.1	-	37.7	-574.0	24.1	-
柏油	"	-	15.5	227.3	-	-	23.7	-235.6	-	-
溶劑油	"	-	1,224.2	135.2	-	-	0.8	1,088.2	1.3	-
石油焦	千公噸	-	30.8	318.3	-	-	-250.0	-37.5	-	-
其他 ²	千公乘油當量	-	896.2	116.6	-	-	-220.9	1,000.5	455.2	-
天然氣	千公噸	297.7	12,647.2	-	-	-	109.8	12,835.0	13,506.1	449.2
(自產)天然氣	百萬立方公尺	442.0	-	-	-	-	169.4	272.6	-	1.6
(進口)液化天然氣	"	-	16,694.3	-	-	-	-5.6	16,699.9	17,828.0	590.0
生質能及廢棄物	千公乘油當量	1,758.8	0.1	-	-	-	-6.6	1,765.6	79.2	4.9
核能	百萬度	-	40,421.7	-	-	-	-	40,421.7	-	-
水力	"	5,669.6	-	-	-	-	-	5,669.6	-	-
地熱	"	-	-	-	-	-	-	-	-	-
太陽光電	"	159.9	-	-	-	-	-	159.9	-	-
風力	"	1,413.5	-	-	-	-	-	1,413.5	-	-
電力	"	-	-	-	-	-	-	-	-	9,261.8
太陽熱能	千公乘油當量	114.0	-	-	-	-	-	114.0	-	-
熱能	千公噸	-	-	-	-	-	-	-	-	0.0

註：1.航空燃油包含汽油型及煤油型

2.其他包含添加劑/含氧化合物、天然汽油、白精油、石蠟、其他石油產品

3. Energy Balance Sheet (Original Unit)

2012

轉變投入 Transformation Input				轉變產出 Transformation Output Total	國內能源消費 Total Domestic Consumption										Unit	Energy Source	
合計 Total	煉焦 及煤氣 Coke & Gas	石油煉製 Oil Refining	發電 Power Generat- ion		合計 Total	能源部門 自用 Energy Own Use	能源消費 Energy Use							非能源 Non- Energy Use			
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.					
41,357.6	10,257.8	-	31,099.9	6,991.3	8,361.7	1,038.3	7,031.8	7,031.8	-	-	-	-	-	291.6	10³ KLOE	Coal & Coal Products	
5,771.6	5,771.6	-	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal	
36,273.3	3,048.0	-	33,225.3	-	7,698.6	-	7,698.6	7,698.6	-	-	-	-	-	-	"	Bituminous Coal-Steam Coal	
-	-	-	-	-	319.2	-	282.4	282.4	-	-	-	-	-	-	36.8	"	Anthracite
16,118.9	-	-	16,118.9	-	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous	
4,434.7	4,434.7	-	-	5,152.4	867.1	-	529.4	529.4	-	-	-	-	-	-	337.6	"	Coke
433.8	-	-	433.8	2,540.0	2,105.8	422.4	1,683.4	1,683.4	-	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas	
5,003.6	-	-	5,003.6	18,090.3	13,028.3	9,071.6	3,956.8	3,956.8	-	-	-	-	-	-	"	Blast Furnace Gas	
468.5	-	-	468.5	1,139.7	612.9	279.2	333.7	333.7	-	-	-	-	-	-	"	Oxygen Steel Furnace Gas	
54,791.7	-	52,663.5	2,128.3	59,848.6	44,190.3	2,434.0	19,135.1	3,485.2	12,901.0	456.5	1,028.3	1,264.1	22,621.1	10³ KLOE	Crude Oil & Petroleum Products		
52,194.3	-	52,194.3	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
47.8	-	47.8	-	-	-	-	-	-	-	-	-	-	-	-	"	Refinery Feedstock	
16.1	-	-	16.1	1,468.0	1,451.9	1,451.4	0.5	0.5	-	-	-	-	-	-	10 ⁶ m ³	Refinery Gas	
-	-	-	-	2,500.1	3,568.3	133.8	2,394.5	449.5	126.3	0.0	103.9	1,714.7	1,040.0	10 ³ K.L.	L.P.G.		
-	-	-	-	11,396.3	21,011.5	-	-	-	-	-	-	-	-	21,011.5	"	Naphthas	
-	-	-	-	14,140.2	9,785.3	4.5	9,780.8	7.6	9,717.3	11.4	44.5	-	-	"	"	Motor Gasoline	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	"	Aviation Gasoline	
-	-	-	-	4,834.0	265.1	-	265.1	1.4	108.1	-	155.6	-	-	"	"	Jet Fuel ¹	
-	-	-	-	-	4.0	0.0	4.0	0.0	-	-	4.0	-	-	"	"	Kerosene	
54.5	-	-	54.5	16,924.0	5,530.6	29.4	5,501.2	142.7	4,523.6	445.2	389.7	-	-	"	"	Diesel Oil	
1,529.9	-	-	1,529.9	9,287.5	3,605.7	319.6	3,286.2	2,811.4	63.8	29.1	381.9	-	-	"	"	Fuel Oil	
-	-	-	-	1,008.6	410.5	-	-	-	-	-	-	-	-	410.5	"	Lubricants	
-	-	-	-	648.2	412.7	-	-	-	-	-	-	-	-	412.7	"	Asphalts	
-	-	-	-	96.3	1,183.2	-	-	-	-	-	-	-	-	1,183.2	"	Solvents	
467.1	-	-	467.1	1,181.8	677.2	547.4	-	-	-	-	-	-	-	129.7	10 ³ tonne	Petroleum Coke	
425.5	-	421.4	4.0	1,445.6	1,565.6	13.1	13.8	13.8	-	-	-	-	-	1,538.7	10 ³ KLOE	Other ²	
9,854.0	-	30.9	9,823.1	13,780.7	2,806.4	566.4	2,240.0	1,363.1	-	-	279.9	597.0	-	10³ tonne	Natural Gas		
1.9	-	-	1.9	1,269.1	1,538.3	2.3	1,536.0	405.2	-	-	304.3	826.4	-	10 ⁶ m ³	"	(Indigenous) Natural Gas	
13,005.6	-	40.8	12,964.7	17,062.4	2,338.7	745.6	1,593.1	1,440.7	-	-	99.0	53.5	-	"	"	(Imported) L.N.G.	
1,215.4	-	-	1,215.4	-	466.1	0.1	466.1	466.1	-	-	-	-	-	-	10³ KLOE	Biomass and Waste	
40,421.7	-	-	40,421.7	-	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear	
8,606.5	-	-	8,606.5	2,936.9	-	-	-	-	-	-	-	-	-	-	"	Hydro	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Geothermal	
159.9	-	-	159.9	-	-	-	-	-	-	-	-	-	-	-	"	Solar PV	
1,413.5	-	-	1,413.5	-	-	-	-	-	-	-	-	-	-	-	"	Wind	
-	-	-	-	250,373.4	241,111.6	18,641.8	222,469.8	129,521.1	1,269.2	2,707.9	45,739.1	43,232.5	-	"	"	Electricity	
-	-	-	-	-	114.0	-	114.0	-	-	-	3.4	110.6	-	10 ³ KLOE	"	Solar Thermal	
-	-	-	-	23,913.7	23,913.7	5,943.5	17,970.1	17,970.1	-	-	-	-	-	-	10 ³ tonne	Heat	

Note: 1. Jet fuel includes gasoline type and kerosene type.

2. Other includes Additives/Oxygenates, Natural Gasoline, White Spirits, Paraffin Waxes, Other Petroleum Products.

3.能源供需平衡表(原始單位)

民國102年

能源種類	單位	自產	進口	出口	國際海運	國際航空	存貨變動	初級能源	產品間	損耗及統計差異
		Indigenous	Imports	Exports	Intl.Marine Bunkers	Intl.Civil Aviation	Change in Stocks	總供給 TPES	轉換(轉出) Transfers (Input)	Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	44,043.9	12.2	-	-	300.1	43,731.5	-	-88.7
煙煤-煉焦煤	千公噸	-	6,726.6	-	-	-	123.1	6,603.5	-	98.6
煙煤-燃料煤	"	-	46,922.4	-	-	-	851.3	46,071.1	-	-323.8
無煙煤	"	-	298.0	2.0	-	-	-10.1	306.1	-	17.5
亞煙煤	"	-	13,317.6	-	-	-	-834.0	14,151.5	-	425.4
焦炭	"	-	174.7	13.8	-	-	155.3	5.6	-	-402.8
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	10.8
高爐氣	"	-	-	-	-	-	-	-	-	320.5
轉爐氣	"	-	-	-	-	-	-	-	-	134.4
原油及石油產品	千公秉油當量	55.1	68,278.6	19,500.6	1,360.0	2,444.6	-1,583.6	46,612.0	6,802.8	-277.2
原油	千公秉	10.5	48,582.4	-	-	-	-532.3	49,125.2	-	-49.8
煉油廠進料	"	44.5	-	-	-	-	-	44.5	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公秉	-	2,083.9	161.6	-	-	-175.9	2,098.1	325.8	-112.7
石油腦	"	-	16,049.9	-	-	-	-148.3	16,198.2	4,802.3	-9.0
車用汽油	"	-	-	5,452.7	-	-	40.2	-5,492.9	124.8	-101.8
航空汽油	"	-	-	-	-	-	-	-	-	-
航空燃油 ¹	"	-	-	1,579.7	-	2,750.2	59.8	-4,389.7	23.4	145.1
煤油	"	-	-	-	-	-	-4.1	4.1	-	-0.0
柴油	"	-	44.6	11,738.4	141.1	-	-82.1	-11,752.9	73.8	-254.1
燃料油	"	-	1,516.5	627.2	1,151.5	-	-454.3	192.1	1,638.6	56.1
潤滑油	"	-	277.2	740.0	-	-	-21.9	-440.8	12.9	-
柏油	"	-	39.6	275.0	-	-	-13.1	-222.4	0.0	-
溶劑油	"	-	1,435.0	80.2	-	-	3.4	1,351.4	1.3	-
石油焦	千公噸	-	44.5	408.7	-	-	-17.3	-346.9	-	-
其他 ²	千公秉油當量	-	887.2	85.6	-	-	-265.5	1,067.1	440.1	-
天然氣	千公噸	256.6	12,662.0	-	-	-	137.5	12,781.1	13,632.6	524.1
(自產)天然氣	百萬立方公尺	381.1	-	-	-	-	201.2	179.8	-	1.5
(進口)液化天然氣	"	-	16,713.9	-	-	-	2.7	16,711.2	17,995.1	684.3
生質能及廢棄物	千公秉油當量	1,763.9	0.1	-	-	-	-0.6	1,764.6	85.7	4.8
核能	百萬度	-	41,639.4	-	-	-	-	41,639.4	-	-
水力	"	5,422.9	-	-	-	-	-	5,422.9	-	-
地熱	"	-	-	-	-	-	-	-	-	-
太陽光電	"	321.1	-	-	-	-	-	321.1	-	-
風力	"	1,640.0	-	-	-	-	-	1,640.0	-	-
電力	"	-	-	-	-	-	-	-	-	7,217.4
太陽熱能	千公秉油當量	112.8	-	-	-	-	-	112.8	-	-
熱能	千公噸	-	-	-	-	-	-	-	-	0.0

註：1.航空燃油包含汽油型及煤油型

2.其他包含添加劑/含氧化合物、天然汽油、白精油、石蠟、其他石油產品

3. Energy Balance Sheet (Original Unit)

2013

轉變投入 Transformation Input				轉變產出 Transformation Output Total	國內能源消費 Total Domestic Consumption										Unit	Energy Source
合計 Total	煉焦 及煤氣 Coke & Gas	石油煉製 Oil Refining	發電 Power Generat- ion		合計 Total	能源部門 自用 Energy Own Use	能源消費 Energy Use							非能源 Non- Energy Use		
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.				
42,596.0	11,817.0	-	30,779.0	7,885.2	9,109.5	1,237.7	7,517.9	7,517.9	-	-	-	-	-	353.9	10³ KLOE	Coal & Coal Products
6,504.9	6,504.9	-	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal
38,433.4	3,780.5	-	34,652.9	-	7,961.4	-	7,961.4	7,961.4	-	-	-	-	-	-	"	Bituminous Coal-Steam Coal
-	-	-	-	-	288.6	-	243.8	243.8	-	-	-	-	-	44.8	"	Anthracite
13,726.2	-	-	13,726.2	-	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous
4,990.4	4,990.4	-	-	5,678.0	1,096.1	-	686.5	686.5	-	-	-	-	-	409.6	"	Coke
507.6	-	-	507.6	3,046.7	2,528.3	463.9	2,064.4	2,064.4	-	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas
4,979.8	-	-	4,979.8	20,646.0	15,345.7	11,015.3	4,330.4	4,330.4	-	-	-	-	-	-	"	Blast Furnace Gas
436.7	-	-	436.7	1,275.1	704.0	338.0	366.0	366.0	-	-	-	-	-	-	"	Oxygen Steel Furnace Gas
51,450.3	-	49,640.5	1,809.8	57,231.1	45,867.3	2,501.6	18,789.8	3,147.4	12,884.0	462.1	1,058.0	1,238.3	24,575.9	10³ KLOE	Crude Oil & Petroleum Products	
49,175.0	-	49,175.0	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil
44.5	-	44.5	-	-	-	-	-	-	-	-	-	-	-	-	"	Refinery Feedstock
15.4	-	-	15.4	1,626.1	1,610.7	1,610.5	0.2	0.2	-	-	-	-	-	-	10 ⁶ m ³	Refinery Gas
-	-	-	-	2,687.7	4,572.8	94.4	2,354.4	459.2	122.6	0.0	92.9	1,679.6	2,123.9	10 ³ K.L.	L.P.G.	
-	-	-	-	10,796.6	22,201.5	-	-	-	-	-	-	-	22,201.5	"	Naphthas	
-	-	-	-	15,321.7	9,805.8	4.3	9,801.5	7.1	9,738.7	13.7	42.0	-	-	"	Motor Gasoline	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Aviation Gasoline	
-	-	-	-	4,837.4	279.2	-	279.2	1.5	99.0	-	178.7	-	-	"	Jet Fuel ¹	
-	-	-	-	-	4.2	0.0	4.1	0.0	-	-	4.1	-	-	"	Kerosene	
54.2	-	-	54.2	17,177.8	5,551.0	72.7	5,478.2	126.0	4,496.0	450.7	405.6	-	-	"	Diesel Oil	
1,396.3	-	-	1,396.3	6,117.4	3,218.4	237.2	2,981.3	2,502.6	64.9	27.7	386.1	-	-	"	Fuel Oil	
-	-	-	-	964.0	510.3	-	-	-	-	-	-	-	510.3	"	Lubricants	
-	-	-	-	621.1	398.7	-	-	-	-	-	-	-	398.7	"	Asphalts	
-	-	-	-	92.6	1,442.7	-	-	-	-	-	-	-	1,442.7	"	Solvents	
277.9	-	-	277.9	1,207.6	582.8	542.3	-	-	-	-	-	-	40.5	10 ³ tonne	Petroleum Coke	
422.5	-	421.0	1.5	1,227.0	1,431.5	3.2	14.3	14.3	-	-	-	-	1,414.1	10 ³ KLOE	Other ²	
10,136.2	-	20.8	10,115.4	14,297.8	2,785.9	438.7	2,347.2	1,480.4	-	0.8	314.0	552.0	-	10³ tonne	Natural Gas	
1.5	-	-	1.5	1,353.5	1,530.3	2.2	1,528.1	439.1	-	-	334.3	754.8	-	10 ⁶ m ³	(Indigenous) Natural Gas	
13,378.5	-	27.5	13,351.0	17,670.0	2,323.3	577.2	1,746.1	1,570.0	-	1.1	117.3	57.7	-	"	(Imported) L.N.G.	
1,206.2	-	-	1,206.2	-	467.8	0.0	467.8	467.8	-	-	-	-	-	10³ KLOE	Biomass and Waste	
41,639.4	-	-	41,639.4	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear	
8,610.0	-	-	8,610.0	3,187.1	-	-	-	-	-	-	-	-	-	"	Hydro	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Geothermal	
321.1	-	-	321.1	-	-	-	-	-	-	-	-	-	-	"	Solar PV	
1,640.0	-	-	1,640.0	-	-	-	-	-	-	-	-	-	-	"	Wind	
-	-	-	-	252,340.8	245,123.4	18,405.8	226,717.6	133,214.9	1,313.9	2,751.2	45,863.3	43,574.2	-	"	Electricity	
-	-	-	-	-	112.8	-	112.8	-	-	-	3.4	109.4	-	10³ KLOE	Solar Thermal	
-	-	-	-	22,822.4	22,822.4	5,738.0	17,084.3	17,084.3	-	-	-	-	-	10³ tonne	Heat	

Note: 1. Jet fuel includes gasoline type and kerosene type.

2. Other includes Additives/Oxygenates, Natural Gasoline, White Spirits, Paraffin Waxes, Other Petroleum Products.

3.能源供需平衡表(原始單位)

民國103年

能源種類	單位	自產	進口	出口	國際海運	國際航空	存貨變動	初級能源	產品間	損耗及統計差異
		Indigenous	Imports	Exports	Intl.Marine Bunkers	Intl.Civil Aviation	Change in Stocks	總供給 TPES	轉換(轉出) Transfers (Input)	Loss and Statistical Difference
煤及煤產品	千公乘油當量	-	43,940.8	57.3	-	-	-322.7	44,206.1	-	-43.3
煙煤-煉焦煤	千公噸	-	6,870.3	-	-	-	217.8	6,652.5	-	-211.7
煙煤-燃料煤	"	-	46,725.5	-	-	-	-687.7	47,413.2	-	758.8
無煙煤	"	-	252.2	2.9	-	-	-28.4	277.6	-	0.3
亞煙煤	"	-	13,247.0	-	-	-	55.3	13,191.6	-	-130.4
焦炭	"	-	173.4	70.8	-	-	-56.5	159.2	-	-485.6
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	26.9
高爐氣	"	-	-	-	-	-	-	-	-	243.3
轉爐氣	"	-	-	-	-	-	-	-	-	21.7
原油及石油產品	千公乘油當量	70.2	71,771.8	19,485.1	1,303.8	2,666.6	940.6	47,446.0	6,540.6	-622.7
原油	千公乘	9.1	50,083.2	-	-	-	912.5	49,179.7	-	-122.6
煉油廠進料	"	61.2	-	-	-	-	3.1	58.1	-	-3.1
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公乘	-	3,086.2	79.4	-	-	130.8	2,875.9	447.5	-13.7
石油腦	"	-	16,964.7	-	-	-	435.2	16,529.4	4,204.1	-0.0
車用汽油	"	-	-	5,404.4	-	-	-191.1	-5,213.3	119.4	-33.7
航空汽油	"	-	-	-	-	-	-	-	-	-
航空燃油 ¹	"	-	-	1,264.8	-	2,999.9	68.1	-4,332.9	12.8	25.5
煤油	"	-	-	-	-	-	2.0	-2.0	-	-7.0
柴油	"	-	-	11,730.1	130.0	-	-213.4	-11,646.7	106.8	-237.2
燃料油	"	-	1,891.7	751.3	1,108.6	-	125.4	-93.6	1,872.9	-236.6
潤滑油	"	-	311.4	798.6	0.0	-	-6.1	-481.0	9.8	-
柏油	"	-	50.9	267.6	-	-	-30.0	-186.7	-	-
溶劑油	"	-	1,549.5	252.7	-	-	-8.5	1,305.2	3.2	-
石油焦	千公噸	-	56.5	409.1	-	-	-0.0	-352.6	-	-
其他 ²	千公乘油當量	-	823.6	114.0	-	-	-232.6	942.1	341.5	-
天然氣	千公噸	255.5	13,400.9	-	-	-	75.8	13,580.5	14,321.2	841.4
(自產)天然氣	百萬立方公尺	379.4	-	-	-	-	110.2	269.1	-	-0.6
(進口)液化天然氣	"	-	17,689.1	-	-	-	2.1	17,687.1	18,903.9	1,076.4
生質能及廢棄物	千公乘油當量	1,730.0	0.1	-	-	-	10.5	1,719.7	43.6	-13.9
核能	百萬度	-	42,389.0	-	-	-	-	42,389.0	-	-
水力	"	4,317.9	-	-	-	-	-	4,317.9	-	-
地熱	"	-	-	-	-	-	-	-	-	-
太陽光電	"	528.8	-	-	-	-	-	528.8	-	-
風力	"	1,500.5	-	-	-	-	-	1,500.5	-	-
電力	"	-	-	-	-	-	-	-	-	8,863.6
太陽熱能	千公乘油當量	112.2	-	-	-	-	-	112.2	-	-
熱能	千公噸	-	-	-	-	-	-	-	-	0.0

註：1.航空燃油包含汽油型及煤油型

2.其他包含添加劑/含氧化合物、天然汽油、白精油、石蠟、其他石油產品

3. Energy Balance Sheet (Original Unit)

2014

轉變投入 Transformation Input				轉變產出 Transformation Output Total	國內能源消費 Total Domestic Consumption										Unit	Energy Source
合計 Total	煉焦 及煤氣 Coke & Gas	石油煉製 Oil Refining	發電 Power Genera- tion		合計 Total	能源部門 自用 Energy Own Use	能源消費 Energy Use							非能源 Non- Energy Use		
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.				
44,105.8	12,909.0	-	31,196.8	8,492.1	8,635.8	1,285.5	7,042.1	7,042.1	-	-	-	-	-	308.1	10³ KLOE	Coal & Coal Products
6,864.2	6,864.2	-	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal
39,062.2	4,002.8	-	35,059.4	-	7,592.2	-	7,592.2	7,592.2	-	-	-	-	-	-	"	Bituminous Coal-Steam Coal
-	-	-	-	-	277.3	-	243.3	243.3	-	-	-	-	-	34.0	"	Anthracite
13,322.0	-	-	13,322.0	-	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous
5,817.8	5,817.8	-	-	6,276.9	1,103.9	-	742.2	742.2	-	-	-	-	-	361.7	"	Coke
732.6	-	-	732.6	3,060.8	2,301.2	481.7	1,819.5	1,819.5	-	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas
7,514.8	-	-	7,514.8	21,769.6	14,011.5	11,284.8	2,726.8	2,726.8	-	-	-	-	-	-	"	Blast Furnace Gas
731.7	-	-	731.7	1,455.8	702.4	416.6	285.8	285.8	-	-	-	-	-	-	"	Oxygen Steel Furnace Gas
51,819.0	-	49,715.9	2,103.0	57,242.8	46,951.9	3,281.9	18,549.8	2,776.1	13,012.3	481.0	1,068.0	1,212.4	25,120.2	10³ KLOE	Crude Oil & Petroleum Products	
49,302.3	-	49,302.3	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil
61.2	-	61.2	-	-	-	-	-	-	-	-	-	-	-	-	"	Refinery Feedstock
40.8	-	-	40.8	2,495.7	2,454.9	2,454.3	0.5	0.5	-	-	-	-	-	-	10 ⁶ m ³	Refinery Gas
-	-	-	-	2,180.3	4,622.4	98.6	2,321.7	472.5	107.0	0.2	97.4	1,644.6	2,202.1	10 ³ K.L.	L.P.G.	
-	-	-	-	10,324.1	22,649.5	-	-	-	-	-	-	-	22,649.5	"	Naphthas	
-	-	-	-	15,182.6	9,883.6	4.1	9,879.5	7.6	9,818.8	13.6	39.5	-	-	"	Motor Gasoline	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Aviation Gasoline	
-	-	-	-	4,677.3	306.1	-	306.1	1.7	111.3	-	193.2	-	-	"	Jet Fuel ¹	
-	-	-	-	-	5.0	0.0	5.0	0.0	-	-	5.0	-	-	"	Kerosene	
86.0	-	-	86.0	17,173.5	5,571.2	25.4	5,545.8	124.9	4,556.8	459.8	404.3	-	-	"	Diesel Oil	
1,644.7	-	-	1,644.7	6,186.8	2,812.3	178.9	2,633.4	2,145.9	67.4	37.4	382.6	-	-	"	Fuel Oil	
-	-	-	-	1,006.7	516.0	-	-	-	-	-	-	-	516.0	"	Lubricants	
-	-	-	-	635.7	449.0	-	-	-	-	-	-	-	449.0	"	Asphalts	
-	-	-	-	108.7	1,410.7	-	-	-	-	-	-	-	1,410.7	"	Solvents	
233.6	-	-	233.6	1,178.0	591.8	540.1	-	-	-	-	-	-	51.7	10 ³ tonne	Petroleum Coke	
368.2	-	352.5	15.8	1,297.7	1,530.1	46.4	13.9	13.9	-	-	-	-	1,469.8	10 ³ KLOE	Other ²	
10,806.8	-	23.6	10,783.2	15,142.8	2,754.1	250.3	2,503.8	1,611.1	-	2.3	342.7	547.6	-	10³ tonne	Natural Gas	
2.0	-	-	2.0	1,329.1	1,596.9	2.3	1,594.6	475.1	-	-	366.5	753.1	-	10 ⁶ m ³	(Indigenous) Natural Gas	
14,263.1	-	31.2	14,232.0	18,807.1	2,250.7	328.4	1,922.3	1,739.1	-	3.1	126.6	53.4	-	"	(Imported) L.N.G.	
1,199.7	-	-	1,199.7	-	490.3	2.7	487.6	487.6	-	-	-	-	-	10³ KLOE	Biomass and Waste	
42,389.0	-	-	42,389.0	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear	
7,439.0	-	-	7,439.0	3,121.2	-	-	-	-	-	-	-	-	-	"	Hydro	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Geothermal	
528.8	-	-	528.8	-	-	-	-	-	-	-	-	-	-	"	Solar PV	
1,500.5	-	-	1,500.5	-	-	-	-	-	-	-	-	-	-	"	Wind	
-	-	-	-	259,963.9	251,100.4	18,841.0	232,259.4	136,414.6	1,361.3	2,832.9	46,468.1	45,182.5	-	"	Electricity	
-	-	-	-	-	112.2	-	112.2	-	-	-	3.4	108.8	-	10³ KLOE	Solar Thermal	
-	-	-	-	22,639.7	22,639.7	5,768.6	16,871.1	16,871.1	-	-	-	-	-	10³ tonne	Heat	

Note: 1. Jet fuel includes gasoline type and kerosene type.

2. Other includes Additives/Oxygenates, Natural Gasoline, White Spirits, Paraffin Waxes, Other Petroleum Products.

3.能源供需平衡表(原始單位)

民國104年

能源種類	單位	自產	進口	出口	國際海運	國際航空	存貨變動	初級能源	產品間	損耗及統計差異
		Indigenous	Imports	Exports	Intl.Marine Bunkers	Intl.Civil Aviation	Change in Stocks	總供給 TPES	轉換(轉出) Transfers (Input)	Loss and Statistical Difference
煤及煤產品	千公乘油當量	-	43,378.6	0.8	-	-	498.1	42,879.6	-	394.0
煙煤-煉焦煤	千公噸	-	6,404.8	-	-	-	-176.1	6,580.8	-	-219.8
煙煤-燃料煤	"	-	47,797.6	-	-	-	979.7	46,817.9	-	605.6
無煙煤	"	-	348.6	0.8	-	-	-0.9	348.7	-	-14.6
亞煙煤	"	-	11,429.3	-	-	-	27.7	11,401.6	-	-16.4
焦炭	"	-	186.8	0.2	-	-	-35.2	221.8	-	170.1
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	3.7
高爐氣	"	-	-	-	-	-	-	-	-	89.2
轉爐氣	"	-	-	-	-	-	-	-	-	7.9
原油及石油產品	千公乘油當量	91.7	70,309.8	18,860.6	1,219.9	2,840.3	-214.2	47,695.0	5,733.0	-325.0
原油	千公乘	9.2	48,821.8	-	-	-	249.4	48,581.7	-	-41.9
煉油廠進料	"	82.5	-	-	-	-	0.5	82.0	-	0.0
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公乘	-	2,456.3	13.8	-	-	21.3	2,421.2	376.1	39.9
石油腦	"	-	17,885.1	63.6	-	-	-220.9	18,042.4	4,361.9	62.2
車用汽油	"	-	199.1	5,512.2	-	-	265.0	-5,578.1	106.1	-247.4
航空汽油	"	-	-	-	-	-	-	-	-	-
航空燃油 ¹	"	-	216.8	1,279.3	-	3,195.3	-14.9	-4,242.9	58.9	155.5
煤油	"	-	-	-	-	-	-0.1	0.1	-	-2.2
柴油	"	-	87.3	10,756.1	108.3	-	149.4	-10,926.7	255.9	-218.3
燃料油	"	-	1,067.0	1,002.8	1,048.8	-	-299.1	-685.5	870.0	-79.2
潤滑油	"	-	379.4	640.8	-	-	-26.0	-235.4	3.8	-
柏油	"	-	97.8	337.3	-	-	-25.7	-213.8	-	-
溶劑油	"	-	1,429.0	149.2	-	-	-29.9	1,309.6	2.6	-
石油焦	千公噸	-	50.8	524.1	-	-	24.9	-498.2	-	-
其他 ²	千公乘油當量	-	714.6	99.0	-	-	-264.0	879.6	357.9	-
天然氣	千公噸	251.7	14,354.3	-	-	-	45.1	14,560.9	15,243.0	748.7
(自產)天然氣	百萬立方公尺	373.8	-	-	-	-	77.4	296.3	-	0.8
(進口)液化天然氣	"	-	18,947.7	-	-	-	-9.3	18,957.0	20,120.7	955.6
生質能及廢棄物	千公乘油當量	1,743.3	0.1	2.7	-	-	-13.9	1,754.6	21.8	-0.8
核能	百萬度	-	36,471.1	-	-	-	-	36,471.1	-	-
水力	"	4,470.1	-	-	-	-	-	4,470.1	-	-
地熱	"	-	-	-	-	-	-	-	-	-
太陽光電	"	850.3	-	-	-	-	-	850.3	-	-
風力	"	1,525.2	-	-	-	-	-	1,525.2	-	-
電力	"	-	-	-	-	-	-	-	-	8,122.6
太陽熱能	千公乘油當量	113.5	-	-	-	-	-	113.5	-	-
熱能	千公噸	-	-	-	-	-	-	-	-	0.0

註：1.航空燃油包含汽油型及煤油型

2.其他包含添加劑/含氧化合物、天然汽油、白精油、石蠟、其他石油產品

3. Energy Balance Sheet (Original Unit)

2015

轉變投入 Transformation Input				轉變產出 Transformation Output Total	國內能源消費 Total Domestic Consumption										Unit	Energy Source
合計 Total	煉焦 及煤氣 Coke & Gas	石油煉製 Oil Refining	發電 Power Generat- ion		合計 Total	能源部門 自用 Energy Own Use	能源消費 Energy Use							非能源 Non- Energy Use		
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.				
42,047.9	12,263.7	-	29,784.3	8,198.0	8,635.8	1,286.7	7,008.3	7,008.3	-	-	-	-	-	340.7	10³ KLOE	Coal & Coal Products
6,800.6	6,800.6	-	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal
38,526.6	3,985.8	-	34,540.8	-	7,685.6	-	7,685.6	7,685.6	-	-	-	-	-	-	"	Bituminous Coal-Steam Coal
-	-	-	-	-	363.3	-	253.3	253.3	-	-	-	-	-	110.0	"	Anthracite
11,418.0	-	-	11,418.0	-	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous
5,068.2	5,068.2	-	-	6,021.4	1,004.9	-	678.4	678.4	-	-	-	-	-	326.5	"	Coke
716.3	-	-	716.3	2,897.4	2,177.3	541.1	1,636.2	1,636.2	-	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas
7,481.0	-	-	7,481.0	21,712.9	14,142.8	11,123.6	3,019.2	3,019.2	-	-	-	-	-	-	"	Blast Furnace Gas
712.6	-	-	712.6	1,387.1	666.7	355.6	311.1	311.1	-	-	-	-	-	-	"	Oxygen Steel Furnace Gas
52,122.5	-	49,004.3	3,118.1	57,026.2	47,190.7	3,254.0	18,374.7	2,279.8	13,315.2	460.0	1,069.4	1,250.4	25,562.0	10³ KLOE	Crude Oil & Petroleum Products	
48,623.6	-	48,623.6	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil
82.0	-	82.0	-	-	-	-	-	-	-	-	-	-	-	-	"	Refinery Feedstock
69.8	-	-	69.8	2,490.3	2,420.5	2,420.3	0.2	0.2	-	-	-	-	-	-	10 ⁶ m ³	Refinery Gas
-	-	-	-	2,061.8	4,067.1	89.5	2,297.2	418.5	78.2	0.5	103.9	1,696.0	1,680.5	10 ³ K.L.	L.P.G.	
-	-	-	-	10,193.6	23,811.8	-	-	-	-	-	-	-	23,811.8	"	Naphthas	
-	-	-	-	15,592.4	10,155.5	4.1	10,151.4	7.1	10,097.1	9.2	38.0	-	-	"	Motor Gasoline	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Aviation Gasoline	
-	-	-	-	4,793.4	336.1	-	336.1	1.5	107.9	-	226.8	-	-	"	Jet Fuel ¹	
-	-	-	-	3.1	5.4	0.0	5.4	0.0	-	-	5.4	-	-	"	Kerosene	
143.5	-	-	143.5	16,767.6	5,659.8	29.7	5,630.1	116.2	4,656.2	451.0	406.7	-	-	"	Diesel Oil	
2,538.7	-	-	2,538.7	6,293.3	2,278.3	111.6	2,166.7	1,726.7	61.1	28.8	350.2	-	-	"	Fuel Oil	
-	-	-	-	826.1	586.9	-	-	-	-	-	-	-	586.9	"	Lubricants	
-	-	-	-	617.1	403.2	-	-	-	-	-	-	-	403.2	"	Asphalts	
-	-	-	-	84.2	1,391.3	-	-	-	-	-	-	-	1,391.3	"	Solvents	
191.9	-	-	191.9	1,314.8	624.6	594.4	-	-	-	-	-	-	30.2	10 ³ tonne	Petroleum Coke	
330.7	-	298.8	31.9	1,200.1	1,391.2	76.2	13.4	13.4	-	-	-	-	1,301.5	10 ³ KLOE	Other ²	
11,699.6	-	44.4	11,655.2	16,023.9	2,893.5	268.9	2,624.6	1,737.4	-	2.5	348.6	536.1	-	10³ tonne	Natural Gas	
2.0	-	-	2.0	1,309.2	1,602.7	1.5	1,601.1	489.7	-	-	376.2	735.2	-	10 ⁶ m ³	(Indigenous) Natural Gas	
15,441.7	-	58.6	15,383.1	19,987.8	2,426.7	353.6	2,073.2	1,890.1	-	3.3	125.7	54.1	-	"	(Imported) L.N.G.	
1,238.6	-	-	1,238.6	-	495.0	0.0	495.0	495.0	-	-	-	-	-	10³ KLOE	Biomass and Waste	
36,471.1	-	-	36,471.1	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear	
7,505.1	-	-	7,505.1	3,035.0	-	-	-	-	-	-	-	-	-	"	Hydro	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Geothermal	
850.3	-	-	850.3	-	-	-	-	-	-	-	-	-	-	"	Solar PV	
1,525.2	-	-	1,525.2	-	-	-	-	-	-	-	-	-	-	"	Wind	
-	-	-	-	258,141.9	250,019.3	18,990.2	231,029.1	134,700.5	1,391.7	2,917.1	47,137.4	44,882.4	-	"	Electricity	
-	-	-	-	-	113.5	-	113.5	-	-	-	3.4	110.1	-	10³ KLOE	Solar Thermal	
-	-	-	-	21,915.4	21,915.4	5,713.0	16,202.4	16,202.4	-	-	-	-	-	10³ tonne	Heat	

Note: 1. Jet fuel includes gasoline type and kerosene type.

2. Other includes Additives/Oxygenates, Natural Gasoline, White Spirits, Paraffin Waxes, Other Petroleum Products.

3.能源供需平衡表(原始單位)

民國105年

能源種類	單位	自產	進口	出口	國際海運	國際航空	存貨變動	初級能源	產品間	損耗及統計差異
		Indigenous	Imports	Exports	Intl.Marine Bunkers	Intl.Civil Aviation	Change in Stocks	總供給 TPES	轉換(轉出) Transfers (Input)	Loss and Statistical Difference
煤及煤產品	千公乘油當量	-	43,037.2	1.2	-	-	391.1	42,644.9	-	-557.2
煙煤-煉焦煤	千公噸	-	6,581.5	-	-	-	67.7	6,513.7	-	-73.7
煙煤-燃料煤	"	-	46,235.7	-	-	-	-655.6	46,891.3	-	-399.0
無煙煤	"	-	284.3	1.2	-	-	-1.5	284.5	-	-36.6
亞煙煤	"	-	12,532.4	-	-	-	1,442.9	11,089.5	-	-773.9
焦炭	"	-	200.5	0.3	-	-	-7.1	207.3	-	177.6
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	0.6
高爐氣	"	-	-	-	-	-	-	-	-	232.9
轉爐氣	"	-	-	-	-	-	-	-	-	20.2
原油及石油產品	千公乘油當量	86.3	71,636.8	19,296.9	1,439.9	3,052.7	-391.9	48,325.6	4,196.3	-438.3
原油	千公乘	8.4	49,828.0	-	-	-	-156.8	49,993.3	-	-82.0
煉油廠進料	"	77.8	-	-	-	-	-0.5	78.3	-	-0.2
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公乘	-	3,126.3	7.2	-	-	-53.8	3,172.9	214.5	-0.6
石油腦	"	-	16,547.8	-	-	-	27.6	16,520.2	3,856.7	64.3
車用汽油	"	-	166.7	6,027.2	-	-	196.3	-6,056.9	16.1	-126.6
航空汽油	"	-	-	-	-	-	-	-	-	-
航空燃油 ¹	"	-	263.6	1,141.1	-	3,434.2	44.6	-4,356.3	15.1	4.8
煤油	"	-	-	-	-	-	3.3	-3.3	-	-0.8
柴油	"	-	-	10,634.9	109.8	-	-92.8	-10,652.0	33.1	-149.1
燃料油	"	-	1,772.7	1,331.1	1,253.7	-	-107.6	-704.5	278.7	-155.6
潤滑油	"	-	374.0	638.7	0.0	-	-5.7	-259.0	4.2	-
柏油	"	-	78.0	336.8	-	-	-37.1	-221.8	-	-
溶劑油	"	-	1,615.4	51.9	-	-	-8.0	1,571.5	2.2	-
石油焦	千公噸	-	45.4	508.8	-	-	27.3	-490.8	-	-
其他 ²	千公乘油當量	-	876.4	140.9	-	-	-200.4	935.9	333.8	-
天然氣	千公噸	216.5	14,957.8	-	-	-	-45.3	15,219.6	15,846.8	798.6
(自產)天然氣	百萬立方公尺	321.5	-	-	-	-	-47.9	369.4	-	0.8
(進口)液化天然氣	"	-	19,744.2	-	-	-	-17.2	19,761.5	20,917.8	1,015.4
生質能及廢棄物	千公乘油當量	1,685.9	0.1	10.3	-	-	-0.3	1,676.0	0.5	-0.1
核能	百萬度	-	31,661.4	-	-	-	-	31,661.4	-	-
水力	"	6,562.0	-	-	-	-	-	6,562.0	-	-
地熱	"	-	-	-	-	-	-	-	-	-
太陽光電	"	1,109.0	-	-	-	-	-	1,109.0	-	-
風力	"	1,457.1	-	-	-	-	-	1,457.1	-	-
電力	"	-	-	-	-	-	-	-	-	8,687.6
太陽熱能	千公乘油當量	112.1	-	-	-	-	-	112.1	-	-
熱能	千公噸	-	-	-	-	-	-	-	-	0.0

註：1.航空燃油包含汽油型及煤油型

2.其他包含添加劑/含氧化合物、天然汽油、白精油、石蠟、其他石油產品

3. Energy Balance Sheet (Original Unit)

2016

轉變投入 Transformation Input				轉變產出 Transformation Output Total	國內能源消費 Total Domestic Consumption										Unit	Energy Source
合計 Total	煉焦 及煤氣 Coke & Gas	石油煉製 Oil Refining	發電 Power Generat- ion		合計 Total	能源部門 自用 Energy Own Use	能源消費 Energy Use							非能源 Non- Energy Use		
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.				
42,884.7	12,526.5	-	30,358.3	8,491.8	8,809.2	1,333.3	7,173.5	7,173.5	-	-	-	-	-	302.4	10³ KLOE	Coal & Coal Products
6,587.5	6,587.5	-	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal
39,465.0	4,350.4	-	35,114.5	-	7,825.4	-	7,825.4	7,825.4	-	-	-	-	-	-	"	Bituminous Coal-Steam Coal
-	-	-	-	-	321.2	-	277.2	277.2	-	-	-	-	-	43.9	"	Anthracite
11,863.4	-	-	11,863.4	-	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous
5,263.8	5,263.8	-	-	6,226.4	992.3	-	648.1	648.1	-	-	-	-	-	344.2	"	Coke
704.5	-	-	704.5	3,062.6	2,357.6	606.7	1,750.9	1,750.9	-	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas
7,494.8	-	-	7,494.8	22,229.2	14,501.4	11,277.0	3,224.4	3,224.4	-	-	-	-	-	-	"	Blast Furnace Gas
727.8	-	-	727.8	1,448.4	700.5	368.7	331.7	331.7	-	-	-	-	-	-	"	Oxygen Steel Furnace Gas
53,614.2	-	50,506.5	3,107.7	56,125.0	47,078.4	3,318.3	18,454.5	2,057.9	13,701.3	454.2	978.5	1,262.7	25,305.6	10³ KLOE	Crude Oil & Petroleum Products	
50,075.3	-	50,075.3	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil
78.5	-	78.5	-	-	-	-	-	-	-	-	-	-	-	-	"	Refinery Feedstock
119.5	-	-	119.5	2,680.3	2,560.8	2,560.8	0.0	0.0	-	-	-	-	-	-	10 ⁶ m ³	Refinery Gas
-	-	-	-	2,100.9	5,059.9	128.2	2,269.0	381.2	59.5	0.6	115.0	1,712.8	2,662.7	10 ³ K.L.	L.P.G.	
-	-	-	-	9,998.0	22,597.3	-	-	-	-	-	-	-	22,597.3	"	Naphthas	
-	-	-	-	16,439.1	10,492.8	4.1	10,488.7	6.2	10,433.6	10.7	38.3	-	-	"	Motor Gasoline	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Aviation Gasoline	
-	-	-	-	4,665.9	289.7	-	289.7	1.2	119.8	-	168.7	-	-	"	Jet Fuel ¹	
-	-	-	-	9.1	6.7	0.0	6.6	-	-	-	6.6	-	-	"	Kerosene	
132.4	-	-	132.4	16,364.8	5,696.4	31.3	5,665.2	113.6	4,719.3	441.8	390.4	-	-	"	Diesel Oil	
2,500.8	-	-	2,500.8	5,386.2	2,057.8	64.3	1,993.5	1,547.3	97.4	30.1	318.6	-	-	"	Fuel Oil	
-	-	-	-	850.2	587.0	-	-	-	-	-	-	-	587.0	"	Lubricants	
-	-	-	-	618.9	397.1	-	-	-	-	-	-	-	397.1	"	Asphalts	
-	-	-	-	94.1	1,663.5	-	-	-	-	-	-	-	1,663.5	"	Solvents	
192.6	-	-	192.6	1,266.3	583.0	555.1	-	-	-	-	-	-	27.9	10 ³ tonne	Petroleum Coke	
375.4	-	352.7	22.7	977.6	1,204.3	59.0	14.0	14.0	-	-	-	-	1,131.4	10 ³ KLOE	Other ²	
12,288.5	-	10.6	12,277.8	16,680.2	2,965.9	184.1	2,781.8	1,869.3	-	2.9	359.6	550.0	-	10³ tonne	Natural Gas	
2.2	-	-	2.2	1,300.9	1,667.2	1.4	1,665.8	525.1	-	-	385.6	755.0	-	10 ⁶ m ³	(Indigenous) Natural Gas	
16,218.8	-	14.1	16,204.8	20,861.6	2,471.0	241.7	2,229.3	2,038.8	-	3.8	131.9	54.8	-	"	(Imported) L.N.G.	
1,218.7	-	-	1,218.7	-	456.9	-	456.9	456.9	-	-	-	-	-	10³ KLOE	Biomass and Waste	
31,661.4	-	-	31,661.4	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear	
9,855.7	-	-	9,855.7	3,293.7	-	-	-	-	-	-	-	-	-	"	Hydro	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Geothermal	
1,109.0	-	-	1,109.0	-	-	-	-	-	-	-	-	-	-	"	Solar PV	
1,457.1	-	-	1,457.1	-	-	-	-	-	-	-	-	-	-	"	Wind	
-	-	-	-	264,107.7	255,420.1	18,914.7	236,505.3	136,890.1	1,402.2	2,922.7	47,957.9	47,332.4	-	"	Electricity	
-	-	-	-	-	112.1	-	112.1	-	-	-	3.4	108.8	-	10³ KLOE	Solar Thermal	
-	-	-	-	21,160.4	21,160.4	5,364.5	15,795.9	15,795.9	-	-	-	-	-	10³ tonne	Heat	

Note: 1. Jet fuel includes gasoline type and kerosene type.

2. Other includes Additives/Oxygenates, Natural Gasoline, White Spirits, Paraffin Waxes, Other Petroleum Products.

3.能源供需平衡表(原始單位)

民國106年

能源種類	單位	自產	進口	出口	國際海運	國際航空	存貨變動	初級能源	產品間	損耗及統計差異
		Indigenous	Imports	Exports	Intl.Marine Bunkers	Intl.Civil Aviation	Change in Stocks	總供給 TPES	轉換(轉出) Transfers (Input)	Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	44,246.8	36.5	-	-	151.0	44,059.4	-	-41.9
煙煤-煉焦煤	千公噸	-	6,599.1	-	-	-	-197.2	6,796.3	-	-48.5
煙煤-燃料煤	"	-	48,462.0	-	-	-	49.5	48,412.4	-	-316.3
無煙煤	"	-	225.6	1.4	-	-	32.5	191.7	-	-116.2
亞煙煤	"	-	12,304.2	-	-	-	470.2	11,833.9	-	369.0
焦炭	"	-	273.5	45.5	-	-	-8.2	236.2	-	56.6
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	0.2
高爐氣	"	-	-	-	-	-	-	-	-	115.3
轉爐氣	"	-	-	-	-	-	-	-	-	8.4
原油及石油產品	千公秉油當量	88.1	70,950.1	19,191.9	1,345.6	3,164.6	-390.5	47,726.6	4,219.2	-140.9
原油	千公秉	5.4	49,472.4	-	-	-	274.8	49,203.0	-	-19.9
煉油廠進料	"	82.7	-	-	-	-	-0.1	82.8	-	0.0
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公秉	-	2,288.6	47.5	-	-	-55.6	2,296.7	176.3	0.7
石油腦	"	-	16,217.3	-	-	-	57.3	16,159.9	3,775.2	53.5
車用汽油	"	-	168.9	5,630.6	0.2	-	-327.4	-5,134.5	30.1	-116.3
航空汽油	"	-	-	-	-	-	-	-	-	-
航空燃油 ¹	"	-	133.1	1,037.8	-	3,560.2	-13.7	-4,451.2	13.5	-60.1
煤油	"	-	-	-	-	-	-4.4	4.4	-	2.5
柴油	"	-	46.2	9,865.8	117.0	-	169.0	-10,105.7	31.1	40.4
燃料油	"	-	2,589.6	1,621.7	1,158.8	-	-28.6	-162.4	411.0	-50.4
潤滑油	"	-	331.3	712.5	-	-	27.9	-409.1	0.7	-
柏油	"	-	172.3	250.2	-	-	-46.1	-31.9	-	-
溶劑油	"	-	1,491.4	323.2	-	-	2.4	1,165.8	3.0	-
石油焦	千公噸	-	55.4	542.1	-	-	-8.0	-478.7	-	-
其他 ²	千公秉油當量	-	694.8	586.5	0.1	-	-474.6	582.8	308.4	-
天然氣	千公噸	178.9	16,645.3	-	-	-	89.7	16,734.5	17,698.1	205.0
(自產)天然氣	百萬立方公尺	265.7	-	-	-	-	129.6	136.1	-	0.7
(進口)液化天然氣	"	-	21,971.8	-	-	-	3.1	21,968.6	23,361.5	253.4
生質能及廢棄物	千公秉油當量	1,621.8	0.1	5.1	-	-	-0.6	1,617.3	0.1	0.1
核能	百萬度	-	22,445.5	-	-	-	-	22,445.5	-	-
水力	"	5,446.8	-	-	-	-	-	5,446.8	-	-
地熱	"	-	-	-	-	-	-	-	-	-
太陽光電	"	1,667.5	-	-	-	-	-	1,667.5	-	-
風力	"	1,722.5	-	-	-	-	-	1,722.5	-	-
電力	"	-	-	-	-	-	-	-	-	8,861.8
太陽熱能	千公秉油當量	113.1	-	-	-	-	-	113.1	-	-
熱能	千公噸	-	-	-	-	-	-	-	-	0.0

註：1.航空燃油包含汽油型及煤油型

2.其他包含添加劑/含氧化合物、天然汽油、白精油、石蠟、其他石油產品

3. Energy Balance Sheet (Original Unit)

2017

轉變投入 Transformation Input				轉變產出 Transformation Output Total	國內能源消費 Total Domestic Consumption										Unit	Energy Source
合計 Total	煉焦 及煤氣 Coke & Gas	石油煉製 Oil Refining	發電 Power Generat- ion		合計 Total	能源部門 自用 Energy Own Use	能源消費 Energy Use							非能源 Non- Energy Use		
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.				
44,023.2	12,181.3	-	31,841.9	8,227.3	8,305.4	1,264.6	6,698.1	6,698.1	-	-	-	-	-	342.7	10³ KLOE	Coal & Coal Products
6,844.8	6,844.8	-	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal
41,508.8	3,696.1	-	37,812.7	-	7,219.9	-	7,219.9	7,219.9	-	-	-	-	-	-	"	Bituminous Coal-Steam Coal
-	-	-	-	-	307.9	-	287.0	287.0	-	-	-	-	-	20.9	"	Anthracite
11,464.9	-	-	11,464.9	-	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous
5,200.8	5,200.8	-	-	6,055.8	1,034.6	-	615.2	615.2	-	-	-	-	-	419.4	"	Coke
678.0	-	-	678.0	2,926.8	2,248.6	534.3	1,714.3	1,714.3	-	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas
7,617.0	-	-	7,617.0	21,564.8	13,832.5	10,892.6	2,940.0	2,940.0	-	-	-	-	-	-	"	Blast Furnace Gas
727.9	-	-	727.9	1,395.1	658.8	360.5	298.2	298.2	-	-	-	-	-	-	"	Oxygen Steel Furnace Gas
52,849.6	-	49,593.2	3,256.4	55,376.6	46,175.3	3,126.1	18,147.0	1,964.1	13,548.3	427.4	995.4	1,211.8	24,902.2	10³ KLOE	Crude Oil & Petroleum Products	
49,222.8	-	49,222.8	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil
82.8	-	82.8	-	-	-	-	-	-	-	-	-	-	-	-	"	Refinery Feedstock
99.3	-	-	99.3	2,412.4	2,313.1	2,313.1	0.0	0.0	-	-	-	-	-	-	10 ⁶ m ³	Refinery Gas
-	-	-	-	1,948.5	4,068.2	209.9	2,255.9	423.7	53.8	0.6	134.1	1,643.7	1,602.4	10 ³ K.L.	L.P.G.	
-	-	-	-	10,837.0	23,168.2	-	-	-	-	-	-	-	-	23,168.2	"	Naphthas
-	-	-	-	15,336.4	10,288.1	4.1	10,284.1	6.1	10,228.3	10.5	39.1	-	-	-	"	Motor Gasoline
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Aviation Gasoline
-	-	-	-	4,730.1	325.5	-	325.5	1.0	122.1	-	202.4	-	-	-	"	Jet Fuel ¹
-	-	-	-	2.3	4.1	-	4.1	0.0	-	-	4.1	-	-	-	"	Kerosene
143.7	-	-	143.7	16,002.0	5,681.1	33.0	5,648.2	110.4	4,753.2	408.7	375.9	-	-	-	"	Diesel Oil
2,736.5	-	-	2,736.5	5,205.0	1,945.5	77.3	1,868.3	1,433.6	93.1	34.1	307.5	-	-	-	"	Fuel Oil
-	-	-	-	936.6	526.8	-	-	-	-	-	-	-	526.8	"	Lubricants	
-	-	-	-	509.8	478.0	-	-	-	-	-	-	-	478.0	"	Asphalts	
-	-	-	-	87.4	1,250.2	-	-	-	-	-	-	-	1,250.2	"	Solvents	
96.8	-	-	96.8	1,174.9	599.4	546.7	-	-	-	-	-	-	52.8	10 ³ tonne	Petroleum Coke	
304.2	-	287.5	16.7	1,437.0	1,407.2	46.0	13.3	13.3	-	-	-	-	1,347.9	10 ³ KLOE	Other ²	
13,525.0	-	30.9	13,494.2	17,963.3	3,269.7	261.1	3,008.6	2,093.5	-	2.8	367.3	545.1	-	10³ tonne	Natural Gas	
2.2	-	-	2.2	1,567.0	1,700.2	1.3	1,698.9	555.6	-	-	395.4	747.9	-	10 ⁶ m ³	(Indigenous) Natural Gas	
17,851.1	-	40.7	17,810.4	22,318.6	2,821.2	343.5	2,477.8	2,286.1	-	3.7	133.3	54.7	-	"	(Imported) L.N.G.	
1,184.8	-	-	1,184.8	-	432.3	-	432.3	432.3	-	-	-	-	-	10³ KLOE	Biomass and Waste	
22,445.5	-	-	22,445.5	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear	
8,780.5	-	-	8,780.5	3,333.7	-	-	-	-	-	-	-	-	-	"	Hydro	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Geothermal	
1,667.5	-	-	1,667.5	-	-	-	-	-	-	-	-	-	-	"	Solar PV	
1,722.5	-	-	1,722.5	-	-	-	-	-	-	-	-	-	-	"	Wind	
-	-	-	-	270,256.4	261,394.6	19,852.6	241,542.0	141,111.6	1,463.8	3,037.0	48,317.4	47,612.3	-	"	Electricity	
-	-	-	-	-	113.1	-	113.1	-	-	-	3.4	109.7	-	10³ KLOE	Solar Thermal	
-	-	-	-	20,314.5	20,314.5	5,091.3	15,223.2	15,223.2	-	-	-	-	-	10³ tonne	Heat	

Note: 1. Jet fuel includes gasoline type and kerosene type.

2. Other includes Additives/Oxygenates, Natural Gasoline, White Spirits, Paraffin Waxes, Other Petroleum Products.

3.能源供需平衡表(原始單位)

民國107年

能源種類	單位	自產	進口	出口	國際海運	國際航空	存貨變動	初級能源	產品間	損耗及統計差異
		Indigenous	Imports	Exports	Intl.Marine Bunkers	Intl.Civil Aviation	Change in Stocks	總供給 TPES	轉換(轉出) Transfers (Input)	Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	43,755.2	19.7	-	-	-558.0	44,293.4	-	297.5
煙煤-煉焦煤	千公噸	-	7,069.5	-	-	-	2.4	7,067.1	-	282.3
煙煤-燃料煤	"	-	47,616.5	-	-	-	-589.1	48,205.6	-	-814.7
無煙煤	"	-	261.1	1.4	-	-	-5.6	265.3	-	-21.2
亞煙煤	"	-	11,566.1	-	-	-	-313.1	11,879.2	-	961.1
焦炭	"	-	300.5	24.0	-	-	0.7	275.8	-	25.6
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	0.0
高爐氣	"	-	-	-	-	-	-	-	-	144.5
轉爐氣	"	-	-	-	-	-	-	-	-	13.7
原油及石油產品	千公秉油當量	79.0	71,526.1	20,503.8	1,306.9	3,234.0	-538.1	47,098.5	3,744.5	-71.0
原油	千公秉	4.7	51,075.1	-	-	-	-534.1	51,613.9	-	-2.7
煉油廠進料	"	74.3	-	-	-	-	-1.2	75.4	-	0.1
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公秉	-	3,163.2	145.5	-	-	91.4	2,926.3	239.5	0.2
石油腦	"	-	14,847.5	-	-	-	144.8	14,702.7	3,521.3	85.9
車用汽油	"	-	133.1	5,310.5	-	-	85.2	-5,262.7	36.8	-121.0
航空汽油	"	-	-	-	-	-	-	-	-	-
航空燃油 ¹	"	-	185.7	1,200.3	-	3,638.2	1.4	-4,654.2	50.9	100.8
煤油	"	-	-	-	-	-	1.0	-1.0	0.0	0.0
柴油	"	-	-	11,242.5	147.2	-	132.6	-11,522.3	47.7	-110.3
燃料油	"	-	2,244.4	1,960.8	1,093.3	-	-197.2	-612.5	364.8	-23.2
潤滑油	"	-	352.7	566.4	-	-	1.7	-215.4	0.5	-
柏油	"	-	107.7	234.0	-	-	-8.6	-117.7	-	-
溶劑油	"	-	1,636.8	125.4	3.3	-	-6.1	1,514.1	1.7	-
石油焦	千公噸	-	46.6	626.2	-	-	2.9	-582.5	-	-
其他 ²	千公秉油當量	-	529.0	592.3	0.3	-	-174.6	111.0	3.2	-
天然氣	千公噸	133.1	16,993.0	-	-	-	232.2	16,893.9	18,042.0	-21.0
(自產)天然氣	百萬立方公尺	197.6	-	-	-	-	150.3	47.3	-	0.7
(進口)液化天然氣	"	-	22,430.8	-	-	-	172.9	22,257.9	23,815.4	-28.4
生質能及廢棄物	千公秉油當量	1,683.1	8.9	-	-	-	-	1,692.0	0.1	-
核能	百萬度	-	27,682.4	-	-	-	-	27,682.4	-	-
水力	"	4,481.6	-	-	-	-	-	4,481.6	-	-
地熱	"	0.0	-	-	-	-	-	0.0	-	-
太陽光電	"	2,712.0	-	-	-	-	-	2,712.0	-	-
風力	"	1,706.8	-	-	-	-	-	1,706.8	-	-
電力	"	-	-	-	-	-	-	-	-	8,981.4
太陽熱能	千公秉油當量	104.7	-	-	-	-	-	104.7	-	-
熱能	千公噸	-	-	-	-	-	-	-	-	-

註：1.航空燃油包含汽油型及煤油型

2.其他包含添加劑/含氧化合物、天然汽油、白精油、石蠟、其他石油產品

3. Energy Balance Sheet (Original Unit)

2018

轉變投入 Transformation Input				轉變產出 Transformation Output Total	國內能源消費 Total Domestic Consumption										Unit	Energy Source
合計 Total	煉焦 及煤氣 Coke & Gas	石油煉製 Oil Refining	發電 Power Generat- ion		合計 Total	能源部門 自用 Energy Own Use	能源消費 Energy Use							非能源 Non- Energy Use		
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.				
45,357.6	12,462.7	-	32,894.9	8,602.1	7,240.4	1,276.7	5,544.1	5,544.1	-	-	-	-	-	419.6	10³ KLOE	Coal & Coal Products
6,784.8	6,784.8	-	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal
43,581.2	3,852.1	-	39,729.1	-	5,439.1	-	5,439.1	5,439.1	-	-	-	-	-	-	"	Bituminous Coal-Steam Coal
-	-	-	-	-	286.5	-	221.0	221.0	-	-	-	-	-	65.5	"	Anthracite
10,918.0	-	-	10,918.0	-	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous
5,470.5	5,470.5	-	-	6,344.6	1,124.3	-	651.2	651.2	-	-	-	-	-	473.1	"	Coke
719.4	-	-	719.4	3,094.9	2,375.5	545.6	1,829.9	1,829.9	-	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas
8,073.9	-	-	8,073.9	22,379.1	14,160.6	11,008.8	3,151.9	3,151.9	-	-	-	-	-	-	"	Blast Furnace Gas
740.3	-	-	740.3	1,401.5	647.5	345.1	302.4	302.4	-	-	-	-	-	-	"	Oxygen Steel Furnace Gas
54,355.4	-	52,045.1	2,310.4	57,910.4	46,979.9	3,296.5	17,718.3	1,964.0	13,174.4	537.7	853.2	1,189.0	25,965.1	10³ KLOE	Crude Oil & Petroleum Products	
51,616.6	-	51,616.6	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil
75.3	-	75.3	-	-	-	-	-	-	-	-	-	-	-	-	"	Refinery Feedstock
286.1	-	-	286.1	2,943.3	2,657.2	2,482.9	174.3	174.3	-	-	-	-	-	-	10 ⁶ m ³	Refinery Gas
-	-	-	-	2,163.2	4,849.7	193.8	2,232.0	419.1	43.5	-	156.6	1,612.8	2,423.8	10 ³ K.L.	L.P.G.	
-	-	-	-	12,291.5	23,386.9	-	-	-	-	-	-	-	-	23,386.9	"	Naphthas
-	-	-	-	15,189.3	10,010.8	4.1	10,006.8	5.9	9,950.1	10.3	40.4	-	-	-	"	Motor Gasoline
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Aviation Gasoline
-	-	-	-	5,113.4	307.5	-	307.5	0.9	122.1	-	184.5	-	-	-	"	Jet Fuel ¹
-	-	-	-	5.8	4.7	0.0	4.7	-	-	-	4.7	-	-	-	"	Kerosene
97.1	-	-	97.1	17,241.2	5,684.5	32.6	5,651.9	114.3	4,679.5	538.1	320.1	-	-	-	"	Diesel Oil
1,717.9	-	-	1,717.9	4,385.3	1,713.4	100.8	1,612.6	1,326.7	40.2	24.9	220.8	-	-	-	"	Fuel Oil
-	-	-	-	767.1	551.3	-	-	-	-	-	-	-	551.3	"	Lubricants	
-	-	-	-	587.2	469.4	-	-	-	-	-	-	-	469.4	"	Asphalts	
-	-	-	-	51.2	1,563.5	-	-	-	-	-	-	-	1,563.5	"	Solvents	
104.9	-	-	104.9	1,276.3	588.9	552.7	-	-	-	-	-	-	36.1	10 ³ tonne	Petroleum Coke	
368.0	-	353.1	14.9	1,625.7	1,365.4	28.3	12.0	12.0	-	-	-	-	1,325.1	10 ³ KLOE	Other ²	
13,496.1	-	56.1	13,440.0	18,187.5	3,564.3	287.7	3,276.7	2,331.0	-	3.3	350.0	592.4	-	10³ tonne	Natural Gas	
0.7	-	-	0.7	1,752.2	1,798.1	1.8	1,796.3	606.7	-	-	378.9	810.7	-	10 ⁶ m ³	(Indigenous) Natural Gas	
17,814.2	-	74.0	17,740.2	22,450.0	3,106.6	378.1	2,728.5	2,537.6	-	4.4	125.1	61.4	-	"	(Imported) L.N.G.	
1,254.2	-	-	1,254.2	-	437.6	-	437.6	437.6	-	-	-	-	-	-	10³ KLOE	Biomass and Waste
27,682.4	-	-	27,682.4	-	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear
7,852.4	-	-	7,852.4	3,370.8	-	-	-	-	-	-	-	-	-	-	"	Hydro
0.0	-	-	0.0	-	-	-	-	-	-	-	-	-	-	-	"	Geothermal
2,712.0	-	-	2,712.0	-	-	-	-	-	-	-	-	-	-	-	"	Solar PV
1,706.8	-	-	1,706.8	-	-	-	-	-	-	-	-	-	-	-	"	Wind
-	-	-	-	275,548.9	266,567.6	19,177.7	247,389.9	148,960.9	1,468.7	2,960.8	47,120.1	46,879.3	-	-	"	Electricity
-	-	-	-	-	104.7	-	104.7	-	-	-	3.1	101.6	-	-	10³ KLOE	Solar Thermal
-	-	-	-	31,388.1	31,388.1	7,007.2	24,381.0	24,367.5	-	-	13.5	-	-	-	10³ tonne	Heat

Note: 1. Jet fuel includes gasoline type and kerosene type.

2. Other includes Additives/Oxygenates, Natural Gasoline, White Spirits, Paraffin Waxes, Other Petroleum Products.

3.能源供需平衡表(原始單位)

民國108年

能源種類	單位	自產	進口	出口	國際海運	國際航空	存貨變動	初級能源	產品間	損耗及統計差異
		Indigenous	Imports	Exports	Intl.Marine Bunkers	Intl.Civil Aviation	Change in Stocks	總供給 TPES	轉換(轉出) Transfers (Input)	Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	44,303.8	16.0	-	-	874.0	43,413.8	-	1,273.7
煙煤-煉焦煤	千公噸	-	7,168.3	-	-	-	190.7	6,977.6	-	694.8
煙煤-燃料煤	"	-	48,069.8	-	-	-	872.2	47,197.7	-	-422.4
無煙煤	"	-	343.7	1.4	-	-	-7.0	349.2	-	103.9
亞煙煤	"	-	11,750.5	-	-	-	245.0	11,505.5	-	1,279.3
焦炭	"	-	259.8	19.2	-	-	39.2	201.4	-	144.9
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	0.0
高爐氣	"	-	-	-	-	-	-	-	-	88.1
轉爐氣	"	-	-	-	-	-	-	-	-	8.8
原油及石油產品	千公秉油當量	76.5	69,546.6	21,783.2	1,444.4	3,342.8	-655.1	43,707.8	3,380.0	-464.0
原油	千公秉	3.9	51,570.4	-	-	-	-93.4	51,667.6	-	-7.1
煉油廠進料	"	72.6	-	-	-	-	0.2	72.4	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公秉	-	3,170.3	59.5	-	-	-55.4	3,166.2	147.6	3.0
石油腦	"	-	13,152.8	907.7	-	-	-48.2	12,293.3	3,374.9	70.6
車用汽油	"	-	245.8	4,710.8	-	-	-39.0	-4,426.0	32.1	-65.8
航空汽油	"	-	-	-	-	-	-	-	-	-
航空燃油 ¹	"	-	45.0	1,166.2	-	3,760.7	-105.4	-4,776.5	7.5	29.1
煤油	"	-	-	-	-	-	-0.5	0.5	-	-0.0
柴油	"	-	-	11,874.2	249.8	-	-153.3	-11,970.7	25.1	-102.6
燃料油	"	-	1,295.7	1,850.1	1,133.6	-	-242.0	-1,445.9	267.2	-368.8
潤滑油	"	-	320.9	733.5	-	-	-37.1	-375.4	0.4	-
柏油	"	-	94.7	265.8	-	-	-5.4	-165.6	-	-
溶劑油	"	-	1,897.8	289.7	2.0	-	5.3	1,600.8	0.9	-
石油焦	千公噸	-	37.0	682.5	-	-	12.0	-657.6	-	-
其他 ²	千公秉油當量	-	373.4	810.5	0.2	-	79.7	-517.1	2.2	-
天然氣	千公噸	112.6	16,722.3	-	-	-	192.8	16,642.1	17,913.0	34.8
(自產)天然氣	百萬立方公尺	167.2	-	-	-	-	183.5	-16.2	-	0.7
(進口)液化天然氣	"	-	22,073.4	-	-	-	91.4	21,982.0	23,645.2	45.4
生質能及廢棄物	千公秉油當量	1,689.0	7.5	-	-	-	-0.0	1,696.5	0.1	0.0
核能	百萬度	-	32,323.4	-	-	-	-	32,323.4	-	-
水力	"	5,544.8	-	-	-	-	-	5,544.8	-	-
地熱	"	0.8	-	-	-	-	-	0.8	-	-
太陽光電	"	4,014.3	-	-	-	-	-	4,014.3	-	-
風力	"	1,892.2	-	-	-	-	-	1,892.2	-	-
電力	"	-	-	-	-	-	-	-	-	8,473.6
太陽熱能	千公秉油當量	101.1	-	-	-	-	-	101.1	-	-
熱能	千公噸	-	-	-	-	-	-	-	-	-0.0

註：1.航空燃油包含汽油型及煤油型

2.其他包含添加劑/含氧化合物、天然汽油、白精油、石蠟、其他石油產品

3. Energy Balance Sheet (Original Unit)

2019

轉變投入 Transformation Input				轉變產出 Transformation Output Total	國內能源消費 Total Domestic Consumption										Unit	Energy Source
合計 Total	煉焦 及煤氣 Coke & Gas	石油煉製 Oil Refining	發電 Power Generat- ion		合計 Total	能源部門 自用 Energy Own Use	能源消費 Energy Use							非能源 Non- Energy Use		
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.				
43,357.8	11,840.8	-	31,517.0	8,449.3	7,231.6	1,311.7	5,564.7	5,564.7	-	-	-	-	-	355.2	10³ KLOE	Coal & Coal Products
6,282.8	6,282.8	-	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal
41,992.0	3,779.2	-	38,212.8	-	5,628.1	-	5,628.1	5,628.1	-	-	-	-	-	-	"	Bituminous Coal-Steam Coal
-	-	-	-	-	245.3	-	156.1	156.1	-	-	-	-	-	89.3	"	Anthracite
10,226.2	-	-	10,226.2	-	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous
5,244.7	5,244.7	-	-	6,174.8	986.6	-	620.5	620.5	-	-	-	-	-	366.1	"	Coke
772.5	-	-	772.5	3,094.8	2,322.3	563.8	1,758.6	1,758.6	-	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas
7,702.5	-	-	7,702.5	22,265.1	14,474.5	11,330.9	3,143.6	3,143.6	-	-	-	-	-	-	"	Blast Furnace Gas
689.2	-	-	689.2	1,349.0	651.0	338.7	312.3	312.3	-	-	-	-	-	-	"	Oxygen Steel Furnace Gas
53,613.7	-	51,948.0	1,665.7	57,331.2	44,509.3	3,339.8	17,408.2	1,561.0	13,259.1	538.5	859.3	1,190.3	23,761.4	10³ KLOE	Crude Oil & Petroleum Products	
51,674.7	-	51,674.7	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil
72.4	-	72.4	-	-	-	-	-	-	-	-	-	-	-	-	"	Refinery Feedstock
309.6	-	-	309.6	2,976.8	2,667.2	2,526.9	140.4	140.4	-	-	-	-	-	-	10 ⁶ m ³	Refinery Gas
-	-	-	-	1,970.1	4,985.7	248.2	2,177.2	365.8	35.1	-	161.8	1,614.6	2,560.3	10 ³ K.L.	L.P.G.	
-	-	-	-	12,136.7	20,984.5	-	-	-	-	-	-	-	20,984.5	"	Naphthas	
-	-	-	-	14,422.7	10,030.4	4.0	10,026.4	5.8	9,967.9	11.2	41.5	-	-	"	Motor Gasoline	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Aviation Gasoline	
-	-	-	-	5,143.9	330.8	-	330.8	1.0	117.1	-	212.6	-	-	"	Jet Fuel ¹	
-	-	-	-	2.3	2.7	0.0	2.7	-	-	-	2.7	-	-	"	Kerosene	
83.3	-	-	83.3	17,781.2	5,804.6	37.0	5,767.6	112.7	4,767.9	534.4	352.6	-	-	"	Diesel Oil	
1,201.3	-	-	1,201.3	3,878.0	1,332.4	87.5	1,244.9	1,007.1	37.7	28.2	171.9	-	-	"	Fuel Oil	
-	-	-	-	923.5	547.6	-	-	-	-	-	-	-	547.6	"	Lubricants	
-	-	-	-	619.0	453.4	-	-	-	-	-	-	-	453.4	"	Asphalts	
-	-	-	-	54.1	1,654.0	-	-	-	-	-	-	-	1,654.0	"	Solvents	
-	-	-	-	1,228.1	570.5	519.5	-	-	-	-	-	-	51.1	10 ³ tonne	Petroleum Coke	
213.9	-	200.9	13.0	1,799.2	1,066.0	26.5	11.9	11.9	-	-	-	-	1,027.5	10 ³ KLOE	Other ²	
13,078.6	-	80.6	12,998.0	18,041.1	3,656.8	298.8	3,358.0	2,413.0	-	3.1	354.5	587.3	-	10³ tonne	Natural Gas	
2.7	-	-	2.7	1,871.1	1,851.4	21.7	1,829.7	642.5	-	-	384.6	802.6	-	10 ⁶ m ³	(Indigenous) Natural Gas	
17,261.3	-	106.3	17,155.0	22,151.1	3,181.3	375.2	2,806.1	2,614.1	-	4.1	126.1	61.8	-	"	(Imported) L.N.G.	
1,266.9	-	-	1,266.9	-	429.5	-	429.5	429.5	0.0	-	-	-	-	10³ KLOE	Biomass and Waste	
32,323.4	-	-	32,323.4	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear	
8,752.9	-	-	8,752.9	3,208.1	-	-	-	-	-	-	-	-	-	"	Hydro	
0.8	-	-	0.8	-	-	-	-	-	-	-	-	-	-	"	Geothermal	
4,014.3	-	-	4,014.3	-	-	-	-	-	-	-	-	-	-	"	Solar PV	
1,892.2	-	-	1,892.2	-	-	-	-	-	-	-	-	-	-	"	Wind	
-	-	-	-	274,058.7	265,585.1	19,571.9	246,013.2	147,542.9	1,492.9	3,045.3	46,742.6	47,189.5	-	"	Electricity	
-	-	-	-	-	101.1	-	101.1	-	-	-	3.0	98.0	-	10³ KLOE	Solar Thermal	
-	-	-	-	29,043.2	29,043.2	6,598.9	22,444.2	22,430.3	-	-	13.9	-	-	10³ tonne	Heat	

Note: 1. Jet fuel includes gasoline type and kerosene type.

2. Other includes Additives/Oxygenates, Natural Gasoline, White Spirits, Paraffin Waxes, Other Petroleum Products.