

3.能源供需平衡表(原始單位)

民國94年

能源種類	單位	自產 Indigenous	進口 Imports	出口 Exports	國際海運 Intl.Marine Bunkers	國際航空 Intl.Civil Aviation	存貨變動 Change in Stocks	初級能源 總供給 TPES	產品間 轉換(轉出) Transfers (Input)	損耗及統計差異 Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	39,750.2	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	千公秉油當量	64.8	70,741.4	17,181.9	2,720.2	2,271.7	638.0	47,994.4	7,399.7	-1,895.9
原油	千公秉	32.4	60,639.9	-	-	-	435.7	60,236.6	-	-242.3
煉油廠進料	千公秉油當量	32.4	-	-	-	-	-	32.4	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公秉	-	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	193.5	-4,820.4	19.5	-150.9
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	千公秉油當量	-	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	7,841.7	-114.4
(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	10,351.0	-145.9
生質能及廢棄物	千公秉油當量	1,595.0	-	-	-	-	-	1,595.0	-	-
核能	百萬度	-	39,972.0	-	-	-	-	39,972.0	-	-
水力	"	4,071.4	-	-	-	-	-	4,071.4	-	-
地熱	"	-	-	-	-	-	-	-	-	-
太陽光電	"	1.0	-	-	-	-	-	1.0	-	-
風力	"	91.3	-	-	-	-	-	91.3	-	-
電力	"	-	-	-	-	-	-	-	-	9,054.7
太陽熱能	千公秉油當量	97.5	-	-	-	-	-	97.5	-	-
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)

2005

轉變投入 Transformation Input				轉變產出	國內能源消費 Total Domestic Consumption										Unit	Energy Source
合 計	煉焦 及煤氣	石油煉製	發 電		合計	合計	能源部門 自用	能源消費 Energy Use						非能源		
								小計	工業	運輸	農業	服務	住宅			
Total	及煤氣 Coke& Gas	Oil Refining	Power Generat- ion	Transformation Output Total	Total	Energy Own Use	Sub-total	Ind.	Trans.	Agr.	Ser.	Res.	Non- Energy Use			
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	10 ³ 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	10 ³ KLOE	Crude Oil & Petroleum Products	
60,479.0	-	60,479.0	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
32.4	-	32.4	-	-	-	-	-	-	-	-	-	-	-	10 ³ KLOE	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	-	10 ³ 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	-	-	-	-	-	10 ³ KLOE	Biomass and Waste	
39,972.0	-	-	39,972.0	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear	
7,909.9	-	-	7,909.9	3,838.5	-	-	-	-	-	-	-	-	-	"	Hydro	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Geothermal	
1.0	-	-	1.0	-	-	-	-	-	-	-	-	-	-	"	Solar PV	
91.3	-	-	91.3	-	-	-	-	-	-	-	-	-	-	"	Wind	
-	-	-	-	227,512.3	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	-	10 ³ KLOE	Solar Thermal	
-	-	-	-	14,872.0	14,872.0	4,041.8	10,830.2	10,830.2	-	-	-	-	-	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95年

能源種類	單位	自產 Indigenous	進口 Imports	出口 Exports	國際海運 Intl.Marine Bunkers	國際航空 Intl.Civil Aviation	存貨變動 Change in Stocks	初級能源 總供給 TPES	產品間 轉換(轉出) Transfers (Input)	損耗及統計差異 Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	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	千公秉油當量	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	千公秉	23.6	57,999.1	-	-	-	325.7	57,697.0	-	-351.6
煉油廠進料	千公秉油當量	39.1	-	-	-	-	-	39.1	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公秉	-	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	千公秉油當量	-	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	千公秉油當量	1,628.1	-	-	-	-	0.3	1,627.9	0.4	-
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	千公秉油當量	102.4	-	-	-	-	-	102.4	-	-
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)

2006

轉變投入 Transformation Input				轉變產出 合計 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	10 ³ 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	65,132.8	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	10 ³ KLOE	Crude Oil & Petroleum Products	
58,048.6	-	58,048.6	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
39.1	-	39.1	-	-	-	-	-	-	-	-	-	-	-	10 ³ KLOE	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	-	10 ³ 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	-	-	-	-	-	10 ³ 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	-	10 ³ KLOE	Solar Thermal	
-	-	-	-	17,396.4	17,396.4	4,624.8	12,771.5	12,771.5	-	-	-	-	-	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96年

能源種類	單位	自產 Indigenous	進口 Imports	出口 Exports	國際海運 Intl.Marine Bunkers	國際航空 Intl.Civil Aviation	存貨變動 Change in Stocks	初級能源 總供給 TPES	產品間 轉換(轉出) Transfers (Input)	損耗及統計差異 Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	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	千公秉油當量	66.9	75,399.6	19,487.7	2,401.0	2,336.4	327.7	50,913.7	7,784.5	-848.3
原油	千公秉	17.8	57,473.3	-	-	-	594.0	56,897.1	-	-679.8
煉油廠進料	千公秉油當量	49.1	-	-	-	-	-	49.1	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公秉	-	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	千公秉油當量	-	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	千公秉油當量	1,688.9	0.1	-	-	-	0.0	1,688.9	0.7	0.0
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	千公秉油當量	105.5	-	-	-	-	-	105.5	-	-
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)

2007

轉變投入 Transformation Input				轉變產出 合計 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.				
40,781.0	8,425.4	-	32,355.6	5,781.0	7,716.4	920.8	6,399.1	6,399.1	-	-	-	-	396.6	10 ³ 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	65,608.2	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	10 ³ KLOE	Crude Oil & Petroleum Products	
57,577.0	-	57,577.0	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
49.1	-	49.1	-	-	-	-	-	-	-	-	-	-	-	10 ³ KLOE	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	-	10 ³ 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	-	-	-	-	-	10 ³ 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	-	10 ³ KLOE	Solar Thermal	
-	-	-	-	23,758.2	23,758.2	6,387.1	17,371.1	17,371.1	-	-	-	-	-	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97年

能源種類	單位	自產 Indigenous	進口 Imports	出口 Exports	國際海運 Intl.Marine Bunkers	國際航空 Intl.Civil Aviation	存貨變動 Change in Stocks	初級能源 總供給 TPES	產品間 轉換(轉出) Transfers (Input)	損耗及統計差異 Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	42,188.3	69.6	-	-	777.0	41,341.7	-	487.6
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	-	-	-	877.7	51,024.1	-	875.6
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	千公秉油當量	91.8	70,614.1	18,984.7	2,068.1	2,062.3	-270.7	47,861.3	7,488.7	-134.8
原油	千公秉	16.1	52,944.9	-	-	-	710.1	52,250.9	-	-122.1
煉油廠進料	千公秉油當量	75.7	-	-	-	-	-	75.7	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公秉	-	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	66.4
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	千公秉油當量	-	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	千公秉油當量	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	千公秉油當量	109.5	-	-	-	-	-	109.5	-	-
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)

2008

轉變投入 Transformation Input				轉變產出 合計 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.				
39,361.8	8,147.6	-	31,214.1	5,682.5	7,174.9	892.7	5,974.6	5,974.6	-	-	-	-	307.5	10 ³ 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	61,258.3	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	10 ³ KLOE	Crude Oil & Petroleum Products	
52,373.1	-	52,373.1	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
75.7	-	75.7	-	-	-	-	-	-	-	-	-	-	-	10 ³ KLOE	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	16,674.7	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	-	10 ³ 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	-	-	-	-	-	10 ³ 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	-	10 ³ KLOE	Solar Thermal	
-	-	-	-	21,156.5	21,156.5	5,763.8	15,392.8	15,392.8	-	-	-	-	-	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98年

能源種類	單位	自產 Indigenous	進口 Imports	出口 Exports	國際海運 Intl.Marine Bunkers	國際航空 Intl.Civil Aviation	存貨變動 Change in Stocks	初級能源 總供給 TPES	產品間 轉換(轉出) Transfers (Input)	損耗及統計差異 Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	38,539.2	29.8	-	-	-924.3	39,433.7	-	291.7
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	-	-	-	-1,177.8	48,846.7	-	161.9
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	千公秉油當量	72.5	71,668.3	20,862.6	1,830.9	1,949.0	-615.8	47,714.2	6,388.0	-845.4
原油	千公秉	16.0	54,878.9	-	-	-	-389.6	55,284.5	-	-168.0
煉油廠進料	千公秉油當量	56.5	-	-	-	-	-	56.5	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公秉	-	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	-5,643.2	120.3	-119.7
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	-145.2
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	千公秉油當量	-	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	千公秉油當量	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	千公秉油當量	113.2	-	-	-	-	-	113.2	-	-
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)

2009

轉變投入 Transformation Input				轉變產出 合計 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	10 ³ KLOE	Coal & Coal Products	
3,715.3	3,715.3	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal	
42,261.4	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	62,154.8	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	10 ³ KLOE	Crude Oil & Petroleum Products	
55,452.5	-	55,452.5	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
56.5	-	56.5	-	-	-	-	-	-	-	-	-	-	-	10 ³ KLOE	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	17,984.5	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	-	10 ³ 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	-	-	-	-	-	10 ³ 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	-	10 ³ KLOE	Solar Thermal	
-	-	-	-	22,482.6	22,482.6	5,686.0	16,796.6	16,796.6	-	-	-	-	-	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99年

能源種類	單位	自產 Indigenous	進口 Imports	出口 Exports	國際海運 Intl.Marine Bunkers	國際航空 Intl.Civil Aviation	存貨變動 Change in Stocks	初級能源 總供給 TPES	產品間 轉換(轉出) Transfers (Input)	損耗及統計差異 Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	42,236.2	92.3	-	-	-162.6	42,306.6	-	899.3
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	-	-	-	-1,009.4	52,036.9	-	1,740.3
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	千公秉油當量	68.6	71,538.0	17,982.7	1,978.1	2,199.0	12.0	49,434.7	7,033.8	-123.6
原油	千公秉	14.2	50,849.7	-	-	-	174.3	50,689.7	-	-160.0
煉油廠進料	千公秉油當量	54.3	-	-	-	-	-	54.3	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公秉	-	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	-113.2
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	千公秉油當量	-	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	-90.6
(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	千公秉油當量	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	千公秉油當量	114.3	-	-	-	-	-	114.3	-	-
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)

2010

轉變投入 Transformation Input				轉變產出 合計 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	10 ³ KLOE	Coal & Coal Products	
5,561.6	5,561.6	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal	
43,250.4	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	
54,206.5	-	51,231.1	2,975.4	59,304.0	47,622.0	2,583.6	20,555.3	4,689.3	12,997.9	400.9	1,149.4	1,317.8	24,483.2	10 ³ KLOE	Crude Oil & Petroleum Products	
50,849.7	-	50,849.7	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
54.3	-	54.3	-	-	-	-	-	-	-	-	-	-	-	10 ³ KLOE	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	16,027.7	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	2,292.2	447.8	1,844.3	866.0	-	-	360.5	617.9	-	10 ³ 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	-	-	-	-	-	10 ³ 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	-	10 ³ KLOE	Solar Thermal	
-	-	-	-	24,846.7	24,846.7	6,212.6	18,634.1	18,634.1	-	-	-	-	-	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	Intl.Civil	Change in	總供給	轉換(轉出)	Loss and
								TPES	Transfers	Statistical
					Bunkers	Aviation	Stocks		(Input)	Difference
煤及煤產品	千公秉油當量	-	44,001.4	78.3	-	-	69.9	43,853.2	-	461.1
煙煤-煉焦煤	千公噸	-	6,060.5	-	-	-	156.9	5,903.6	-	-109.1
煙煤-燃料煤	"	-	48,127.1	-	-	-	24.5	48,102.6	-	854.8
無煙煤	"	-	375.0	1.0	-	-	-2.4	376.4	-	-94.1
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	千公秉油當量	63.5	63,943.4	15,464.7	1,809.5	2,193.5	-1,334.5	45,873.8	6,673.1	53.4
原油	千公秉	11.3	46,129.2	-	-	-	-811.2	46,951.7	-	23.5
煉油廠進料	千公秉油當量	52.2	-	-	-	-	-	52.2	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公秉	-	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	-231.6
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	千公秉油當量	-	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	358.4
(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	千公秉油當量	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	千公秉油當量	113.2	-	-	-	-	-	113.2	-	-
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)

2011

轉變投入 Transformation Input				轉變產出 合計 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	8,551.4	1,095.3	7,184.6	7,184.6	-	-	-	-	271.4	10 ³ KLOE	Coal & Coal Products	
6,012.7	6,012.7	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal	
39,401.6	3,290.0	-	36,111.6	-	7,846.2	-	7,846.2	7,846.2	-	-	-	-	-	"	Bituminous Coal-Steam Coal	
-	-	-	-	-	470.6	-	375.9	375.9	-	-	-	-	94.6	"	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	54,819.1	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	10 ³ KLOE	Crude Oil & Petroleum Products	
46,928.1	-	46,928.1	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
52.2	-	52.2	-	-	-	-	-	-	-	-	-	-	-	10 ³ KLOE	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	15,093.5	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	2,564.4	551.8	2,012.6	1,086.4	-	-	317.3	608.9	-	10 ³ 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	-	-	-	-	-	10 ³ 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	242,086.3	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	-	10 ³ KLOE	Solar Thermal	
-	-	-	-	23,246.2	23,246.2	5,819.4	17,426.8	17,426.8	-	-	-	-	-	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101年

能源種類	單位	自產 Indigenous	進口 Imports	出口 Exports	國際海運 Intl.Marine Bunkers	國際航空 Intl.Civil Aviation	存貨變動 Change in Stocks	初級能源 總供給 TPES	產品間 轉換(轉出) Transfers (Input)	損耗及統計差異 Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	42,535.4	89.3	-	-	-431.9	42,878.0	-	173.6
煙煤-煉焦煤	千公噸	-	5,519.0	-	-	-	-251.3	5,770.3	-	23.3
煙煤-燃料煤	"	-	43,857.2	-	-	-	-417.2	44,274.4	-	302.5
無煙煤	"	-	273.4	0.9	-	-	17.0	255.5	-	-57.9
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	千公秉油當量	59.2	67,659.8	18,872.0	1,313.3	2,305.6	-101.7	45,329.7	6,859.5	-662.3
原油	千公秉	11.4	51,359.7	-	-	-	-512.4	51,883.6	-	-310.7
煉油廠進料	千公秉油當量	47.8	-	-	-	-	-	47.8	-	-
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公秉	-	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	-261.9
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	千公秉油當量	-	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	448.0
(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	千公秉油當量	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	千公秉油當量	114.0	-	-	-	-	-	114.0	-	-
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)

2012

轉變投入 Transformation Input				轉變產出 合計 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.				
41,338.5	10,238.6	-	31,099.9	6,991.3	8,357.2	1,038.3	7,027.3	7,027.3	-	-	-	-	291.6	10 ³ KLOE	Coal & Coal Products	
5,747.0	5,747.0	-	-	-	-	-	-	-	-	-	-	-	-	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	
-	-	-	-	-	313.4	-	276.6	276.6	-	-	-	-	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	
54,791.8	-	52,663.5	2,128.3	59,849.6	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	10 ³ KLOE	Crude Oil & Petroleum Products	
52,194.3	-	52,194.3	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
47.8	-	47.8	-	-	-	-	-	-	-	-	-	-	-	10 ³ KLOE	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	16,925.0	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	2,807.6	566.4	2,241.2	1,364.3	-	-	279.9	597.0	-	10 ³ 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	-	-	-	-	-	10 ³ 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 Indigenous	進口 Imports	出口 Exports	國際海運 Intl.Marine Bunkers	國際航空 Intl.Civil Aviation	存貨變動 Change in Stocks	初級能源 總供給 TPES	產品間 轉換(轉出) Transfers (Input)	損耗及統計差異 Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	44,043.9	12.2	-	-	293.7	43,737.9	-	-58.6
煙煤-煉焦煤	千公噸	-	6,726.6	-	-	-	74.5	6,652.1	-	177.6
煙煤-燃料煤	"	-	46,922.4	-	-	-	892.8	46,029.6	-	-365.2
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	19,500.7	1,360.0	2,444.6	-1,579.9	46,608.3	6,802.8	-279.8
原油	千公秉	10.5	48,582.4	-	-	-	-532.3	49,125.2	-	-49.8
煉油廠進料	千公秉油當量	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	-	-78.0	-11,756.9	73.8	-256.9
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	519.5
(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	1,764.0	0.1	-	-	-	3.1	1,761.0	85.7	1.2
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	-	-	-	-	-	-	-	-	-

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 合計 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.				
42,572.4	11,793.4	-	30,779.0	7,885.3	9,109.5	1,237.7	7,517.9	7,517.9	-	-	-	-	353.9	10 ³ KLOE	Coal & Coal Products	
6,474.6	6,474.6	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal	
38,433.4	3,780.6	-	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	57,232.4	45,867.3	2,501.6	18,789.9	3,147.4	12,884.0	462.1	1,058.0	1,238.3	24,575.9	10 ³ KLOE	Crude Oil & Petroleum Products	
49,175.0	-	49,175.0	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
44.5	-	44.5	-	-	-	-	-	-	-	-	-	-	-	10 ³ KLOE	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	17,179.1	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	2,790.6	438.7	2,351.9	1,485.1	-	0.8	314.0	552.0	-	10 ³ 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	-	-	-	-	-	10 ³ 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	-	10 ³ KLOE	Solar Thermal	
-	-	-	-	22,822.4	22,822.4	5,738.0	17,084.3	17,084.3	-	-	-	-	-	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103年

能源種類	單位	自產 Indigenous	進口 Imports	出口 Exports	國際海運 Intl.Marine Bunkers	國際航空 Intl.Civil Aviation	存貨變動 Change in Stocks	初級能源 總供給 TPES	產品間 轉換(轉出) Transfers (Input)	損耗及統計差異 Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	43,940.8	57.3	-	-	-322.2	44,205.7	-	111.9
煙煤-煉焦煤	千公噸	-	6,870.3	-	-	-	240.1	6,630.2	-	-34.1
煙煤-燃料煤	"	-	46,725.5	-	-	-	-709.9	47,435.4	-	781.0
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	千公秉油當量	70.2	71,771.9	19,485.1	1,303.8	2,666.6	933.8	47,452.8	6,540.6	-615.4
原油	千公秉	9.1	50,083.2	-	-	-	912.5	49,179.7	-	-122.6
煉油廠進料	千公秉油當量	61.2	-	-	-	-	0.0	61.1	-	-0.0
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公秉	-	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	-	-217.4	-11,642.7	106.8	-232.6
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	1,305.3	3.2	-
石油焦	千公噸	-	56.5	409.1	-	-	-0.0	-352.6	-	-
其他 ²	千公秉油當量	-	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	815.0
(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	千公秉油當量	1,730.0	0.1	-	-	-	6.7	1,723.4	43.6	-10.2
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	千公秉油當量	112.2	-	-	-	-	-	112.2	-	-
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)

2014

轉變投入 Transformation Input				轉變產出 合計 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.				
43,950.2	12,753.4	-	31,196.8	8,492.1	8,635.8	1,285.6	7,042.1	7,042.1	-	-	-	-	308.1	10 ³ KLOE	Coal & Coal Products	
6,664.3	6,664.3	-	-	-	-	-	-	-	-	-	-	-	-	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	57,243.4	46,952.0	3,281.9	18,549.9	2,776.1	13,012.3	481.0	1,068.0	1,212.4	25,120.2	10 ³ KLOE	Crude Oil & Petroleum Products	
49,302.3	-	49,302.3	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
61.2	-	61.2	-	-	-	-	-	-	-	-	-	-	-	10 ³ KLOE	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	17,174.0	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	2,780.4	250.3	2,530.1	1,637.4	-	2.3	342.7	547.6	-	10 ³ 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	-	-	-	-	-	10 ³ 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	-	10 ³ KLOE	Solar Thermal	
-	-	-	-	22,639.7	22,639.7	5,768.6	16,871.1	16,871.1	-	-	-	-	-	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104年

能源種類	單位	自產 Indigenous	進口 Imports	出口 Exports	國際海運 Intl.Marine Bunkers	國際航空 Intl.Civil Aviation	存貨變動 Change in Stocks	初級能源 總供給 TPES	產品間 轉換(轉出) Transfers (Input)	損耗及統計差異 Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	43,378.6	0.8	-	-	497.8	42,880.0	-	590.7
煙煤-煉焦煤	千公噸	-	6,404.8	-	-	-	-191.6	6,596.3	-	47.9
煙煤-燃料煤	"	-	47,797.6	-	-	-	995.2	46,802.4	-	590.2
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	千公秉油當量	91.7	70,309.8	18,863.1	1,219.9	2,840.3	-214.2	47,692.6	5,733.0	-327.1
原油	千公秉	9.2	48,821.8	-	-	-	249.4	48,581.7	-	-41.9
煉油廠進料	千公秉油當量	82.5	-	-	-	-	0.5	82.0	-	0.0
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公秉	-	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	10,758.7	108.3	-	149.4	-10,929.3	255.9	-220.5
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	千公秉油當量	-	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	724.5
(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	千公秉油當量	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	千公秉油當量	113.5	-	-	-	-	-	113.5	-	-
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)

2015

轉變投入 Transformation Input				轉變產出 合計 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.				
41,851.5	12,067.3	-	29,784.3	8,198.0	8,635.8	1,286.7	7,008.3	7,008.3	-	-	-	-	340.7	10 ³ KLOE	Coal & Coal Products	
6,548.4	6,548.4	-	-	-	-	-	-	-	-	-	-	-	-	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	57,026.6	47,190.8	3,254.0	18,374.7	2,279.8	13,315.2	460.0	1,069.4	1,250.4	25,562.0	10 ³ KLOE	Crude Oil & Petroleum Products	
48,623.6	-	48,623.6	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
82.0	-	82.0	-	-	-	-	-	-	-	-	-	-	-	10 ³ KLOE	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	16,768.0	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	2,917.7	268.9	2,648.8	1,761.7	-	2.5	348.6	536.1	-	10 ³ 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	-	495.1	0.1	495.0	495.0	-	-	-	-	-	10 ³ 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	-	10 ³ KLOE	Solar Thermal	
-	-	-	-	21,915.4	21,915.4	5,713.0	16,202.4	16,202.4	-	-	-	-	-	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105年

能源種類	單位	自產 Indigenous	進口 Imports	出口 Exports	國際海運 Intl.Marine Bunkers	國際航空 Intl.Civil Aviation	存貨變動 Change in Stocks	初級能源 總供給 TPES	產品間 轉換(轉出) Transfers (Input)	損耗及統計差異 Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	43,037.2	1.2	-	-	-366.1	43,402.1	-	235.5
煙煤-煉焦煤	千公噸	-	6,581.5	-	-	-	113.3	6,468.1	-	-73.7
煙煤-燃料煤	"	-	46,235.7	-	-	-	-1,050.6	47,286.3	-	-4.0
無煙煤	"	-	284.3	1.2	-	-	-1.5	284.5	-	-36.6
亞煙煤	"	-	12,532.4	-	-	-	456.9	12,075.5	-	212.1
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	千公秉油當量	86.3	71,636.8	19,306.0	1,439.9	3,052.7	-391.9	48,316.5	4,196.3	-447.3
原油	千公秉	8.4	49,828.0	-	-	-	-156.8	49,993.3	-	-82.0
煉油廠進料	千公秉油當量	77.8	-	-	-	-	-0.5	78.3	-	-0.2
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公秉	-	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	"	-	-	10,644.7	109.8	-	-92.8	-10,661.8	33.1	-158.8
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	千公秉油當量	-	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	769.8
(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	"	-	19,744.3	-	-	-	-17.2	19,761.5	20,917.8	1,015.4
生質能及廢棄物	千公秉油當量	1,685.9	0.1	10.3	-	-	-0.2	1,676.0	0.5	-0.2
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	千公秉油當量	112.1	-	-	-	-	-	112.1	-	-
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)

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 Energy Use		
							小計 Sub-total	工業 Ind.	運輸 Trans.	農業 Agr.	服務 Ser.	住宅 Res.				
42,849.3	12,491.0	-	30,358.3	8,491.9	8,809.2	1,333.3	7,173.6	7,173.6	-	-	-	-	302.4	10 ³ KLOE	Coal & Coal Products	
6,541.9	6,541.9	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal	
39,465.0	4,350.5	-	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	56,125.2	47,078.5	3,318.3	18,454.5	2,057.9	13,701.3	454.2	978.5	1,262.7	25,305.6	10 ³ KLOE	Crude Oil & Petroleum Products	
50,075.3	-	50,075.3	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
78.5	-	78.5	-	-	-	-	-	-	-	-	-	-	-	10 ³ KLOE	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	16,364.9	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	2,994.7	184.1	2,810.6	1,898.1	-	2.9	359.6	550.0	-	10 ³ 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	-	457.0	0.1	456.9	456.9	-	-	-	-	-	10 ³ 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	-	10 ³ KLOE	Solar Thermal	
-	-	-	-	21,160.4	21,160.4	5,364.5	15,795.9	15,795.9	-	-	-	-	-	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106年

能源種類	單位	自產 Indigenous	進口 Imports	出口 Exports	國際海運 Intl.Marine Bunkers	國際航空 Intl.Civil Aviation	存貨變動 Change in Stocks	初級能源 總供給 TPES	產品間 轉換(轉出) Transfers (Input)	損耗及統計差異 Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	44,246.9	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	88.9	70,950.1	19,196.4	1,345.6	3,164.6	-390.5	47,722.8	4,219.2	-145.4
原油	千公秉	5.4	49,472.4	-	-	-	274.8	49,203.0	-	-19.9
煉油廠進料	千公秉油當量	83.5	-	-	-	-	-0.1	83.6	-	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	9,870.7	117.0	-	169.0	-10,110.6	31.1	35.6
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	192.5
(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	0.0
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	-	-	-	-	-	-	-	-	-

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 合計 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	8,227.4	8,305.4	1,264.6	6,698.1	6,698.1	-	-	-	-	342.7	10 ³ 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	
52,850.4	-	49,594.0	3,256.4	55,376.7	46,175.4	3,126.1	18,147.0	1,964.1	13,548.4	427.4	995.4	1,211.8	24,902.2	10 ³ KLOE	Crude Oil & Petroleum Products	
49,222.8	-	49,222.8	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
83.6	-	83.6	-	-	-	-	-	-	-	-	-	-	-	10 ³ KLOE	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	16,002.1	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	3,282.2	261.1	3,021.2	2,106.1	-	2.8	367.3	545.1	-	10 ³ 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	2,821.3	343.5	2,477.8	2,286.1	-	3.7	133.3	54.7	-	"	(Imported) L.N.G.	
1,184.8	-	-	1,184.8	-	432.4	0.1	432.3	432.3	-	-	-	-	-	10 ³ 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	-	10 ³ KLOE	Solar Thermal	
-	-	-	-	20,314.5	20,314.5	5,091.3	15,223.2	15,223.2	-	-	-	-	-	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107年

能源種類	單位	自產 Indigenous	進口 Imports	出口 Exports	國際海運 Intl.Marine Bunkers	國際航空 Intl.Civil Aviation	存貨變動 Change in Stocks	初級能源 總供給 TPES	產品間 轉換(轉出) Transfers (Input)	損耗及統計差異 Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	43,755.2	19.7	-	-	-558.0	44,293.5	-	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	-70.7
原油	千公秉	4.7	51,075.1	-	-	-	-534.1	51,613.9	-	-2.7
煉油廠進料	千公秉油當量	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	1.3	-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	-109.9
燃料油	"	-	2,244.4	1,960.8	1,093.3	-	-197.2	-612.5	364.8	-23.3
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	1,680.5	8.9	-	-	-	0.0	1,689.4	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	"	1,707.2	-	-	-	-	-	1,707.2	-	-
電力	"	-	-	-	-	-	-	-	-	8,981.1
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 合計 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.				
45,357.5	12,462.8	-	32,894.7	8,602.1	7,240.6	1,276.7	5,544.3	5,544.3	-	-	-	-	419.6	10 ³ KLOE	Coal & Coal Products	
6,784.8	6,784.8	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal	
43,580.9	3,852.1	-	39,728.8	-	5,439.4	-	5,439.4	5,439.4	-	-	-	-	-	"	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	
54,355.9	-	52,045.1	2,310.9	57,967.8	47,036.5	3,296.5	17,774.8	2,020.6	13,174.4	537.7	853.2	1,189.0	25,965.1	10 ³ KLOE	Crude Oil & Petroleum Products	
51,616.6	-	51,616.6	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
75.3	-	75.3	-	-	-	-	-	-	-	-	-	-	-	10 ³ KLOE	Refinery Feedstock	
285.3	-	-	285.3	3,681.6	3,396.3	2,482.9	913.5	913.5	-	-	-	-	-	10 ⁶ m ³	Refinery Gas	
2.3	-	-	2.3	2,163.2	4,847.3	193.8	2,229.7	416.8	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	5,684.1	32.6	5,651.5	113.9	4,679.5	538.1	320.1	-	-	"	Diesel Oil	
1,717.4	-	-	1,717.4	4,385.3	1,713.9	100.8	1,613.1	1,327.2	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	
13,496.0	-	56.1	13,439.9	18,187.5	3,564.5	287.7	3,276.8	2,331.1	-	3.3	350.0	592.4	-	10 ³ 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	
17,814.0	-	74.0	17,740.0	22,450.0	3,106.8	378.1	2,728.6	2,537.8	-	4.4	125.1	61.4	-	"	(Imported) L.N.G.	
1,252.2	-	-	1,252.2	-	437.1	-	437.1	437.1	-	-	-	-	-	10 ³ 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	
1,707.2	-	-	1,707.2	-	-	-	-	-	-	-	-	-	-	"	Wind	
-	-	-	-	275,549.3	266,568.2	19,178.0	247,390.2	148,961.3	1,469.2	2,960.8	47,119.6	46,879.3	-	"	Electricity	
-	-	-	-	-	104.7	-	104.7	-	-	-	3.1	101.6	-	10 ³ KLOE	Solar Thermal	
-	-	-	-	31,856.7	31,856.7	7,007.2	24,849.5	24,836.0	-	-	13.5	-	-	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108年

能源種類	單位	自產 Indigenous	進口 Imports	出口 Exports	國際海運 Intl.Marine Bunkers	國際航空 Intl.Civil Aviation	存貨變動 Change in Stocks	初級能源 總供給 TPES	產品間 轉換(轉出) Transfers (Input)	損耗及統計差異 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	-	1,274.6
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	-	-421.1
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	69,546.2	21,783.1	1,444.4	3,342.8	-655.1	43,707.4	3,380.0	-463.3
原油	千公秉	3.9	51,570.4	-	-	-	-93.4	51,667.6	-	-7.1
煉油廠進料	千公秉油當量	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	-101.8
燃料油	"	-	1,295.7	1,850.1	1,133.6	-	-242.0	-1,445.9	267.2	-368.9
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	"	-	1,897.4	289.7	2.0	-	5.3	1,600.4	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	-	373.3	810.5	0.2	-	79.7	-517.1	2.2	-
天然氣	千公噸	112.6	16,722.3	-	-	-	193.6	16,641.3	17,913.0	34.8
(自產)天然氣	百萬立方公尺	167.2	-	-	-	-	184.7	-17.5	-	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	-
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	"	-	-	-	-	-	-	-	-	8,470.9
太陽熱能	千公秉油當量	101.1	-	-	-	-	-	101.1	-	-
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)

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.				
43,359.2	11,840.8	-	31,518.4	8,449.3	7,229.3	1,311.7	5,562.4	5,562.4	-	-	-	-	355.2	10 ³ KLOE	Coal & Coal Products	
6,282.8	6,282.8	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal	
41,994.1	3,779.2	-	38,214.9	-	5,624.7	-	5,624.7	5,624.7	-	-	-	-	-	〃	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	312.2	312.2	-	-	-	-	-	〃	Oxygen Steel Furnace Gas	
53,614.1	-	51,948.0	1,666.1	57,393.2	44,569.7	3,339.8	17,469.0	1,621.8	13,259.1	538.5	859.3	1,190.3	23,761.0	10 ³ KLOE	Crude Oil & Petroleum Products	
51,674.7	-	51,674.7	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
72.4	-	72.4	-	-	-	-	-	-	-	-	-	-	-	10 ³ KLOE	Refinery Feedstock	
309.3	-	-	309.3	3,773.3	3,464.0	2,526.9	937.1	937.1	-	-	-	-	-	10 ⁶ m ³	Refinery Gas	
0.7	-	-	0.7	1,970.1	4,984.9	248.2	2,176.4	365.0	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	5,803.9	37.0	5,766.8	111.9	4,767.9	534.4	352.6	-	-	〃	Diesel Oil	
1,201.4	-	-	1,201.4	3,878.0	1,332.4	87.5	1,244.9	1,007.1	37.7	28.2	171.9	-	-	〃	Fuel Oil	
-	-	-	-	923.5	547.7	-	-	-	-	-	-	-	547.7	〃	Lubricants	
-	-	-	-	619.0	453.4	-	-	-	-	-	-	-	453.4	〃	Asphalts	
-	-	-	-	54.1	1,653.6	-	-	-	-	-	-	-	1,653.6	〃	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	
13,078.5	-	80.6	12,998.0	18,041.1	3,656.0	298.8	3,357.2	2,413.1	-	3.1	354.5	586.5	-	10 ³ tonne	Natural Gas	
2.7	-	-	2.7	1,871.1	1,850.2	21.7	1,828.5	642.5	-	-	384.6	801.4	-	10 ⁶ m ³	(Indigenous) Natural Gas	
17,261.2	-	106.3	17,154.9	22,151.1	3,181.3	375.2	2,806.2	2,614.2	-	4.1	126.1	61.8	-	〃	(Imported) L.N.G.	
1,267.3	-	-	1,267.3	-	429.2	0.0	429.2	429.2	0.0	-	-	-	-	10 ³ 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	
-	-	-	-	274,190.9	265,720.0	19,574.6	246,145.4	147,675.1	1,499.1	3,045.3	46,736.4	47,189.5	-	〃	Electricity	
-	-	-	-	-	101.1	-	101.1	-	-	-	3.0	98.0	-	10 ³ KLOE	Solar Thermal	
-	-	-	-	29,398.1	29,398.1	6,598.9	22,799.2	22,785.2	-	-	13.9	-	-	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109年

能源種類	單位	自產 Indigenous	進口 Imports	出口 Exports	國際海運 Intl.Marine Bunkers	國際航空 Intl.Civil Aviation	存貨變動 Change in Stocks	初級能源 總供給 TPES	產品間 轉換(轉出) Transfers (Input)	損耗及統計差異 Loss and Statistical Difference
煤及煤產品	千公秉油當量	-	41,544.5	92.0	-	-	931.2	40,521.2	-	-758.6
煙煤-煉焦煤	千公噸	-	6,569.7	-	-	-	-226.4	6,796.2	-	892.4
煙煤-燃料煤	"	-	44,696.3	-	-	-	778.0	43,918.3	-	-2,479.7
無煙煤	"	-	338.8	1.4	-	-	-7.0	344.4	-	33.1
亞煙煤	"	-	11,658.1	-	-	-	961.6	10,696.5	-	-199.7
焦炭	"	-	248.2	116.8	-	-	137.0	-5.6	-	145.8
焦爐氣	百萬立方公尺	-	-	-	-	-	-	-	-	0.1
高爐氣	"	-	-	-	-	-	-	-	-	187.0
轉爐氣	"	-	-	-	-	-	-	-	-	17.8
原油及石油產品	千公秉油當量	81.8	61,090.3	14,419.4	1,328.4	2,074.3	736.0	42,614.0	4,117.9	-217.4
原油	千公秉	2.2	42,915.9	-	-	-	714.7	42,203.4	-	-13.5
煉油廠進料	千公秉油當量	79.7	-	-	-	-	0.5	79.2	-	0.0
煉油氣	百萬立方公尺	-	-	-	-	-	-	-	-	-
液化石油氣	千公秉	-	2,676.1	50.6	-	-	-0.6	2,626.1	261.7	-6.1
石油腦	"	-	14,561.2	215.4	-	-	237.1	14,108.6	3,036.0	59.6
車用汽油	"	-	245.2	2,324.9	-	-	16.0	-2,095.6	60.6	-68.8
航空汽油	"	-	-	-	-	-	-	-	-	-
航空燃油 ¹	"	-	92.3	989.1	-	2,333.5	-6.4	-3,224.0	179.3	326.7
煤油	"	-	-	-	-	-	-0.4	0.4	0.0	0.1
柴油	"	-	-	7,817.0	166.3	-	-199.9	-7,783.3	108.6	-79.4
燃料油	"	-	578.3	1,660.0	1,099.8	-	49.3	-2,230.8	916.3	-382.3
潤滑油	"	-	316.3	577.0	0.0	-	17.5	-278.3	0.4	-
柏油	"	-	110.4	239.4	-	-	-7.4	-121.6	-	-
溶劑油	"	-	1,867.7	76.8	-	-	-5.7	1,796.6	1.5	-
石油焦	千公噸	-	35.6	609.2	-	-	-67.2	-506.3	-	-
其他 ²	千公秉油當量	-	455.3	727.4	-	-	-1.9	-270.1	1.4	-
天然氣	千公噸	70.9	17,939.8	-	-	-	37.6	17,973.1	19,368.9	-52.7
(自產)天然氣	百萬立方公尺	105.3	-	-	-	-	170.4	-65.1	-	0.7
(進口)液化天然氣	"	-	23,680.6	-	-	-	-101.8	23,782.4	25,566.9	-70.2
生質能及廢棄物	千公秉油當量	1,672.0	4.4	-	-	-	0.0	1,676.4	0.0	-
核能	百萬度	-	31,440.2	-	-	-	-	31,440.2	-	-
水力	"	3,019.2	-	-	-	-	-	3,019.2	-	-
地熱	"	1.9	-	-	-	-	-	1.9	-	-
太陽光電	"	6,095.3	-	-	-	-	-	6,095.3	-	-
風力	"	2,433.1	-	-	-	-	-	2,433.1	-	-
電力	"	-	-	-	-	-	-	-	-	8,892.8
太陽熱能	千公秉油當量	104.4	-	-	-	-	-	104.4	-	-
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)

2020

轉變投入 Transformation Input				轉變產出 合計 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.				
42,396.4	11,200.0	-	31,196.4	8,138.2	7,021.6	1,254.7	5,453.4	5,453.4	-	-	-	-	313.5	10 ³ KLOE	Coal & Coal Products	
5,903.8	5,903.8	-	-	-	-	-	-	-	-	-	-	-	-	10 ³ tonne	Bituminous Coal-Coking Coal	
40,907.7	3,687.8	-	37,219.9	-	5,490.3	-	5,490.3	5,490.3	-	-	-	-	-	"	Bituminous Coal-Steam Coal	
-	-	-	-	-	311.2	-	269.8	269.8	-	-	-	-	41.4	"	Anthracite	
10,896.2	-	-	10,896.2	-	-	-	-	-	-	-	-	-	-	"	Sub-Bituminous	
4,889.5	4,889.5	-	-	5,954.8	913.9	-	552.8	552.8	-	-	-	-	361.1	"	Coke	
719.0	-	-	719.0	3,001.4	2,282.4	582.7	1,699.7	1,699.7	-	-	-	-	-	10 ⁶ m ³	Coke Oven Gas	
7,566.5	-	-	7,566.5	21,197.5	13,444.0	10,558.7	2,885.2	2,885.2	-	-	-	-	-	"	Blast Furnace Gas	
682.7	-	-	682.7	1,328.7	628.2	342.8	285.4	285.4	-	-	-	-	-	"	Oxygen Steel Furnace Gas	
43,851.8	-	42,552.4	1,299.4	49,429.2	44,290.8	2,858.7	17,316.1	1,345.3	13,366.1	471.3	925.0	1,208.4	24,116.0	10 ³ KLOE	Crude Oil & Petroleum Products	
42,216.9	-	42,216.9	-	-	-	-	-	-	-	-	-	-	-	10 ³ K.L.	Crude Oil	
79.2	-	79.2	-	-	-	-	-	-	-	-	-	-	-	10 ³ KLOE	Refinery Feedstock	
311.8	-	-	311.8	3,420.7	3,108.9	2,222.3	886.7	886.7	-	-	-	-	-	10 ⁶ m ³	Refinery Gas	
1.1	-	-	1.1	1,692.1	4,061.5	182.1	2,222.4	397.2	20.4	-	165.6	1,639.2	1,657.0	10 ³ K.L.	L.P.G.	
-	-	-	-	10,854.8	21,867.8	-	-	-	-	-	-	-	21,867.8	"	Naphthas	
-	-	-	-	12,258.0	10,170.5	4.0	10,166.5	5.8	10,105.9	11.8	43.0	-	-	"	Motor Gasoline	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	"	Aviation Gasoline	
-	-	-	-	4,036.2	306.3	-	306.3	0.7	89.6	-	216.0	-	-	"	Jet Fuel ¹	
-	-	-	-	5.1	5.4	0.0	5.4	-	-	-	5.4	-	-	"	Kerosene	
67.1	-	-	67.1	13,711.4	5,831.8	38.0	5,793.9	123.2	4,793.4	466.9	410.3	-	-	"	Diesel Oil	
857.9	-	-	857.9	4,673.5	1,050.9	68.2	982.7	748.2	36.6	23.7	174.1	-	-	"	Fuel Oil	
-	-	-	-	806.9	528.2	-	-	-	-	-	-	-	528.2	"	Lubricants	
-	-	-	-	575.5	453.9	-	-	-	-	-	-	-	453.9	"	Asphalts	
-	-	-	-	41.3	1,836.5	-	-	-	-	-	-	-	1,836.5	"	Solvents	
-	-	-	-	958.8	452.5	387.9	-	-	-	-	-	-	64.6	10 ³ tonne	Petroleum Coke	
275.6	-	256.4	19.2	1,720.4	1,173.2	38.5	12.8	12.8	-	-	-	-	1,122.0	10 ³ KLOE	Other ²	
14,300.7	-	43.6	14,257.2	19,533.9	3,890.2	404.7	3,485.5	2,514.1	-	3.0	347.6	620.7	-	10 ³ tonne	Natural Gas	
1.7	-	-	1.7	2,007.6	1,940.0	22.4	1,917.6	697.6	-	-	373.7	846.3	-	10 ⁶ m ³	(Indigenous) Natural Gas	
18,875.4	-	57.5	18,817.9	24,000.3	3,410.6	514.3	2,896.3	2,698.5	-	4.0	126.6	67.1	-	"	(Imported) L.N.G.	
1,247.2	-	-	1,247.2	-	429.1	-	429.1	429.1	0.0	-	-	-	-	10 ³ KLOE	Biomass and Waste	
31,440.2	-	-	31,440.2	-	-	-	-	-	-	-	-	-	-	GWh	Nuclear	
6,178.1	-	-	6,178.1	3,158.9	-	-	-	-	-	-	-	-	-	"	Hydro	
1.9	-	-	1.9	-	-	-	-	-	-	-	-	-	-	"	Geothermal	
6,095.3	-	-	6,095.3	-	-	-	-	-	-	-	-	-	-	"	Solar PV	
2,433.1	-	-	2,433.1	-	-	-	-	-	-	-	-	-	-	"	Wind	
-	-	-	-	280,139.9	271,247.1	19,306.0	251,941.1	150,742.3	1,481.0	3,273.3	46,237.4	50,207.1	-	"	Electricity	
-	-	-	-	-	104.4	-	104.4	-	-	-	3.1	101.3	-	10 ³ KLOE	Solar Thermal	
-	-	-	-	29,840.3	29,840.3	6,830.0	23,010.4	22,997.6	-	-	12.8	-	-	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.