

2008-1

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# 石油等消費動態統計月報

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## Monthly Report of the Current Survey of Energy Consumption

平成20年1月分  
January, 2008

経済産業省 経済産業政策局 調査統計部

Research and Statistics Department  
Economic and Industrial Policy Bureau  
Ministry of Economy, Trade and Industry ( METI )

## 1. エネルギー消費量の推移 Trends of energy consumption

| 年・期・月<br>Year, quarter<br>and month | 合 計<br>Total                                  |                                                                                  | 燃料計<br>Fuel total<br>(原油換算)<br>Crude petroleum<br>equivalent<br>kl | 石油系燃料計<br>Oil based fuels                     |                              |                        |                      |                                              |                       |
|-------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------|------------------------------|------------------------|----------------------|----------------------------------------------|-----------------------|
|                                     | (原油換算)<br>Crude petroleum<br>equivalent<br>kl | うち指定生産品目分<br>Specified products<br>(原油換算)<br>Crude petroleum<br>equivalent<br>kl |                                                                    | (原油換算)<br>Crude petroleum<br>equivalent<br>kl | 原 油<br>Crude petroleum<br>kl | ガソリン<br>Gasoline<br>kl | ナフサ<br>Naphtha<br>kl | 改質生成油<br>Oil produced<br>by conversion<br>kl | 灯 油<br>Kerosene<br>kl |
| 平成 17 年                             | 192,000,482                                   | 182,594,288                                                                      | 177,604,634                                                        | 105,669,919                                   | 1,536,652                    | 82,306                 | 36,960,546           | 19,981,081                                   | 1,661,516             |
| 18                                  | 192,681,110                                   | 182,352,764                                                                      | 177,009,627                                                        | 103,045,055                                   | 721,108                      | 85,366                 | 35,897,744           | 20,036,831                                   | 1,786,273             |
| 19                                  | 196,187,177                                   | 186,020,346                                                                      | 180,161,565                                                        | 103,663,860                                   | 565,805                      | 82,250                 | 35,679,682           | 20,747,671                                   | 1,556,568             |
| 平成 17 年度                            | 191,434,211                                   | 181,754,126                                                                      | 176,801,427                                                        | 104,574,409                                   | 1,346,759                    | 82,196                 | 36,744,977           | 19,791,947                                   | 1,666,457             |
| 18                                  | 193,756,301                                   | 183,585,394                                                                      | 177,884,460                                                        | 103,511,945                                   | 667,959                      | 84,267                 | 36,033,505           | 20,317,444                                   | 1,730,514             |
| 18年 10 ～ 12 月                       | 49,840,034                                    | 47,258,292                                                                       | 45,757,067                                                         | 26,744,953                                    | 241,572                      | 21,783                 | 9,429,486            | 5,224,266                                    | 417,702               |
| 19年 1 ～ 3 月                         | 49,672,962                                    | 46,947,459                                                                       | 45,712,880                                                         | 26,892,875                                    | 187,620                      | 20,989                 | 9,457,662            | 5,219,307                                    | 401,468               |
| 4 ～ 6                               | 46,829,244                                    | 44,791,296                                                                       | 42,873,752                                                         | 24,542,449                                    | 120,284                      | 19,214                 | 8,633,997            | 4,638,055                                    | 372,598               |
| 7 ～ 9                               | 49,406,163                                    | 46,592,563                                                                       | 45,389,030                                                         | 25,843,359                                    | 112,062                      | 19,886                 | 8,332,161            | 5,490,912                                    | 377,868               |
| 10 ～ 12                             | 50,278,808                                    | 47,689,028                                                                       | 46,185,903                                                         | 26,385,177                                    | 145,839                      | 22,161                 | 9,255,862            | 5,399,397                                    | 404,634               |
| 平成18年 11 月                          | 16,413,020                                    | 15,570,138                                                                       | 15,075,587                                                         | 8,847,301                                     | 63,355                       | 7,688                  | 3,171,482            | 1,737,422                                    | 130,613               |
| 12                                  | 17,224,570                                    | 16,254,029                                                                       | 15,851,161                                                         | 9,359,351                                     | 125,840                      | 6,884                  | 3,225,318            | 1,821,517                                    | 157,572               |
| 平成19年 1 月                           | 17,094,051                                    | 16,165,434                                                                       | 15,747,470                                                         | 9,285,507                                     | 34,545                       | 6,266                  | 3,386,532            | 1,790,329                                    | 141,563               |
| 2                                   | 15,450,752                                    | 14,573,644                                                                       | 14,203,176                                                         | 8,347,092                                     | 74,778                       | 7,168                  | 2,944,547            | 1,543,670                                    | 125,909               |
| 3                                   | 17,128,159                                    | 16,208,381                                                                       | 15,762,234                                                         | 9,260,276                                     | 78,297                       | 7,555                  | 3,126,583            | 1,885,308                                    | 133,996               |
| 4                                   | 15,682,196                                    | 14,992,064                                                                       | 14,376,615                                                         | 8,383,192                                     | 38,816                       | 6,263                  | 2,908,009            | 1,680,533                                    | 119,952               |
| 5                                   | 15,788,133                                    | 15,161,503                                                                       | 14,467,999                                                         | 8,309,254                                     | 44,717                       | 6,028                  | 2,971,799            | 1,575,486                                    | 118,198               |
| 6                                   | 15,358,915                                    | 14,637,729                                                                       | 14,029,138                                                         | 7,850,003                                     | 36,751                       | 6,923                  | 2,754,189            | 1,382,036                                    | 134,448               |
| 7                                   | 16,637,448                                    | 15,692,056                                                                       | 15,290,245                                                         | 8,718,312                                     | 37,683                       | 6,458                  | 2,742,892            | 1,838,127                                    | 123,267               |
| 8                                   | 16,744,475                                    | 15,789,397                                                                       | 15,399,999                                                         | 8,839,220                                     | 36,631                       | 6,311                  | 2,859,054            | 1,908,116                                    | 126,274               |
| 9                                   | 16,024,240                                    | 15,111,110                                                                       | 14,698,786                                                         | 8,285,827                                     | 37,748                       | 7,117                  | 2,730,215            | 1,744,669                                    | 128,327               |
| 10                                  | 16,582,464                                    | 15,816,764                                                                       | 15,208,882                                                         | 8,570,168                                     | 66,829                       | 7,711                  | 3,018,710            | 1,693,221                                    | 146,268               |
| 11                                  | 16,458,742                                    | 15,595,386                                                                       | 15,116,700                                                         | 8,675,187                                     | 38,154                       | 7,652                  | 3,070,237            | 1,825,529                                    | 125,183               |
| 12                                  | 17,237,602                                    | 16,276,878                                                                       | 15,860,321                                                         | 9,139,822                                     | 40,856                       | 6,798                  | 3,166,915            | 1,880,647                                    | 133,183               |
| 平成20年 1 月                           | 16,805,583                                    | 15,825,366                                                                       | 15,458,799                                                         | 8,837,045                                     | 35,491                       | 6,581                  | 3,212,488            | 1,840,809                                    | 135,318               |
| 前年同月比 (%)                           | ▲ 1.7                                         | ▲ 2.1                                                                            | ▲ 1.8                                                              | ▲ 4.8                                         | 2.7                          | 5.0                    | ▲ 5.1                | 2.8                                          | ▲ 4.4                 |

| 年・期・月<br>Year, quarter<br>and month | (非石油系燃料) Non-oil based fuels |                          |                 |                                                |                                                    |                                                        |                                                        |                                           |                    |
|-------------------------------------|------------------------------|--------------------------|-----------------|------------------------------------------------|----------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|-------------------------------------------|--------------------|
|                                     | 石 炭<br>Coal<br>t             | 石炭コークス<br>Coal Coke<br>t | タール<br>Tar<br>t | コークス炉ガス<br>Coke oven gas<br>1000m <sup>3</sup> | 高炉ガス<br>Blast furnace<br>gas<br>1000m <sup>3</sup> | 転炉ガス<br>Converter<br>furnace gas<br>1000m <sup>3</sup> | 電気炉ガス<br>Electric furnace<br>gas<br>1000m <sup>3</sup> | 天然ガス<br>Natural gas<br>1000m <sup>3</sup> | 液化天然ガス<br>LNG<br>t |
| 平成 17 年                             | 80,019,650                   | 37,019,037               | 472,862         | 12,029,443                                     | 87,648,995                                         | 6,026,054                                              | 70,693                                                 | 511,111                                   | 1,278,543          |
| 18                                  | 86,243,238                   | 37,636,365               | 532,151         | 12,779,920                                     | 89,623,409                                         | 6,487,293                                              | 112,727                                                | 530,821                                   | 1,321,068          |
| 19                                  | 90,668,274                   | 38,016,837               | 541,629         | 13,034,804                                     | 92,314,163                                         | 6,553,635                                              | 118,785                                                | 573,932                                   | 1,547,459          |
| 平成 17 年度                            | 81,210,635                   | 36,929,898               | 486,234         | 12,162,172                                     | 87,866,302                                         | 6,013,714                                              | 82,590                                                 | 518,881                                   | 1,290,756          |
| 18                                  | 86,686,329                   | 37,790,127               | 534,573         | 12,841,393                                     | 88,954,504                                         | 6,554,581                                              | 115,122                                                | 546,682                                   | 1,341,756          |
| 18年 10 ～ 12 月                       | 22,185,514                   | 9,631,081                | 149,550         | 3,256,821                                      | 22,589,079                                         | 1,697,812                                              | 33,605                                                 | 141,667                                   | 328,871            |
| 19年 1 ～ 3 月                         | 21,725,767                   | 9,294,862                | 141,604         | 3,171,096                                      | 21,576,946                                         | 1,614,573                                              | 33,404                                                 | 153,254                                   | 361,688            |
| 4 ～ 6                               | 21,256,430                   | 9,474,374                | 139,572         | 3,191,837                                      | 22,107,865                                         | 1,549,016                                              | 31,805                                                 | 130,029                                   | 385,266            |
| 7 ～ 9                               | 23,742,116                   | 9,686,756                | 117,574         | 3,328,583                                      | 24,370,100                                         | 1,708,101                                              | 19,716                                                 | 143,409                                   | 405,712            |
| 10 ～ 12                             | 23,943,961                   | 9,560,845                | 142,879         | 3,343,288                                      | 24,259,252                                         | 1,681,945                                              | 33,860                                                 | 147,240                                   | 394,793            |
| 平成18年 11 月                          | 7,294,359                    | 3,144,398                | 49,892          | 1,065,012                                      | 7,391,291                                          | 560,149                                                | 9,836                                                  | 44,685                                    | 97,955             |
| 12                                  | 7,592,690                    | 3,230,463                | 51,519          | 1,102,926                                      | 7,527,698                                          | 584,494                                                | 11,785                                                 | 52,627                                    | 119,386            |
| 平成19年 1 月                           | 7,473,374                    | 3,251,644                | 48,833          | 1,100,870                                      | 7,678,222                                          | 577,177                                                | 11,872                                                 | 52,582                                    | 119,116            |
| 2                                   | 6,733,706                    | 2,852,211                | 43,672          | 980,091                                        | 6,625,657                                          | 491,212                                                | 10,646                                                 | 50,311                                    | 116,801            |
| 3                                   | 7,518,687                    | 3,191,007                | 49,099          | 1,090,135                                      | 7,273,067                                          | 546,184                                                | 10,886                                                 | 50,361                                    | 125,771            |
| 4                                   | 7,000,501                    | 3,053,735                | 44,809          | 1,040,952                                      | 7,002,186                                          | 504,971                                                | 10,888                                                 | 43,400                                    | 117,712            |
| 5                                   | 7,126,320                    | 3,240,732                | 52,154          | 1,089,503                                      | 7,583,755                                          | 518,015                                                | 12,317                                                 | 46,157                                    | 135,050            |
| 6                                   | 7,129,609                    | 3,179,907                | 42,609          | 1,061,382                                      | 7,521,924                                          | 526,030                                                | 8,600                                                  | 40,472                                    | 132,504            |
| 7                                   | 7,960,624                    | 3,292,743                | 21,309          | 1,117,139                                      | 8,225,121                                          | 579,615                                                | 9,858                                                  | 49,983                                    | 145,801            |
| 8                                   | 8,020,438                    | 3,262,601                | 49,114          | 1,138,060                                      | 8,144,684                                          | 553,468                                                | 5,296                                                  | 47,567                                    | 132,288            |
| 9                                   | 7,761,054                    | 3,131,412                | 47,151          | 1,073,384                                      | 8,000,295                                          | 575,018                                                | 4,562                                                  | 45,859                                    | 127,623            |
| 10                                  | 8,038,056                    | 3,244,845                | 45,782          | 1,125,698                                      | 8,319,433                                          | 552,295                                                | 10,355                                                 | 46,689                                    | 133,551            |
| 11                                  | 7,819,474                    | 3,088,277                | 48,820          | 1,096,607                                      | 7,877,112                                          | 560,232                                                | 11,534                                                 | 47,715                                    | 118,984            |
| 12                                  | 8,086,431                    | 3,227,723                | 48,277          | 1,120,983                                      | 8,062,707                                          | 569,418                                                | 11,971                                                 | 52,836                                    | 142,258            |
| 平成20年 1 月                           | 8,102,671                    | 3,269,085                | 45,200          | 1,146,819                                      | 8,159,983                                          | 562,054                                                | 9,234                                                  | 53,416                                    | 148,343            |
| 前年同月比 (%)                           | 8.4                          | 0.5                      | ▲ 7.4           | 4.2                                            | 6.3                                                | ▲ 2.6                                                  | ▲ 22.2                                                 | 1.6                                       | 24.5               |

注 1. 原油にはNGL・コンデンセートを含む。

3. 石炭には、コークス製造用炭（原料炭）を含む。

2. B重油は平成15年よりC重油に統合された。

4. 石炭コークスにはピッチコークスを含む。

|                     |                                      |                                  |                                      |                                   |                    |                                               |                                |                                               | 非石油系燃料計 |      |
|---------------------|--------------------------------------|----------------------------------|--------------------------------------|-----------------------------------|--------------------|-----------------------------------------------|--------------------------------|-----------------------------------------------|---------|------|
| 軽油<br>Gas oil<br>kl | 重油計<br>Heavy fuel<br>oil total<br>kl | A重油<br>Heavy fuel<br>oil A<br>kl | B・C重油<br>Heavy fuel<br>oil B・C<br>kl | 炭化水素油<br>Hydrocarbon<br>oil<br>kl | 液化石油ガス<br>LPG<br>t | 石油系炭化<br>水素ガス<br>Hydrocarbon<br>gas<br>1000m³ | オイルコークス<br>Petroleum Coke<br>t | (原油換算)<br>Crude petroleum<br>equivalent<br>kl |         |      |
| 118,005             | 14,152,374                           | 2,151,907                        | 12,000,467                           | 3,547,286                         | 6,332,636          | 17,113,064                                    | 4,310,726                      | 118,036,279                                   | C. Y.   | 2005 |
| 223,165             | 12,853,347                           | 1,847,701                        | 11,005,646                           | 3,605,635                         | 6,877,059          | 16,543,498                                    | 4,404,675                      | 124,927,247                                   | C. Y.   | 2006 |
| 413,346             | 11,379,366                           | 1,584,830                        | 9,794,536                            | 3,858,893                         | 7,651,508          | 17,220,846                                    | 4,250,863                      | 130,086,486                                   | C. Y.   | 2007 |
| 120,998             | 13,851,202                           | 2,057,638                        | 11,793,564                           | 3,506,579                         | 6,216,556          | 17,008,143                                    | 4,392,603                      | 119,199,569                                   | F. Y.   | 2005 |
| 324,484             | 12,327,649                           | 1,768,436                        | 10,559,213                           | 3,704,820                         | 7,184,682          | 16,709,105                                    | 4,360,470                      | 125,600,629                                   | F. Y.   | 2006 |
| 95,801              | 3,153,883                            | 433,764                          | 2,720,119                            | 949,156                           | 1,822,908          | 4,236,029                                     | 1,179,566                      | 32,043,593                                    | Q4      | 2006 |
| 133,539             | 3,059,359                            | 468,927                          | 2,590,432                            | 1,048,519                         | 1,882,802          | 4,368,601                                     | 1,091,788                      | 31,436,350                                    | Q1      | 2007 |
| 87,414              | 2,719,886                            | 368,197                          | 2,351,689                            | 773,090                           | 1,994,445          | 4,078,614                                     | 984,684                        | 31,136,299                                    | Q2      |      |
| 104,641             | 2,752,349                            | 370,151                          | 2,382,198                            | 1,106,375                         | 1,918,303          | 4,401,573                                     | 1,107,841                      | 33,679,630                                    | Q3      |      |
| 87,752              | 2,847,772                            | 377,555                          | 2,470,217                            | 930,909                           | 1,855,958          | 4,372,058                                     | 1,066,550                      | 33,834,207                                    | Q4      |      |
| 27,181              | 1,036,512                            | 143,732                          | 892,780                              | 314,363                           | 606,360            | 1,386,094                                     | 381,974                        | 10,499,150                                    | Nov     | 2006 |
| 34,269              | 1,088,354                            | 153,558                          | 934,796                              | 332,078                           | 649,020            | 1,501,082                                     | 416,764                        | 10,866,829                                    | Dec     |      |
| 44,129              | 1,047,977                            | 162,127                          | 885,850                              | 354,647                           | 615,893            | 1,504,635                                     | 373,755                        | 10,852,692                                    | Jan     | 2007 |
| 37,813              | 959,747                              | 153,612                          | 806,135                              | 323,146                           | 595,255            | 1,359,921                                     | 359,848                        | 9,743,828                                     | Feb     |      |
| 51,597              | 1,051,635                            | 153,188                          | 898,447                              | 370,726                           | 671,654            | 1,504,045                                     | 358,185                        | 10,839,830                                    | Mar     |      |
| 35,318              | 952,097                              | 138,785                          | 813,312                              | 255,400                           | 656,775            | 1,380,832                                     | 321,961                        | 10,143,872                                    | Apr     |      |
| 26,499              | 913,672                              | 120,781                          | 792,891                              | 239,177                           | 681,507            | 1,373,538                                     | 324,973                        | 10,534,676                                    | May     |      |
| 25,597              | 854,117                              | 108,631                          | 745,486                              | 278,513                           | 656,163            | 1,324,244                                     | 337,750                        | 10,457,751                                    | Jun     |      |
| 33,685              | 922,415                              | 121,185                          | 801,230                              | 364,968                           | 689,222            | 1,499,352                                     | 397,891                        | 11,313,943                                    | Jul     |      |
| 38,093              | 926,804                              | 122,799                          | 804,005                              | 381,074                           | 639,612            | 1,523,261                                     | 358,599                        | 11,340,650                                    | Aug     |      |
| 32,863              | 903,130                              | 126,167                          | 776,963                              | 360,333                           | 589,469            | 1,378,960                                     | 351,351                        | 11,025,037                                    | Sep     |      |
| 30,395              | 908,861                              | 119,047                          | 789,814                              | 273,813                           | 641,307            | 1,420,076                                     | 353,279                        | 11,404,679                                    | Oct     |      |
| 22,692              | 935,172                              | 125,534                          | 809,638                              | 290,618                           | 578,641            | 1,446,606                                     | 353,287                        | 11,019,660                                    | Nov     |      |
| 34,665              | 1,003,739                            | 132,974                          | 870,765                              | 366,478                           | 636,010            | 1,505,376                                     | 359,984                        | 11,409,868                                    | Dec     |      |
| 33,872              | 980,427                              | 136,132                          | 844,295                              | 341,937                           | 601,552            | 1,472,099                                     | 335,355                        | 11,243,118                                    | Jan     | 2008 |
| ▲ 23.2              | ▲ 6.4                                | ▲ 16.0                           | ▲ 4.7                                | ▲ 3.6                             | ▲ 2.3              | ▲ 2.2                                         | ▲ 10.3                         | 3.6                                           | R. S    |      |

|           |              |            |                |            | 電 力         | うち購入分       | 蒸 気         | うち受入分      |             |                       |
|-----------|--------------|------------|----------------|------------|-------------|-------------|-------------|------------|-------------|-----------------------|
| 都市ガス(B)   | 回収黒液         | 酸 素        | 廃 材            | 廃タイヤ       |             |             |             |            |             |                       |
| Town gas  | Black liquor | Oxygen     | Waste material | Used tires |             |             |             |            | Electricity | among those purchased |
| 1000m³    | 絶乾 t         | 1000Nm³    | 絶乾 t           | t          | 1000kWh     | 1000kWh     | t           | t          |             |                       |
| 4,380,043 | 14,072,736   | 9,763,760  | 1,035,191      | 285,161    | 206,735,356 | 117,494,383 | 603,154,864 | 44,196,132 | C. Y.       | 2005                  |
| 5,341,467 | 13,961,964   | 10,110,261 | 1,275,119      | 378,482    | 213,346,307 | 127,118,758 | 591,698,485 | 49,251,529 | C. Y.       | 2006                  |
| 5,804,534 | 14,278,887   | 10,726,481 | 1,511,449      | 362,739    | 216,777,788 | 130,392,440 | 591,762,265 | 50,072,690 | C. Y.       | 2007                  |
| 4,618,572 | 14,083,025   | 9,768,576  | 1,074,622      | 298,851    | 207,723,656 | 119,382,127 | 599,671,229 | 45,142,015 | F. Y.       | 2005                  |
| 5,447,925 | 14,025,644   | 10,258,880 | 1,361,345      | 387,523    | 214,480,940 | 128,543,474 | 591,816,955 | 50,149,055 | F. Y.       | 2006                  |
| 1,390,000 | 3,510,954    | 2,590,062  | 356,995        | 99,064     | 54,591,450  | 32,958,233  | 149,845,755 | 13,116,906 | Q4          | 2006                  |
| 1,446,110 | 3,645,088    | 2,617,510  | 369,644        | 94,378     | 53,248,270  | 31,646,443  | 152,150,821 | 13,296,275 | Q1          | 2007                  |
| 1,357,425 | 3,432,500    | 2,631,922  | 342,880        | 90,381     | 52,899,590  | 32,539,555  | 138,983,823 | 11,726,458 | Q2          |                       |
| 1,485,731 | 3,544,245    | 2,723,903  | 374,547        | 83,658     | 55,569,467  | 32,914,908  | 150,711,180 | 12,159,133 | Q3          |                       |
| 1,515,268 | 3,657,054    | 2,753,146  | 424,378        | 94,322     | 55,060,461  | 33,291,534  | 149,916,441 | 12,890,824 | Q4          |                       |
| 455,612   | 1,154,534    | 863,681    | 126,651        | 29,297     | 17,921,595  | 10,811,908  | 49,047,323  | 4,281,950  | Nov         | 2006                  |
| 471,387   | 1,123,824    | 861,259    | 121,020        | 35,973     | 18,352,308  | 10,937,547  | 52,145,642  | 4,620,902  | Dec         |                       |
| 480,905   | 1,226,945    | 890,074    | 121,779        | 29,940     | 17,917,500  | 10,625,838  | 52,403,968  | 4,699,486  | Jan         | 2007                  |
| 462,426   | 1,147,473    | 819,075    | 117,697        | 30,339     | 16,827,713  | 10,031,004  | 47,759,106  | 4,123,780  | Feb         |                       |
| 502,779   | 1,270,670    | 908,361    | 130,168        | 34,099     | 18,503,057  | 10,989,601  | 51,987,747  | 4,473,009  | Mar         |                       |
| 446,585   | 1,120,299    | 861,841    | 111,150        | 22,780     | 17,366,715  | 10,692,576  | 46,070,170  | 3,953,009  | Apr         |                       |
| 443,657   | 1,173,699    | 888,548    | 114,889        | 34,847     | 17,577,954  | 10,842,457  | 46,141,340  | 3,928,719  | May         |                       |
| 467,183   | 1,138,502    | 881,533    | 116,841        | 32,754     | 17,954,921  | 11,004,522  | 46,772,313  | 3,844,730  | Jun         |                       |
| 493,527   | 1,136,754    | 907,704    | 128,814        | 30,710     | 18,803,263  | 10,996,856  | 50,554,140  | 4,101,135  | Jul         |                       |
| 481,207   | 1,183,412    | 918,299    | 129,750        | 27,826     | 18,461,301  | 10,955,752  | 51,149,487  | 4,175,965  | Aug         |                       |
| 510,997   | 1,224,079    | 897,900    | 115,983        | 25,122     | 18,304,903  | 10,962,300  | 49,007,553  | 3,882,033  | Sep         |                       |
| 505,022   | 1,274,667    | 925,068    | 132,356        | 28,280     | 18,584,085  | 11,286,761  | 48,796,599  | 4,136,869  | Oct         |                       |
| 503,683   | 1,176,043    | 901,094    | 145,553        | 30,842     | 18,008,059  | 10,898,607  | 48,998,470  | 4,253,458  | Nov         |                       |
| 506,563   | 1,206,344    | 926,984    | 146,469        | 35,200     | 18,468,317  | 11,106,166  | 52,121,372  | 4,500,497  | Dec         |                       |
| 518,649   | 1,278,480    | 922,758    | 131,121        | 29,237     | 18,125,167  | 10,914,432  | 51,829,896  | 4,593,344  | Jan         | 2008                  |
| 7.8       | 4.2          | 3.7        | 7.7            | ▲ 2.3      | 1.2         | 2.7         | ▲ 1.1       | ▲ 2.3      | R. S        |                       |

1. Crude petroleum includes NGL・condensate in liquid form.

2. Heavy fuel oil C includes Heavy fuel oil B from 2003.

3. Coal includes the coal for making coke (material coal).

4. Coal coke includes pitch coke.

2. 業 種 別 統 計                      Ststistics by industry

(1) 業 種 別 エ ネ ル ギ ー 消 費                      Energy consumption by industry

1) 固有単位表(事業所ベース)                      Table of original unit

| 業 種<br><br>Industry                                    | 合 計<br>Total                                  | うち指定生産品目分<br>Specified Products<br>(原油換算)<br>Crude petroleum<br>equivalent<br>kl | 燃料 計<br>(原油換算)<br>Crude petroleum<br>equivalent<br>kl | 石油系燃料 計<br>(原油換算)<br>Crude petroleum<br>equivalent<br>kl | 原 油<br>Crude<br>petroleum<br>kl               | ガソリン<br>Gasoline<br>kl                        | ナフサ<br>Naphtha<br>kl                          | 改質生成油<br>Oil produced<br>by conversion<br>kl  |
|--------------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|
|                                                        | (原油換算)<br>Crude petroleum<br>equivalent<br>kl | (原油換算)<br>Crude petroleum<br>equivalent<br>kl                                    | (原油換算)<br>Crude petroleum<br>equivalent<br>kl         | (原油換算)<br>Crude petroleum<br>equivalent<br>kl            | (原油換算)<br>Crude petroleum<br>equivalent<br>kl | (原油換算)<br>Crude petroleum<br>equivalent<br>kl | (原油換算)<br>Crude petroleum<br>equivalent<br>kl | (原油換算)<br>Crude petroleum<br>equivalent<br>kl |
| 合 計<br>Total                                           | 21,426,942<br>16,805,583                      | 15,825,366                                                                       | 20,080,158<br>15,458,799                              | 8,837,045                                                | 35,491                                        | 6,581                                         | 3,212,488                                     | 1,840,809                                     |
| 重 複 事 業 所 分 補 正 量<br>Duplication adjustment            | 429,512                                       | —                                                                                | 396,770                                               | 77,460                                                   | —                                             | 228                                           | —                                             | —                                             |
| パ ル プ ・ 紙 ・ 板 紙 工 業<br>Pulp, Paper, Paperboard         | 1,258,571                                     | 1,157,293                                                                        | 1,171,241                                             | 249,944                                                  | —                                             | 20                                            | —                                             | —                                             |
| 化 学 工 業<br>Chemical industry                           | 8,194,302<br>7,488,374                        | 6,656,499                                                                        | 7,771,903<br>7,065,975                                | 6,411,798                                                | 35,491                                        | 19                                            | 3,191,751                                     | 1,840,809                                     |
| 化 学 繊 維 工 業<br>Chemical fibers                         | 235,772                                       | 77,669                                                                           | 200,928                                               | 91,832                                                   | —                                             | 7                                             | —                                             | —                                             |
| 石 油 製 品 工 業<br>Petroleum products                      | 1,677,975                                     | 1,435,476                                                                        | 1,626,936                                             | 1,596,134                                                | —                                             | 25                                            | 20,737                                        | —                                             |
| 窯 業 ・ 土 石 製 品 工 業<br>Ceramics, clay and stone products | 875,186<br>874,877                            | 571,569                                                                          | 824,731<br>824,422                                    | 181,167                                                  | —                                             | 23                                            | —                                             | —                                             |
| ガ ラ ス 製 品 工 業<br>Glass products                        | 71,500                                        | 66,284                                                                           | 55,622                                                | 27,560                                                   | —                                             | 1                                             | —                                             | —                                             |
| 鉄 鋼 業<br>Iron and steel                                | 8,852,056<br>4,936,933                        | 5,362,376                                                                        | 8,408,265<br>4,493,142                                | 227,448                                                  | —                                             | 246                                           | —                                             | —                                             |
| 非 鉄 金 属 地 金 工 業<br>Non-ferrous metals                  | 123,519                                       | 102,902                                                                          | 73,237                                                | 39,259                                                   | —                                             | 6                                             | —                                             | —                                             |
| 機 械 工 業<br>Machinery                                   | 567,585                                       | 395,298                                                                          | 344,075                                               | 89,370                                                   | —                                             | 6,462                                         | —                                             | —                                             |

2) 熱量単位表(事業所ベース)                      Table of energy unit

|                                                        |                            |             |                            |             |           |         |             |            |
|--------------------------------------------------------|----------------------------|-------------|----------------------------|-------------|-----------|---------|-------------|------------|
| 合 計<br>Total                                           | 829,222,728<br>650,376,151 | 612,441,807 | 777,102,094<br>598,255,517 | 341,993,614 | 1,261,680 | 227,702 | 107,939,597 | 64,612,397 |
| 重 複 事 業 所 分 補 正 量<br>Duplication adjustment            | 16,622,013                 | —           | 15,354,900                 | 2,997,635   | —         | 7,889   | —           | —          |
| パ ル プ ・ 紙 ・ 板 紙 工 業<br>Pulp, Paper, Paperboard         | 48,706,662                 | 44,787,261  | 45,326,951                 | 9,672,847   | —         | 692     | —           | —          |
| 化 学 工 業<br>Chemical industry                           | 317,119,361<br>289,799,962 | 257,606,565 | 300,772,475<br>273,453,076 | 248,136,298 | 1,261,680 | 658     | 107,242,834 | 64,612,397 |
| 化 学 繊 維 工 業<br>Chemical fibers                         | 9,124,239                  | 3,005,825   | 7,775,878                  | 3,553,873   | —         | 242     | —           | —          |
| 石 油 製 品 工 業<br>Petroleum products                      | 64,937,749                 | 55,552,884  | 62,962,560                 | 61,770,522  | —         | 865     | 696,762     | —          |
| 窯 業 ・ 土 石 製 品 工 業<br>Ceramics, clay and stone products | 33,869,637<br>33,857,678   | 22,119,771  | 31,916,997<br>31,905,038   | 7,011,122   | —         | 797     | —           | —          |
| ガ ラ ス 製 品 工 業<br>Glass products                        | 2,767,101                  | 2,565,239   | 2,152,587                  | 1,066,526   | —         | 35      | —           | —          |
| 鉄 鋼 業<br>Iron and steel                                | 342,574,277<br>191,059,058 | 207,523,939 | 325,399,573<br>173,884,354 | 8,802,190   | —         | 8,511   | —           | —          |
| 非 鉄 金 属 地 金 工 業<br>Non-ferrous metals                  | 4,780,209                  | 3,982,287   | 2,834,321                  | 1,519,401   | —         | 207     | —           | —          |
| 機 械 工 業<br>Machinery                                   | 21,965,544                 | 15,298,036  | 13,315,695                 | 3,458,508   | —         | 223,585 | —           | —          |

注 1. 原油には天然ガス液(NGL)を含む。                      2. 石炭にはコークス製造用炭(原料炭)を含む。  
3. 石炭コークスにはピッチコークスを含む。                      4. 合計、化学工業、窯業・土石製品工業、鉄鋼業については、ネットの数値も表示した。

| (石油系燃料)               |                      |                                       |                                  |                                      |                                |                    |                                                             |                                | (次頁へ続く)                                                                          |
|-----------------------|----------------------|---------------------------------------|----------------------------------|--------------------------------------|--------------------------------|--------------------|-------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------|
| 灯 油<br>Kerosene<br>kl | 軽 油<br>Gas oil<br>kl | 重油 計<br>Heavy Fuel<br>oil total<br>kl | A重油<br>Heavy Fuel<br>oil A<br>kl | B・C重油<br>Heavy Fuel<br>oil B・C<br>kl | 炭化水素油<br>Hydrocarbon oil<br>kl | 液化石油ガス<br>LPG<br>t | 石油系炭化<br>水 素 ガス<br>Hydrocarbon<br>gas<br>1000m <sup>3</sup> | オイルコークス<br>Petroleum Coke<br>t | 非石油系燃料 計<br>Non-oil based fuels<br>(原油換算)<br>Crude petroleum<br>equivalent<br>kl |
| 135,318               | 33,872               | 980,427                               | 136,132                          | 844,295                              | 341,937                        | 601,552            | 1,472,099                                                   | 335,355                        | 11,243,118                                                                       |
| 1,878                 | 818                  | 55,171                                | 5,299                            | 49,872                               | —                              | 1,485              | —                                                           | 17,315                         | 319,310                                                                          |
| 5,381                 | 292                  | 215,458                               | 14,598                           | 200,860                              | 3,314                          | 1,575              | —                                                           | 8,628                          | 921,298                                                                          |
| 94,721                | 24,475               | 213,881                               | 5,632                            | 208,249                              | 154,384                        | 468,488            | 608,977                                                     | 135,885                        | 1,360,109                                                                        |
| 1,784                 | 33                   | 59,561                                | 9,722                            | 49,839                               | 107                            | 696                | —                                                           | 32,732                         | 109,093                                                                          |
| 2,783                 | 308                  | 271,415                               | 9,554                            | 261,861                              | 149,649                        | 71,872             | 863,071                                                     | 31,449                         | 30,803                                                                           |
| 4,288                 | 935                  | 89,486                                | 6,652                            | 82,834                               | 15,366                         | 3,453              | —                                                           | 75,840                         | 643,561                                                                          |
| 294                   | 2                    | 17,904                                | 6,591                            | 11,313                               | —                              | 6,376              | —                                                           | —                              | 28,061                                                                           |
| 9,902                 | 4,160                | 99,200                                | 34,954                           | 64,246                               | 11,911                         | 33,467             | 51                                                          | 67,336                         | 8,180,813                                                                        |
| 3,059                 | 331                  | 25,018                                | 12,321                           | 12,697                               | 7,089                          | 1,176              | —                                                           | 800                            | 33,978                                                                           |
| 14,984                | 4,154                | 43,675                                | 41,407                           | 2,268                                | 117                            | 15,934             | —                                                           | —                              | 254,709                                                                          |
|                       |                      |                                       |                                  |                                      |                                |                    |                                                             |                                | (単位Unit: GJ)                                                                     |
| 4,966,174             | 1,276,981            | 40,698,731                            | 5,322,771                        | 35,375,966                           | 14,327,163                     | 30,558,841         | 66,097,247                                                  | 10,027,118                     | 435,108,484                                                                      |
| 68,921                | 30,840               | 2,296,830                             | 207,193                          | 2,089,638                            | —                              | 75,440             | —                                                           | 517,719                        | 12,357,266                                                                       |
| 197,486               | 11,008               | 8,986,818                             | 570,783                          | 8,416,038                            | 138,856                        | 80,011             | —                                                           | 257,977                        | 35,654,108                                                                       |
| 3,476,262             | 922,711              | 8,945,846                             | 220,211                          | 8,725,635                            | 6,468,691                      | 23,799,193         | 27,343,069                                                  | 4,062,962                      | 52,636,183                                                                       |
| 65,475                | 1,245                | 2,468,388                             | 380,131                          | 2,088,255                            | 4,484                          | 35,356             | —                                                           | 978,687                        | 4,222,008                                                                        |
| 102,139               | 11,613               | 11,345,538                            | 373,560                          | 10,971,976                           | 6,270,292                      | 3,651,098          | 38,751,887                                                  | 940,325                        | 1,192,037                                                                        |
| 157,371               | 35,253               | 3,730,841                             | 260,093                          | 3,470,749                            | 643,836                        | 175,413            | —                                                           | 2,267,617                      | 24,905,879                                                                       |
| 10,790                | 76                   | 731,724                               | 257,709                          | 474,016                              | —                              | 323,904            | —                                                           | —                              | 1,086,064                                                                        |
| 363,407               | 156,835              | 4,058,610                             | 1,366,702                        | 2,691,909                            | 499,071                        | 1,700,122          | 2,290                                                       | 2,013,347                      | 316,597,384                                                                      |
| 112,266               | 12,480               | 1,013,758                             | 481,756                          | 532,008                              | 297,031                        | 59,741             | —                                                           | 23,920                         | 1,314,920                                                                        |
| 549,919               | 156,606              | 1,714,048                             | 1,619,018                        | 95,030                               | 4,903                          | 809,450            | —                                                           | —                              | 9,857,200                                                                        |

1. Crude petroleum includes Natural gas in liquid form.

2. Coal includes the coal for making coke (material coal).

3. Coal coke includes pitch coke.

4. Net consumption is shown for Total and three industrial categories(Chemical;Ceramics,clay and stone products;Iron and steel).

(January,2008)

1) 固有単位表(事業所ベース) Table of original unit

| 業 種<br>Industry                                        | (続き) 非石油系燃料 Non-oil based fuels |                     |            |                          |                           |                               |                               |                     |
|--------------------------------------------------------|---------------------------------|---------------------|------------|--------------------------|---------------------------|-------------------------------|-------------------------------|---------------------|
|                                                        | 石 炭<br>Coal                     | 石炭コークス<br>Coal Coke | タール<br>Tar | コークス炉ガス<br>Coke oven gas | 高炉ガス<br>Blast furnace gas | 転炉ガス<br>Converter furnace gas | 電気炉ガス<br>Electric furnace gas | 天然ガス<br>Natural gas |
|                                                        | t                               | t                   | t          | 1000 m <sup>3</sup>      | 1000 m <sup>3</sup>       | 1000 m <sup>3</sup>           | 1000 m <sup>3</sup>           | 1000 m <sup>3</sup> |
| <b>合 計</b><br>Total                                    | 8,102,671                       | 3,269,085           | 45,200     | 1,146,819                | 8,159,983                 | 562,054                       | 9,234                         | 53,416              |
| <b>重 複 事 業 所 分 補 正 量</b><br>Duplication adjustment     | 428,561                         | 11,788              | —          | —                        | —                         | —                             | —                             | 4,889               |
| パ ル プ ・ 紙 ・ 板 紙 工 業<br>Pulp, Paper, Paperboard         | 468,488                         | —                   | —          | —                        | —                         | —                             | —                             | 2,440               |
| 化 学 工 業<br>Chemical industry                           | 1,573,723                       | 16,394              | 37,958     | 124,527                  | 99,248                    | 8,970                         | —                             | 41,292              |
| 化 学 繊 維 工 業<br>Chemical fibers                         | 118,735                         | —                   | —          | —                        | —                         | —                             | —                             | —                   |
| 石 油 製 品 工 業<br>Petroleum products                      | 37,161                          | —                   | —          | —                        | —                         | —                             | —                             | 76                  |
| 窯 業 ・ 土 石 製 品 工 業<br>Ceramics, clay and stone products | 865,601                         | 37,839              | —          | 29,635                   | 8,399                     | 23,288                        | 2,705                         | 4,942               |
| ガ ラ ス 製 品 工 業<br>Glass products                        | —                               | —                   | —          | —                        | —                         | —                             | —                             | —                   |
| 鉄 鋼 業<br>Iron and steel                                | 5,436,666                       | 3,195,945           | 7,242      | 992,657                  | 8,011,159                 | 529,796                       | 6,529                         | 1,013               |
| 非 鉄 金 属 地 金 工 業<br>Non-ferrous metals                  | 7,038                           | 25,128              | —          | —                        | 41,177                    | —                             | —                             | 625                 |
| 機 械 工 業<br>Machinery                                   | 23,820                          | 5,567               | —          | —                        | —                         | —                             | —                             | 7,917               |

2) 熱量単位表(事業所ベース) Table of energy unit

|                                                        |             |            |           |            |            |           |        |           |
|--------------------------------------------------------|-------------|------------|-----------|------------|------------|-----------|--------|-----------|
| <b>合 計</b><br>Total                                    | 222,189,993 | 96,111,102 | 1,685,960 | 24,197,879 | 27,825,539 | 4,726,872 | 77,658 | 2,323,601 |
| <b>重 複 事 業 所 分 補 正 量</b><br>Duplication adjustment     | 11,014,019  | 346,567    | —         | —          | —          | —         | —      | 212,672   |
| パ ル プ ・ 紙 ・ 板 紙 工 業<br>Pulp, Paper, Paperboard         | 12,040,144  | —          | —         | —          | —          | —         | —      | 106,140   |
| 化 学 工 業<br>Chemical industry                           | 40,444,684  | 481,984    | 1,415,833 | 2,627,522  | 338,436    | 75,437    | —      | 1,796,204 |
| 化 学 繊 維 工 業<br>Chemical fibers                         | 3,051,490   | —          | —         | —          | —          | —         | —      | —         |
| 石 油 製 品 工 業<br>Petroleum products                      | 955,037     | —          | —         | —          | —          | —         | —      | 3,307     |
| 窯 業 ・ 土 石 製 品 工 業<br>Ceramics, clay and stone products | 22,245,948  | 1,112,467  | —         | 625,299    | 28,640     | 195,851   | 22,749 | 214,978   |
| ガ ラ ス 製 品 工 業<br>Glass products                        | —           | —          | —         | —          | —          | —         | —      | —         |
| 鉄 鋼 業<br>Iron and steel                                | 153,673,657 | 93,960,786 | 270,127   | 20,945,064 | 27,318,049 | 4,455,583 | 54,909 | 44,067    |
| 非 鉄 金 属 地 金 工 業<br>Non-ferrous metals                  | 180,877     | 738,765    | —         | —          | 140,413    | —         | —      | 27,188    |
| 機 械 工 業<br>Machinery                                   | 612,174     | 163,669    | —         | —          | —          | —         | —      | 344,392   |

| (非石油系燃料)           |                                           |                              |                                      |                               |                         | 電 力                    |                                              | 蒸 気        |                                       |
|--------------------|-------------------------------------------|------------------------------|--------------------------------------|-------------------------------|-------------------------|------------------------|----------------------------------------------|------------|---------------------------------------|
| 液化天然ガス<br>LNG<br>t | 都市ガス(B)<br>Town gas<br>1000m <sup>3</sup> | 回収黒液<br>Black liquor<br>絶乾 t | 酸 素<br>Oxygen<br>1000Nm <sup>3</sup> | 廃 材<br>Waste material<br>絶乾 t | 廃タイヤ<br>Used tires<br>t | Electricity<br>1000kWh | うち購入分<br>among those<br>purchased<br>1000kWh | Steam<br>t | うち受入分<br>among those<br>accepted<br>t |
| 148,343            | 518,649                                   | 1,278,480                    | 922,758                              | 131,121                       | 29,237                  | 18,125,167             | 10,914,432                                   | 51,829,896 | 4,593,344                             |
| 4,104              | 12,985                                    | —                            | —                                    | —                             | 791                     | 1,109,777              | 316,995                                      | 3,443,374  | 19,675                                |
| 8,910              | 82,482                                    | 1,278,480                    | —                                    | 131,121                       | 18,618                  | 2,903,290              | 822,557                                      | 15,721,150 | 126,651                               |
| 62,930             | 48,491                                    | —                            | —                                    | —                             | 817                     | 3,529,352              | 1,964,557                                    | 14,688,080 | 3,385,329                             |
| 608                | 27,672                                    | —                            | —                                    | —                             | —                       | 563,470                | 248,309                                      | 2,413,657  | 169,887                               |
| 4,253              | 36                                        | —                            | —                                    | —                             | —                       | 1,117,171              | 201,831                                      | 8,979,258  | 466,765                               |
| —                  | 2,634                                     | —                            | —                                    | —                             | 10,593                  | 1,463,152              | 512,211                                      | 4,113,005  | 13,226                                |
| 7,074              | 17,027                                    | —                            | —                                    | —                             | —                       | 180,807                | 165,344                                      | 29,696     | 1,267                                 |
| 57,916             | 149,462                                   | —                            | 922,758                              | —                             | —                       | 6,121,860              | 4,475,222                                    | 8,994,576  | 397,578                               |
| 1,040              | 4,158                                     | —                            | —                                    | —                             | —                       | 542,614                | 438,660                                      | 333,848    | 52,316                                |
| 9,716              | 199,669                                   | —                            | —                                    | —                             | —                       | 2,813,228              | 2,402,736                                    | —          | —                                     |

| (単位Unit:GJ) |            |            |           |           |         |            |            |             |            |
|-------------|------------|------------|-----------|-----------|---------|------------|------------|-------------|------------|
| 8,099,529   | 21,316,448 | 16,875,939 | 6,570,039 | 2,137,273 | 970,667 | 65,250,601 | 39,291,956 | 138,644,976 | 12,287,193 |
| 224,079     | 533,667    | —          | —         | —         | 26,261  | 3,995,197  | 1,141,183  | 9,211,026   | 52,630     |
| 486,486     | 3,390,012  | 16,875,939 | —         | 2,137,273 | 618,117 | 10,451,844 | 2,961,207  | 42,054,080  | 338,790    |
| 3,435,979   | 1,992,981  | —          | —         | —         | 27,124  | 12,705,666 | 7,072,405  | 39,290,616  | 9,055,753  |
| 33,197      | 1,137,322  | —          | —         | —         | —       | 2,028,492  | 893,913    | 6,456,535   | 454,448    |
| 232,213     | 1,480      | —          | —         | —         | —       | 4,021,816  | 726,591    | 24,019,515  | 1,248,598  |
| —           | 108,257    | —          | —         | —         | 351,687 | 5,267,347  | 1,843,960  | 11,002,290  | 35,380     |
| 386,242     | 699,822    | —          | —         | —         | —       | 650,905    | 595,238    | 79,437      | 3,389      |
| 3,162,214   | 6,142,892  | —          | 6,570,039 | —         | —       | 22,038,693 | 16,110,799 | 24,060,488  | 1,063,520  |
| 56,784      | 170,894    | —          | —         | —         | —       | 1,953,410  | 1,579,172  | 893,042     | 139,945    |
| 530,493     | 8,206,471  | —          | —         | —         | —       | 10,127,621 | 8,649,849  | —           | —          |

## 種 別 統 計 by Fuel

## (2) 燃 料 受 払 Fuel input/output

## 1) 燃料種別表(事業所ベースの9調査対象業種合計) Table by Fuel

## ① 固 有 単 位 表 Table of original unit

| 種 別                      | 単 位<br>Unit         | 受 入<br>Receipts | 発生・回収又は生産<br>Generation、<br>recovery<br>and/or<br>production | 消 費                      |                     |                                      |
|--------------------------|---------------------|-----------------|--------------------------------------------------------------|--------------------------|---------------------|--------------------------------------|
|                          |                     |                 |                                                              | 合 計<br>Total             | ボイラ用<br>for Boilers | コージェネ<br>レーション用<br>for Co-generation |
| 合 計 ( 原 油 換 算 )<br>(ネット) | kl                  | 14,958,757      | 4,639,167                                                    | 20,080,158<br>15,458,799 | 3,287,287           | 531,123                              |
| 石 油 系 燃 料 ( 原 油 換 算 )    | "                   | 6,512,315       | —                                                            | 8,837,045                | 1,182,178           | 295,343                              |
| 原 ガ ソ リ ン                | "                   | 35,642          | —                                                            | 35,491                   | 436                 | —                                    |
| ナ フ サ                    | "                   | 6,580           | —                                                            | 6,581                    | —                   | —                                    |
| 改 質 生 成 油                | "                   | 3,269,324       | —                                                            | 3,212,488                | 523                 | 180                                  |
| 灯 油                      | "                   | 1,848,106       | —                                                            | 1,840,809                | —                   | —                                    |
| 軽 油                      | "                   | 131,463         | —                                                            | 135,318                  | 7,221               | 5,602                                |
| 重 油                      | "                   | 36,545          | —                                                            | 33,872                   | 180                 | 67                                   |
| 油 計                      | "                   | 708,562         | —                                                            | 980,427                  | 573,128             | 27,576                               |
| A 重 油                    | "                   | 119,981         | —                                                            | 136,132                  | 54,384              | 11,438                               |
| B ・ C 重 油                | "                   | 588,581         | —                                                            | 844,295                  | 518,744             | 16,138                               |
| 炭 化 水 素 油                | "                   | 48,500          | —                                                            | 341,937                  | 187,784             | 74,034                               |
| 液 化 石 油 ガ ス              | t                   | 593,093         | —                                                            | 601,552                  | 14,649              | 20,814                               |
| 石 油 系 炭 化 水 素 ガ ス        | 1000m <sup>3</sup>  | 13,850          | —                                                            | 1,472,099                | 173,563             | 132,135                              |
| オ イ ル コ ー ク ス            | t                   | 250,016         | —                                                            | 335,355                  | 173,188             | —                                    |
| 非 石 油 系 燃 料 ( 原 油 換 算 )  | kl                  | 8,446,446       | 4,639,167                                                    | 11,243,118               | 2,105,111           | 235,781                              |
| 石 炭 コ ー ク 炭              | t                   | 8,648,448       | —                                                            | 8,102,671                | 1,588,896           | —                                    |
| 石 炭                      | "                   | 943,992         | 3,298,509                                                    | 3,269,085                | —                   | —                                    |
| タ コ ー ク ス 炉 ガ ス          | "                   | 28,391          | 68,477                                                       | 45,200                   | —                   | —                                    |
| コ ー ク ス 炉 ガ ス            | 1000m <sup>3</sup>  | 206,980         | 1,432,518                                                    | 1,146,819                | 119,061             | 2,867                                |
| 高 圧 炉 ガ ス                | "                   | 242,910         | 11,641,992                                                   | 8,159,983                | 2,717,267           | 296,576                              |
| 電 気 炉 ガ ス                | "                   | 42,680          | 807,046                                                      | 562,054                  | 192,447             | 19,465                               |
| 天 然 気 炉 ガ ス              | "                   | 1,283           | 14,851                                                       | 9,234                    | 5,747               | —                                    |
| 液 化 天 然 気 ガ ス            | "                   | 40,534          | 15,843                                                       | 53,416                   | 18,811              | 8,048                                |
| 都 市 ガ ス ( A )            | t                   | 155,168         | —                                                            | 148,343                  | 31,619              | 17,393                               |
| 都 市 ガ ス ( B )            | 1000m <sup>3</sup>  | 475,129         | —                                                            | 475,116                  | 112,768             | 146,586                              |
| 回 収 ガ ス ( B )            | "                   | 518,662         | —                                                            | 518,649                  | 121,988             | 160,326                              |
| 酸 黒 液                    | 絶乾t                 | 1,277,799       | —                                                            | 1,278,480                | 1,278,480           | —                                    |
| 廃 素 材                    | 1000Nm <sup>3</sup> | 623,170         | 348,138                                                      | 922,758                  | —                   | —                                    |
| 廃 材 ヤ                    | 絶乾t                 | 130,352         | —                                                            | 131,121                  | 130,976             | —                                    |
| タ イ ヤ                    | t                   | 25,539          | —                                                            | 29,237                   | 18,644              | —                                    |

## ② 熱 量 単 位 表 Table of energy unit

|                          |    |             |             |                            |             |            |
|--------------------------|----|-------------|-------------|----------------------------|-------------|------------|
| 合 計 ( 原 油 換 算 )<br>(ネット) | GJ | 578,903,844 | 179,535,748 | 777,102,094<br>598,255,517 | 127,217,913 | 20,554,444 |
| 石 油 系 燃 料 ( 原 油 換 算 )    | "  | 252,026,496 | —           | 341,993,614                | 45,750,166  | 11,429,815 |
| 原 ガ ソ リ ン                | "  | 1,267,165   | —           | 1,261,680                  | 15,391      | —          |
| ナ フ サ                    | "  | 227,666     | —           | 227,702                    | —           | —          |
| 改 質 生 成 油                | "  | 109,849,287 | —           | 107,939,597                | 17,573      | 6,048      |
| 灯 油                      | "  | 64,868,521  | —           | 64,612,397                 | —           | —          |
| 軽 油                      | "  | 4,824,692   | —           | 4,966,174                  | 265,012     | 205,594    |
| 重 油                      | "  | 1,377,750   | —           | 1,276,981                  | 6,786       | 2,526      |
| 油 計                      | "  | 29,352,802  | —           | 40,698,731                 | 23,861,792  | 1,123,408  |
| A 重 油                    | "  | 4,691,257   | —           | 5,322,771                  | 2,126,419   | 447,225    |
| B ・ C 重 油                | "  | 24,661,545  | —           | 35,375,966                 | 21,735,374  | 676,183    |
| 炭 化 水 素 油                | "  | 2,032,150   | —           | 14,327,163                 | 7,868,152   | 3,102,024  |
| 液 化 石 油 ガ ス              | "  | 30,129,129  | —           | 30,558,841                 | 744,168     | 1,057,351  |
| 石 油 系 炭 化 水 素 ガ ス        | "  | 621,865     | —           | 66,097,247                 | 7,792,980   | 5,932,862  |
| オ イ ル コ ー ク ス            | "  | 7,475,481   | —           | 10,027,118                 | 5,178,321   | —          |
| 非 石 油 系 燃 料 ( 原 油 換 算 )  | "  | 326,877,347 | 179,535,748 | 435,108,484                | 81,467,747  | 9,124,631  |
| 石 炭 コ ー ク 炭              | "  | 236,670,777 | —           | 222,189,993                | 40,834,631  | —          |
| 石 炭                      | "  | 27,753,368  | 96,976,164  | 96,111,102                 | —           | —          |
| タ コ ー ク ス 炉 ガ ス          | "  | 1,058,984   | 2,554,191   | 1,685,960                  | —           | —          |
| コ ー ク ス 炉 ガ ス            | "  | 4,367,279   | 30,226,129  | 24,197,879                 | 2,512,187   | 60,494     |
| 高 圧 炉 ガ ス                | "  | 828,323     | 39,699,192  | 27,825,539                 | 9,265,879   | 1,011,324  |
| 電 気 炉 ガ ス                | "  | 358,938     | 6,787,257   | 4,726,872                  | 1,618,478   | 163,700    |
| 天 然 気 炉 ガ ス              | "  | 10,790      | 124,897     | 77,658                     | 48,332      | —          |
| 液 化 天 然 気 ガ ス            | "  | 1,763,231   | 689,171     | 2,323,601                  | 818,279     | 350,089    |
| 都 市 ガ ス ( A )            | "  | 8,472,173   | —           | 8,099,529                  | 1,726,397   | 949,658    |
| 都 市 ガ ス ( B )            | "  | 21,316,944  | —           | 21,316,448                 | 5,013,739   | 6,589,368  |
| 回 収 黒 液                  | "  | 16,866,949  | —           | 16,875,939                 | 16,875,939  | —          |
| 酸 素 材                    | "  | 4,436,970   | 2,478,743   | 6,570,039                  | —           | —          |
| 廃 材 ヤ                    | "  | 2,124,739   | —           | 2,137,273                  | 2,134,909   | —          |
| タ イ ヤ                    | "  | 847,895     | —           | 970,667                    | 618,980     | —          |

(平成20年1月分)

| Consumption<br>ボイラ用及びコージェネレーション用以外に使用したもの<br>for purposes other than boilers and co-generation |                       |                             |                    | 払 出<br>Shipment | 月末在庫<br>Inventory | Fuels                                                       |
|------------------------------------------------------------------------------------------------|-----------------------|-----------------------------|--------------------|-----------------|-------------------|-------------------------------------------------------------|
| 計<br>Total                                                                                     | 原 料 用<br>as Materials | 直接加熱用<br>for Direct heating | その他用<br>for Others |                 |                   |                                                             |
| 16,261,748                                                                                     | 9,074,819             | 6,866,300                   | 320,629            | 2,041,594       | 9,765,870         | <b>Total<br/>(Crude petroleum equivalent)</b>               |
| 7,359,524                                                                                      | 5,406,670             | 1,781,777                   | 171,077            | 170,664         | 1,917,568         | <b>Oil based fuels<br/>(Crude petroleum equivalent)</b>     |
| 35,055                                                                                         | 35,055                | —                           | —                  | 6,419           | 26,418            | Crude petroleum                                             |
| 6,581                                                                                          | —                     | —                           | 6,581              | 4               | 2,015             | Gasoline                                                    |
| 3,211,785                                                                                      | 3,205,150             | 6,635                       | —                  | 68,797          | 774,120           | Naphtha                                                     |
| 1,840,809                                                                                      | 1,840,809             | —                           | —                  | 6,031           | 13,859            | Oil produced by conversion                                  |
| 122,495                                                                                        | 86,726                | 23,524                      | 12,245             | 57              | 25,789            | Kerosene                                                    |
| 33,625                                                                                         | 24,262                | 2,158                       | 7,205              | 453             | 16,764            | Gas oil                                                     |
| 379,723                                                                                        | 50,577                | 291,797                     | 37,349             | 25,717          | 455,769           | Heavy Fuel oil total                                        |
| 70,310                                                                                         | 22                    | 49,393                      | 20,895             | 1,019           | 74,894            | Heavy Fuel oil A                                            |
| 309,413                                                                                        | 50,555                | 242,404                     | 16,454             | 24,698          | 380,875           | Heavy Fuel oil B・C                                          |
| 80,119                                                                                         | 25,667                | 52,643                      | 1,809              | 63              | 10,663            | Hydrocarbon oil                                             |
| 566,089                                                                                        | 471,528               | 60,675                      | 33,886             | 46,813          | 91,552            | Liquefied petroleum gas                                     |
| 1,166,401                                                                                      | 49,632                | 1,064,251                   | 52,518             | —               | —                 | Hydrocarbon gas                                             |
| 162,167                                                                                        | 73,987                | 87,834                      | 346                | 12,713          | 707,115           | Petroleum coke                                              |
| 8,902,226                                                                                      | 3,668,149             | 5,084,525                   | 149,552            | 1,870,929       | 7,848,306         | <b>Non-oil based fuels<br/>(Crude petroleum equivalent)</b> |
| 6,513,775                                                                                      | 4,844,926             | 1,667,807                   | 1,042              | 497,283         | 9,635,954         | Coal                                                        |
| 3,269,085                                                                                      | 38,253                | 3,217,968                   | 12,864             | 1,068,460       | 1,302,629         | Coal coke                                                   |
| 45,200                                                                                         | 44,234                | 966                         | —                  | 46,780          | 36,658            | Tar                                                         |
| 1,024,891                                                                                      | 862                   | 984,564                     | 39,465             | 453,983         | —                 | Coke oven gas                                               |
| 5,146,140                                                                                      | —                     | 4,770,993                   | 375,147            | 3,505,816       | —                 | Blast furnace gas                                           |
| 350,142                                                                                        | —                     | 322,437                     | 27,705             | 245,288         | —                 | Converter furnace gas                                       |
| 3,487                                                                                          | —                     | 3,487                       | —                  | 6,903           | —                 | Electric furnace gas                                        |
| 26,557                                                                                         | 9,039                 | 14,441                      | 3,077              | 3,038           | —                 | Natural gas                                                 |
| 99,331                                                                                         | 24,263                | 67,026                      | 8,042              | 23,368          | 25,346            | LNG                                                         |
| 215,762                                                                                        | —                     | 174,266                     | 41,496             | —               | —                 | Town gas(A)                                                 |
| 236,335                                                                                        | —                     | 190,851                     | 45,484             | —               | —                 | Town gas(B)                                                 |
| —                                                                                              | —                     | —                           | —                  | —               | 2,714             | Black liquor                                                |
| 922,758                                                                                        | —                     | 841,233                     | 81,525             | 39,629          | 1,502             | Oxygen                                                      |
| 145                                                                                            | —                     | —                           | 145                | —               | 12,579            | Waste material                                              |
| 10,593                                                                                         | —                     | 10,214                      | 379                | —               | 32,799            | Used tires                                                  |
| 629,329,737                                                                                    | 351,195,449           | 265,725,876                 | 12,408,412         | 79,009,612      | 377,939,286       | <b>Total<br/>(Crude petroleum equivalent)</b>               |
| 284,813,633                                                                                    | 209,238,122           | 68,954,758                  | 6,620,753          | 6,604,715       | 74,209,910        | <b>Oil based fuels<br/>(Crude petroleum equivalent)</b>     |
| 1,246,289                                                                                      | 1,246,289             | —                           | —                  | 226,591         | 937,471           | Crude petroleum                                             |
| 227,702                                                                                        | —                     | —                           | 227,702            | 138             | 69,720            | Gasoline                                                    |
| 107,915,976                                                                                    | 107,693,041           | 222,935                     | —                  | 2,311,579       | 26,010,431        | Naphtha                                                     |
| 64,612,397                                                                                     | 64,612,397            | —                           | —                  | 211,688         | 486,451           | Oil produced by conversion                                  |
| 4,495,568                                                                                      | 3,182,845             | 863,331                     | 449,392            | 2,092           | 946,458           | Kerosene                                                    |
| 1,267,669                                                                                      | 914,678               | 81,357                      | 271,634            | 17,078          | 632,007           | Gas oil                                                     |
| 15,713,531                                                                                     | 2,119,114             | 12,087,999                  | 1,506,418          | 1,074,690       | 18,887,018        | Heavy Fuel oil total                                        |
| 2,749,127                                                                                      | 860                   | 1,931,270                   | 816,997            | 39,842          | 2,928,359         | Heavy Fuel oil A                                            |
| 12,964,409                                                                                     | 2,118,254             | 10,156,728                  | 689,427            | 1,034,847       | 15,958,666        | Heavy Fuel oil B・C                                          |
| 3,356,987                                                                                      | 1,075,447             | 2,205,742                   | 75,798             | 2,640           | 446,780           | Hydrocarbon oil                                             |
| 28,757,322                                                                                     | 23,953,622            | 3,082,290                   | 1,721,410          | 2,378,101       | 4,650,842         | Liquefied petroleum gas                                     |
| 52,371,405                                                                                     | 2,228,477             | 47,784,870                  | 2,358,058          | —               | —                 | Hydrocarbon gas                                             |
| 4,848,797                                                                                      | 2,212,212             | 2,626,239                   | 10,346             | 380,119         | 21,142,739        | Petroleum coke                                              |
| 344,516,106                                                                                    | 141,957,326           | 196,771,120                 | 5,787,660          | 72,404,898      | 303,729,377       | <b>Non-oil based fuels<br/>(Crude petroleum equivalent)</b> |
| 181,355,362                                                                                    | 137,446,616           | 43,881,966                  | 26,780             | 13,902,277      | 261,340,366       | Coal                                                        |
| 96,111,102                                                                                     | 1,124,638             | 94,608,260                  | 378,204            | 31,412,724      | 38,297,290        | Coal coke                                                   |
| 1,685,960                                                                                      | 1,649,928             | 36,032                      | —                  | 1,744,894       | 1,367,343         | Tar                                                         |
| 21,625,198                                                                                     | 18,188                | 20,774,300                  | 832,710            | 9,579,042       | —                 | Coke oven gas                                               |
| 17,548,336                                                                                     | —                     | 16,269,085                  | 1,279,251          | 11,954,834      | —                 | Blast furnace gas                                           |
| 2,944,694                                                                                      | —                     | 2,711,695                   | 232,999            | 2,062,872       | —                 | Converter furnace gas                                       |
| 29,326                                                                                         | —                     | 29,326                      | —                  | 58,054          | —                 | Electric furnace gas                                        |
| 1,155,233                                                                                      | 393,197               | 628,185                     | 133,851            | 132,154         | —                 | Natural gas                                                 |
| 5,423,474                                                                                      | 1,324,760             | 3,659,619                   | 439,095            | 1,275,893       | 1,383,892         | LNG                                                         |
| 9,713,341                                                                                      | —                     | 7,843,970                   | 1,869,371          | —               | —                 | Town gas(B)                                                 |
| —                                                                                              | —                     | —                           | —                  | —               | 35,825            | Black liquor                                                |
| 6,570,039                                                                                      | —                     | 5,989,579                   | 580,460            | 282,159         | 10,693            | Oxygen                                                      |
| 2,364                                                                                          | —                     | —                           | 2,364              | —               | 205,040           | Waste material                                              |
| 351,687                                                                                        | —                     | 339,104                     | 12,583             | —               | 1,088,928         | Used tires                                                  |

(January,2008)

## 2) 業種別表(事業所ベース) Table for individual industry

## ① パルプ・紙・板紙工業 Pulp, Paper, Paperboard

| 種 別                     | 単 位<br>Unit | 受 入<br>Receipts | 消 費          |                     |                                      |
|-------------------------|-------------|-----------------|--------------|---------------------|--------------------------------------|
|                         |             |                 | 合 計<br>Total | ボイラ用<br>for Boilers | コージェネ<br>レーション用<br>for Co-generation |
| 合 計 ( 原 油 換 算 )         | kl          | 1,197,175       | 1,171,239    | 1,077,758           | 48,328                               |
| 石 油 系 燃 料 ( 原 油 換 算 )   | "           | 262,001         | 249,944      | 205,121             | 3,588                                |
| ガ ソ リ ン                 | "           | 17              | 20           | —                   | —                                    |
| 灯 油                     | "           | 5,217           | 5,381        | 354                 | 2,804                                |
| 軽 油                     | "           | 298             | 292          | 3                   | 22                                   |
| 重 油 計                   | "           | 226,224         | 215,458      | 181,517             | 898                                  |
| A 重 油                   | "           | 14,158          | 14,598       | 12,651              | 898                                  |
| B ・ C 重 油               | "           | 212,066         | 200,860      | 168,866             | —                                    |
| 炭 化 水 素 油               | "           | 3,165           | 3,314        | 2,234               | —                                    |
| 液 化 石 油 ガ ス             | t           | 1,619           | 1,575        | 595                 | —                                    |
| オ イ ル コ ー ク ス           | "           | 9,436           | 8,628        | 7,730               | —                                    |
| 非 石 油 系 燃 料 ( 原 油 換 算 ) | kl          | 935,175         | 921,295      | 872,636             | 44,740                               |
| 石 炭                     | t           | 495,512         | 468,488      | 468,488             | —                                    |
| 天 然 ガ ス                 | 1000m³      | 2,440           | 2,440        | 2,410               | —                                    |
| 液 化 天 然 ガ ス             | t           | 8,988           | 8,910        | 4,268               | 3,819                                |
| 都 市 ガ ス ( A )           | 1000m³      | 77,404          | 77,404       | 40,188              | 34,684                               |
| 都 市 ガ ス ( B )           | "           | 82,480          | 82,482       | 42,921              | 37,054                               |
| 回 収 黒 液                 | 絶乾t         | 1,277,799       | 1,278,480    | 1,278,480           | —                                    |
| 廃 材                     | "           | 130,352         | 131,121      | 130,976             | —                                    |
| 廃 タ イ ヤ                 | t           | 14,401          | 18,618       | 18,618              | —                                    |

## ② 化学繊維工業 Chemical fibers

|                         |        |         |         |         |        |
|-------------------------|--------|---------|---------|---------|--------|
| 合 計 ( 原 油 換 算 )         | kl     | 210,466 | 200,927 | 168,135 | 15,842 |
| 石 油 系 燃 料 ( 原 油 換 算 )   | "      | 77,016  | 91,831  | 75,254  | 2,672  |
| ガ ソ リ ン                 | "      | 7       | 7       | —       | —      |
| 灯 油                     | "      | 1,712   | 1,784   | 149     | —      |
| 軽 油                     | "      | 32      | 33      | —       | 11     |
| 重 油 計                   | "      | 56,500  | 59,561  | 46,327  | 2,506  |
| A 重 油                   | "      | 9,189   | 9,722   | 6,277   | 723    |
| B ・ C 重 油               | "      | 47,311  | 49,839  | 40,050  | 1,783  |
| 炭 化 水 素 油               | "      | 107     | 107     | 107     | —      |
| 液 化 石 油 ガ ス             | t      | 701     | 696     | 3       | —      |
| オ イ ル コ ー ク ス           | "      | 17,877  | 32,732  | 32,732  | —      |
| 非 石 油 系 燃 料 ( 原 油 換 算 ) | kl     | 133,450 | 109,096 | 92,881  | 13,170 |
| 石 炭                     | t      | 155,232 | 118,735 | 118,735 | —      |
| 液 化 天 然 ガ ス             | "      | 682     | 608     | 608     | —      |
| 都 市 ガ ス ( A )           | 1000m³ | 25,558  | 25,545  | 11,523  | 11,362 |
| 都 市 ガ ス ( B )           | "      | 27,684  | 27,672  | 12,404  | 12,401 |

(平成20年1月分)

| ボイラ用及びコージェネレーション用以外に使用したもの<br>for purposes other than boilers and co-generation |                             |                    | 払 出<br>Shipment | 月末在庫<br>Inventory | Fuels                                                       |
|---------------------------------------------------------------------------------|-----------------------------|--------------------|-----------------|-------------------|-------------------------------------------------------------|
| 計<br>Total                                                                      | 直接加熱用<br>for Direct heating | その他用<br>for Others |                 |                   |                                                             |
| 45,153                                                                          | 40,434                      | 4,719              | 26,180          | 616,259           | <b>Total<br/>(Crude petroleum equivalent)</b>               |
| 41,235                                                                          | 37,165                      | 4,070              | 16,521          | 141,319           | <b>Oil based fuels<br/>(Crude petroleum equivalent)</b>     |
| 20                                                                              | —                           | 20                 | —               | 2                 | Gasoline                                                    |
| 2,223                                                                           | 1,753                       | 470                | 42              | 1,714             | Kerosene                                                    |
| 267                                                                             | 4                           | 263                | —               | 32                | Gas oil                                                     |
| 33,043                                                                          | 30,478                      | 2,565              | 15,224          | 127,540           | Heavy Fuel oil total                                        |
| 1,049                                                                           | 651                         | 398                | 23              | 8,015             | Heavy Fuel oil A                                            |
| 31,994                                                                          | 29,827                      | 2,167              | 15,201          | 119,525           | Heavy Fuel oil B・C                                          |
| 1,080                                                                           | 985                         | 95                 | —               | 697               | Hydrocarbon oil                                             |
| 980                                                                             | 600                         | 380                | —               | 145               | Liquefied petroleum gas                                     |
| 898                                                                             | 898                         | —                  | —               | 1,566             | Petroleum coke                                              |
| 3,918                                                                           | 3,269                       | 650                | 9,659           | 474,940           | <b>Non-oil based fuels</b>                                  |
| —                                                                               | —                           | —                  | 14,545          | 680,364           | Coal                                                        |
| 30                                                                              | —                           | 30                 | —               | —                 | Natural gas                                                 |
| 823                                                                             | 706                         | 117                | —               | 504               | LNG                                                         |
| 2,532                                                                           | 2,195                       | 337                | …               | …                 | Town gas(A)                                                 |
| 2,507                                                                           | 2,140                       | 367                | …               | …                 | Town gas(B)                                                 |
| —                                                                               | —                           | —                  | —               | 2,714             | Black liquor                                                |
| 145                                                                             | —                           | 145                | —               | 12,579            | Waste material                                              |
| —                                                                               | —                           | —                  | —               | 18,869            | Used tires                                                  |
| 16,951                                                                          | 10,789                      | 6,162              | 333             | 130,914           | <b>Total<br/>(Crude petroleum equivalent)</b>               |
| 13,906                                                                          | 8,254                       | 5,652              | 333             | 82,555            | <b>Oil based fuels<br/>(Crude petroleum equivalent)</b>     |
| 7                                                                               | —                           | 7                  | —               | —                 | Gasoline                                                    |
| 1,635                                                                           | 220                         | 1,415              | —               | 964               | Kerosene                                                    |
| 22                                                                              | —                           | 22                 | —               | 6                 | Gas oil                                                     |
| 10,728                                                                          | 6,697                       | 4,031              | 308             | 50,138            | Heavy Fuel oil total                                        |
| 2,722                                                                           | 1,234                       | 1,488              | —               | 6,773             | Heavy Fuel oil A                                            |
| 8,006                                                                           | 5,463                       | 2,543              | 308             | 43,365            | Heavy Fuel oil B・C                                          |
| —                                                                               | —                           | —                  | —               | —                 | Hydrocarbon oil                                             |
| 693                                                                             | 673                         | 20                 | —               | 90                | Liquefied petroleum gas                                     |
| —                                                                               | —                           | —                  | —               | 35,883            | Petroleum coke                                              |
| 3,045                                                                           | 2,535                       | 510                | —               | 48,359            | <b>Non-oil based fuels<br/>(Crude petroleum equivalent)</b> |
| —                                                                               | —                           | —                  | —               | 72,612            | Coal                                                        |
| —                                                                               | —                           | —                  | —               | 98                | LNG                                                         |
| 2,660                                                                           | 2,213                       | 447                | —               | —                 | Town gas(A)                                                 |
| 2,867                                                                           | 2,387                       | 480                | —               | —                 | Town gas(B)                                                 |

(January,2008)

## ③ 石油製品工業 Petroleum products

| 種 別                     | 単 位<br>Unit | 受 入<br>Receipts | 消 費          |                     |                                      |
|-------------------------|-------------|-----------------|--------------|---------------------|--------------------------------------|
|                         |             |                 | 合 計<br>Total | ボイラ用<br>for Boilers | コージェネ<br>レーション用<br>for Co-generation |
| 合 計 ( 原 油 換 算 )         | kl          | 6,039           | 1,626,939    | 478,205             | 216,843                              |
| 石 油 系 燃 料 ( 原 油 換 算 )   | "           | …               | 1,596,137    | 453,522             | 216,779                              |
| ガ ソ リ ン                 | "           | …               | 25           | —                   | —                                    |
| ナ フ サ                   | "           | …               | 20,737       | 523                 | 180                                  |
| 灯 油                     | "           | …               | 2,783        | 839                 | 1,685                                |
| 軽 油                     | "           | …               | 308          | 177                 | —                                    |
| 重 油 計                   | "           | …               | 271,415      | 190,230             | 6,205                                |
| A 重 油                   | "           | …               | 9,554        | 6,009               | 2,694                                |
| B ・ C 重 油               | "           | …               | 261,861      | 184,221             | 3,511                                |
| 炭 化 水 素 油               | "           | …               | 149,649      | 78,917              | 70,732                               |
| 液 化 石 油 ガ ス             | t           | …               | 71,872       | 1,312               | 18,583                               |
| 石 油 系 炭 化 水 素 ガ ス       | 1000m³      | …               | 863,071      | 116,456             | 92,680                               |
| オ イ ル コ ー ク ス           | t           | …               | 31,449       | 31,449              | —                                    |
| 非 石 油 系 燃 料 ( 原 油 換 算 ) | kl          | 6,039           | 30,802       | 24,682              | 64                                   |
| 石 炭                     | t           | —               | 37,161       | 37,161              | —                                    |
| 天 然 ガ ス                 | 1000m³      | —               | 76           | 4                   | 57                                   |
| 液 化 天 然 ガ ス             | t           | 4,253           | 4,253        | —                   | —                                    |
| 都 市 ガ ス ( A )           | 1000m³      | 33              | 33           | —                   | —                                    |
| 都 市 ガ ス ( B )           | "           | 36              | 36           | —                   | —                                    |

## ④ ガラス製品工業 Glass products

| 種 別                     | 単 位<br>Unit | 受 入<br>Receipts | 消 費          |                     |                                      |
|-------------------------|-------------|-----------------|--------------|---------------------|--------------------------------------|
|                         |             |                 | 合 計<br>Total | ボイラ用<br>for Boilers | コージェネ<br>レーション用<br>for Co-generation |
| 合 計 ( 原 油 換 算 )         | kl          | 53,994          | 55,622       | 1,837               | 2,965                                |
| 石 油 系 燃 料 ( 原 油 換 算 )   | "           | 25,934          | 27,559       | 1,162               | 707                                  |
| ガ ソ リ ン                 | "           | 1               | 1            | …                   | …                                    |
| 灯 油                     | "           | 238             | 294          | 133                 | —                                    |
| 軽 油                     | "           | 2               | 2            | —                   | —                                    |
| 重 油 計                   | "           | 16,453          | 17,904       | 548                 | 700                                  |
| A 重 油                   | "           | 5,869           | 6,591        | 548                 | 700                                  |
| B ・ C 重 油               | "           | 10,584          | 11,313       | —                   | —                                    |
| 液 化 石 油 ガ ス             | t           | 6,336           | 6,376        | 367                 | —                                    |
| 非 石 油 系 燃 料 ( 原 油 換 算 ) | kl          | 28,059          | 28,064       | 675                 | 2,258                                |
| 天 然 ガ ス                 | 1000m³      | —               | —            | —                   | —                                    |
| 液 化 天 然 ガ ス             | t           | 7,071           | 7,074        | 41                  | 1,312                                |
| 都 市 ガ ス ( A )           | 1000m³      | 15,712          | 15,712       | 536                 | 350                                  |
| 都 市 ガ ス ( B )           | "           | 17,027          | 17,027       | 581                 | 383                                  |

(平成20年1月分)

| Consumption                                                                     |                       |                             |                    | Fuels                                               |
|---------------------------------------------------------------------------------|-----------------------|-----------------------------|--------------------|-----------------------------------------------------|
| ボイラ用及びコージェネレーション用以外に使用したもの<br>for purposes other than boilers and co-generation |                       |                             |                    |                                                     |
| 計<br>Total                                                                      | 原 料 用<br>as Materials | 直接加熱用<br>for Direct heating | その他用<br>for Others |                                                     |
| 931,891                                                                         | 117,448               | 770,458                     | 43,985             | <b>Total</b><br><b>(Crude petroleum equivalent)</b> |
| 925,836                                                                         | 116,674               | 766,915                     | 42,246             | Oil based fuels<br>(Crude petroleum equivalent)     |
| 25                                                                              | —                     | —                           | 25                 | Gasoline                                            |
| 20,034                                                                          | 15,913                | 4,121                       | —                  | Naphtha                                             |
| 259                                                                             | —                     | 143                         | 116                | Kerosene                                            |
| 131                                                                             | —                     | —                           | 131                | Gas oil                                             |
| 74,980                                                                          | —                     | 73,465                      | 1,515              | Heavy Fuel oil total                                |
| 851                                                                             | —                     | 707                         | 144                | Heavy Fuel oil A                                    |
| 74,129                                                                          | —                     | 72,758                      | 1,371              | Heavy Fuel oil B・C                                  |
| —                                                                               | —                     | —                           | —                  | Hydrocarbon oil                                     |
| 51,977                                                                          | 48,384                | 3,593                       | —                  | Liquefied petroleum gas                             |
| 653,935                                                                         | 33,913                | 585,238                     | 34,784             | Hydrocarbon gas                                     |
| —                                                                               | —                     | —                           | —                  | Petroleum coke                                      |
| 6,055                                                                           | 775                   | 3,543                       | 1,738              | Non-oil based fuels<br>(Crude petroleum equivalent) |
| —                                                                               | —                     | —                           | —                  | Coal                                                |
| 15                                                                              | —                     | 15                          | —                  | Natural gas                                         |
| 4,253                                                                           | 549                   | 2,499                       | 1,205              | LNG                                                 |
| 33                                                                              | —                     | —                           | 33                 | Town gas(A)                                         |
| 36                                                                              | —                     | —                           | 36                 | Town gas(B)                                         |

| Consumption                                                                     |                             |                    | 払 出<br><br>Shipment | 月末在庫<br><br>Inventory | Fuels                                               |
|---------------------------------------------------------------------------------|-----------------------------|--------------------|---------------------|-----------------------|-----------------------------------------------------|
| ボイラ用及びコージェネレーション用以外に使用したもの<br>for purposes other than boilers and co-generation |                             |                    |                     |                       |                                                     |
| 計<br>Total                                                                      | 直接加熱用<br>for Direct heating | その他用<br>for Others |                     |                       |                                                     |
| 50,821                                                                          | 48,750                      | 2,070              | —                   | 8,490                 | <b>Total</b><br><b>(Crude petroleum equivalent)</b> |
| 25,690                                                                          | 25,282                      | 408                | —                   | 8,467                 | Oil based fuels<br>(Crude petroleum equivalent)     |
| 1                                                                               | …                           | 1                  | —                   | —                     | Gasoline                                            |
| 161                                                                             | 132                         | 29                 | —                   | 300                   | Kerosene                                            |
| 2                                                                               | —                           | 2                  | —                   | 1                     | Gas oil                                             |
| 16,656                                                                          | 16,286                      | 370                | —                   | 6,988                 | Heavy Fuel oil total                                |
| 5,343                                                                           | 4,973                       | 370                | —                   | 2,696                 | Heavy Fuel oil A                                    |
| 11,313                                                                          | 11,313                      | —                  | —                   | 4,292                 | Heavy Fuel oil B・C                                  |
| 6,009                                                                           | 6,006                       | 3                  | —                   | 618                   | Liquefied petroleum gas                             |
| 25,131                                                                          | 23,468                      | 1,662              | —                   | 23                    | Non-oil based fuels<br>(Crude petroleum equivalent) |
| —                                                                               | —                           | —                  | —                   | …                     | Natural gas                                         |
| 5,721                                                                           | 5,721                       | —                  | —                   | 16                    | LNG                                                 |
| 14,826                                                                          | 13,394                      | 1,432              | …                   | …                     | Town gas(A)                                         |
| 16,063                                                                          | 14,498                      | 1,565              | …                   | …                     | Town gas(B)                                         |

(January,2008)

## ⑤ 化 学 工 業 Chemical industry

| 種 別                      | 単 位<br>Unit | 受 入<br>Receipts | 発生・回収<br>又は生産<br>Generation、<br>recovery<br>and/or<br>production | 消 費                    |                     |                                      |
|--------------------------|-------------|-----------------|------------------------------------------------------------------|------------------------|---------------------|--------------------------------------|
|                          |             |                 |                                                                  | 合 計<br>Total           | ボイラ用<br>for Boilers | コージェネ<br>レーション用<br>for Co-generation |
| 合 計 ( 原 油 換 算 )<br>(ネット) | kl          | 7,145,921       | 723,736                                                          | 7,771,895<br>7,065,967 | 800,855             | 94,480                               |
| 石 油 系 燃 料 ( 原 油 換 算 )    | "           | 5,685,419       | ...                                                              | 6,411,790              | 392,427             | 56,935                               |
| 原 油                      | "           | 3,104           | ...                                                              | 3,051                  | —                   | —                                    |
| N G L ・ コ ン デ ン セ ー ト    | "           | 32,538          | ...                                                              | 32,440                 | 436                 | —                                    |
| ガ ソ リ ン                  | "           | 21              | ...                                                              | 19                     | ...                 | ...                                  |
| ナ フ サ                    | "           | 3,269,324       | ...                                                              | 3,191,751              | —                   | —                                    |
| 改 質 生 成 油                | "           | 1,848,106       | ...                                                              | 1,840,809              | ...                 | ...                                  |
| 灯 油                      | "           | 94,926          | ...                                                              | 94,721                 | 138                 | 189                                  |
| 軽 油                      | "           | 27,008          | ...                                                              | 24,475                 | —                   | —                                    |
| 重 油                      | "           | 206,335         | ...                                                              | 213,881                | 130,284             | 5,447                                |
| A 重 油                    | "           | 5,720           | ...                                                              | 5,632                  | 3,681               | 408                                  |
| B ・ C 重 油                | "           | 200,615         | ...                                                              | 208,249                | 126,603             | 5,039                                |
| 炭 化 水 素 油                | "           | 8,642           | ...                                                              | 154,384                | 106,526             | 3,302                                |
| 液 化 石 油 ガ ス              | t           | 526,646         | ...                                                              | 468,488                | 4,797               | 1,171                                |
| 石 油 系 炭 化 水 素 ガ ス        | 1000m³      | 13,799          | ...                                                              | 608,977                | 57,107              | 39,455                               |
| オ イ ル コ ー ク ス            | t           | 106,131         | ...                                                              | 135,885                | 81,827              | —                                    |
| 非 石 油 系 燃 料 ( 原 油 換 算 )  | kl          | 1,460,502       | 723,736                                                          | 1,360,105              | 408,429             | 37,545                               |
| 石 炭                      | t           | 1,832,039       | —                                                                | 1,573,723              | 542,365             | —                                    |
| 石 炭 コ ー ク ス              | "           | 14,774          | 714,422                                                          | 16,394                 | ...                 | —                                    |
| タ ー ル                    | "           | 27,427          | 15,314                                                           | 37,958                 | —                   | —                                    |
| コ ー ク ス 炉 ガ ス            | 1000m³      | 16,314          | 272,236                                                          | 124,527                | 5,349               | 2,867                                |
| 高 炉 ガ ス                  | "           | 99,248          | —                                                                | 99,248                 | 678                 | 1,058                                |
| 転 炉 ガ ス                  | "           | 8,970           | —                                                                | 8,970                  | 3,503               | 5,467                                |
| 天 然 ガ ス                  | "           | 28,486          | 15,843                                                           | 41,292                 | 14,983              | 3,994                                |
| 液 化 天 然 ガ ス              | t           | 71,999          | ...                                                              | 62,930                 | 11,312              | 5,605                                |
| 都 市 ガ ス ( A )            | 1000m³      | 44,829          | ...                                                              | 44,829                 | 10,327              | 19,204                               |
| 都 市 ガ ス ( B )            | "           | 48,487          | ...                                                              | 48,488                 | 11,010              | 21,001                               |
| 廃 タ イ ヤ                  | t           | 1,790           | —                                                                | 817                    | 26                  | —                                    |

## ⑥ 窯業・土石製品工業 Ceramics, clay and stone products

|                          |        |         |       |                    |         |       |
|--------------------------|--------|---------|-------|--------------------|---------|-------|
| 合 計 ( 原 油 換 算 )<br>(ネット) | kl     | 820,541 | 309   | 824,728<br>824,419 | 335,134 | 2,036 |
| 石 油 系 燃 料 ( 原 油 換 算 )    | "      | 182,818 | ...   | 181,166            | 49,850  | 2,036 |
| ガ ソ リ ン                  | "      | 23      | ...   | 23                 | ...     | ...   |
| 灯 油                      | "      | 4,297   | ...   | 4,288              | 458     | —     |
| 軽 油                      | "      | 1,056   | ...   | 935                | —       | —     |
| 重 油                      | "      | 88,829  | ...   | 89,486             | 24,120  | 1,883 |
| A 重 油                    | "      | 6,765   | ...   | 6,652              | 1,528   | 42    |
| B ・ C 重 油                | "      | 82,064  | ...   | 82,834             | 22,592  | 1,841 |
| 炭 化 水 素 油                | "      | 14,863  | ...   | 15,366             | —       | —     |
| 液 化 石 油 ガ ス              | t      | 3,458   | ...   | 3,453              | —       | —     |
| オ イ ル コ ー ク ス            | "      | 79,442  | ...   | 75,840             | 30,302  | —     |
| 非 石 油 系 燃 料 ( 原 油 換 算 )  | kl     | 637,723 | 309   | 643,563            | 285,285 | —     |
| 石 炭                      | t      | 860,225 | ...   | 865,601            | 421,008 | —     |
| 石 炭 コ ー ク ス              | "      | 35,287  | —     | 37,839             | —       | —     |
| コ ー ク ス 炉 ガ ス            | 1000m³ | 29,635  | —     | 29,635             | —       | —     |
| 高 炉 ガ ス                  | "      | 8,399   | —     | 8,399              | —       | —     |
| 転 炉 ガ ス                  | "      | 23,288  | —     | 23,288             | —       | —     |
| 電 気 炉 ガ ス                | "      | 1,283   | 1,422 | 2,705              | —       | —     |
| 天 然 ガ ス                  | "      | 4,942   | —     | 4,942              | 4,600   | —     |
| 都 市 ガ ス ( A )            | "      | 2,458   | ...   | 2,458              | 452     | —     |
| 都 市 ガ ス ( B )            | "      | 2,634   | ...   | 2,634              | 499     | —     |
| 廃 タ イ ヤ                  | t      | 10,568  | —     | 10,593             | —       | —     |

注1. 合計(原油換算)の消費量は、原料用消費などによって生産又は副次的に発生する燃料が含まれているため重複している。

なお、合計欄の下段「(ネット)」表示の数値は、調査対象事業所内で他の燃料から転換して消費した分を排除したネット消費量である。

2. 石油系炭化水素ガスの原料用消費量は、「アンモニア及びアンモニア誘導品」に使用されたもののみである。

(平成20年1月分)

| Consumption                                                                     |                       |                             |                    | 払 出<br><br>Shipment | 月末在庫<br><br>Inventory | Fuels                                               |
|---------------------------------------------------------------------------------|-----------------------|-----------------------------|--------------------|---------------------|-----------------------|-----------------------------------------------------|
| ボイラ用及びコージェネレーション用以外に使用したもの<br>for purposes other than boilers and co-generation |                       |                             |                    |                     |                       |                                                     |
| 計<br>Total                                                                      | 原 料 用<br>as Materials | 直接加熱用<br>for Direct heating | その他用<br>for Others |                     |                       |                                                     |
| 6,876,560                                                                       | 6,000,604             | 811,941                     | 64,017             | 811,262             | 2,886,621             | Total<br>(Crude petroleum equivalent)               |
| 5,962,429                                                                       | 5,263,033             | 644,926                     | 54,469             | 132,184             | 1,219,860             | Oil based fuels<br>(Crude petroleum equivalent)     |
| 3,051                                                                           | 3,051                 | —                           | —                  | —                   | 1,695                 | Crude petroleum                                     |
| 32,004                                                                          | 32,004                | —                           | —                  | 6,419               | 24,723                | NGL・condensate                                      |
| 19                                                                              | ...                   | ...                         | 19                 | —                   | 3                     | Gasoline                                            |
| 3,191,751                                                                       | 3,189,237             | 2,514                       | —                  | 68,797              | 774,120               | Naphtha                                             |
| 1,840,809                                                                       | 1,840,809             | ...                         | ...                | 6,031               | 13,859                | Oil produced by conversion                          |
| 94,394                                                                          | 86,726                | 7,217                       | 451                | —                   | 8,957                 | Kerosene                                            |
| 24,475                                                                          | 24,257                | —                           | 218                | —                   | 13,035                | Gas oil                                             |
| 78,150                                                                          | 50,555                | 21,737                      | 5,858              | 836                 | 109,578               | Heavy Fuel oil total                                |
| 1,543                                                                           | —                     | 617                         | 926                | 243                 | 8,972                 | Heavy Fuel oil A                                    |
| 76,607                                                                          | 50,555                | 21,120                      | 4,932              | 593                 | 100,606               | Heavy Fuel oil B・C                                  |
| 44,556                                                                          | 15,010                | 28,762                      | 784                | ...                 | ...                   | Hydrocarbon oil                                     |
| 462,520                                                                         | 423,144               | 19,483                      | 19,893             | 45,496              | 57,330                | Liquefied petroleum gas                             |
| 512,415                                                                         | 15,719                | 478,962                     | 17,734             | ...                 | ...                   | Hydrocarbon gas                                     |
| 54,058                                                                          | 54,058                | —                           | —                  | 673                 | 383,793               | Petroleum coke                                      |
| 914,131                                                                         | 737,571               | 167,015                     | 9,548              | 679,078             | 1,666,762             | Non-oil based fuels<br>(Crude petroleum equivalent) |
| 1,031,358                                                                       | 982,661               | 48,697                      | —                  | —                   | 2,225,502             | Coal                                                |
| 16,394                                                                          | 5,905                 | 10,489                      | —                  | 754,855             | 208,638               | Coal coke                                           |
| 37,958                                                                          | 37,958                | —                           | —                  | —                   | 27,679                | Tar                                                 |
| 116,311                                                                         | 578                   | 115,424                     | 309                | 164,016             | ...                   | Coke oven gas                                       |
| 97,512                                                                          | —                     | 97,512                      | —                  | —                   | —                     | Blast furnace gas                                   |
| —                                                                               | —                     | —                           | —                  | —                   | —                     | Converter furnace gas                               |
| 22,315                                                                          | 9,039                 | 10,928                      | 2,348              | 3,038               | ...                   | Natural gas                                         |
| 46,013                                                                          | 23,714                | 22,290                      | 9                  | 9,060               | 265                   | LNG                                                 |
| 15,298                                                                          | ...                   | 9,481                       | 5,817              | ...                 | ...                   | Town gas(A)                                         |
| 16,477                                                                          | ...                   | 10,145                      | 6,335              | ...                 | ...                   | Town gas(B)                                         |
| 791                                                                             | —                     | 791                         | —                  | —                   | 3,838                 | Used tires                                          |
| 487,558                                                                         | 6,569                 | 467,981                     | 13,008             | 23,903              | 925,887               | Total<br>(Crude petroleum equivalent)               |
| 129,280                                                                         | 5,218                 | 113,814                     | 10,248             | 2,040               | 249,908               | Oil based fuels<br>(Crude petroleum equivalent)     |
| 23                                                                              | ...                   | ...                         | 23                 | —                   | 1                     | Gasoline                                            |
| 3,830                                                                           | —                     | 3,615                       | 215                | 70                  | 1,934                 | Kerosene                                            |
| 935                                                                             | 5                     | 16                          | 914                | 22                  | 293                   | Gas oil                                             |
| 63,483                                                                          | 22                    | 55,542                      | 7,919              | 1,389               | 81,749                | Heavy Fuel oil total                                |
| 5,082                                                                           | 22                    | 3,828                       | 1,232              | 262                 | 5,752                 | Heavy Fuel oil A                                    |
| 58,401                                                                          | —                     | 51,714                      | 6,687              | 1,127               | 75,997                | Heavy Fuel oil B・C                                  |
| 15,366                                                                          | —                     | 15,349                      | 17                 | 63                  | 1,820                 | Hydrocarbon oil                                     |
| 3,453                                                                           | —                     | 3,175                       | 278                | —                   | 2,595                 | Liquefied petroleum gas                             |
| 45,538                                                                          | 6,719                 | 38,476                      | 343                | 516                 | 199,737               | Petroleum coke                                      |
| 358,278                                                                         | 1,351                 | 354,167                     | 2,760              | 21,864              | 675,978               | Non-oil based fuels<br>(Crude petroleum equivalent) |
| 444,593                                                                         | 1,585                 | 442,017                     | 991                | 32,923              | 981,825               | Coal                                                |
| 37,839                                                                          | 393                   | 37,446                      | —                  | —                   | 17,416                | Coal coke                                           |
| 29,635                                                                          | —                     | 29,635                      | —                  | —                   | —                     | Coke oven gas                                       |
| 8,399                                                                           | —                     | 8,399                       | —                  | —                   | —                     | Blast furnace gas                                   |
| 23,288                                                                          | —                     | 23,288                      | —                  | —                   | —                     | Converter furnace gas                               |
| 2,705                                                                           | —                     | 2,705                       | —                  | —                   | —                     | Electric furnace gas                                |
| 342                                                                             | —                     | 342                         | —                  | —                   | ...                   | Natural gas                                         |
| 2,006                                                                           | ...                   | 422                         | 1,584              | ...                 | ...                   | Town gas(A)                                         |
| 2,135                                                                           | ...                   | 462                         | 1,673              | ...                 | ...                   | Town gas(B)                                         |
| 10,593                                                                          | —                     | 10,214                      | 379                | —                   | 12,513                | Used tires                                          |

(January,2008)

## ⑦ 鉄 鋼 業 Iron and steel

| 種 別                      | 単 位<br>Unit | 受 入<br>Receipts | 発生・回収<br>又は生産<br>Generation、<br>recovery<br>and/or<br>production | 消 費                    |                     |                                      |
|--------------------------|-------------|-----------------|------------------------------------------------------------------|------------------------|---------------------|--------------------------------------|
|                          |             |                 |                                                                  | 合 計<br>Total           | ボイラ用<br>for Boilers | コージェネ<br>レーション用<br>for Co-generation |
| 合 計 ( 原 油 換 算 )<br>(ネット) | kl          | 5,519,174       | 3,915,122                                                        | 8,408,257<br>4,493,135 | 640,954             | 46,426                               |
| 石 油 系 燃 料 ( 原 油 換 算 )    | "           | 245,803         | ...                                                              | 227,447                | 24,954              | 6,288                                |
| ガ ソ リ ン                  | "           | 247             | ...                                                              | 246                    | ...                 | ...                                  |
| 灯 油                      | "           | 9,750           | ...                                                              | 9,902                  | 308                 | —                                    |
| 軽 油                      | "           | 4,512           | ...                                                              | 4,160                  | —                   | —                                    |
| 重 油 計                    | "           | 101,238         | ...                                                              | 99,200                 | 17,093              | 6,000                                |
| A 重 油                    | "           | 32,286          | ...                                                              | 34,954                 | 3,968               | 2,883                                |
| B ・ C 重 油                | "           | 68,952          | ...                                                              | 64,246                 | 13,125              | 3,117                                |
| 炭 化 水 素 油                | "           | 14,512          | ...                                                              | 11,911                 | —                   | —                                    |
| 液 化 石 油 ガ ス              | t           | 38,822          | ...                                                              | 33,467                 | 4,908               | —                                    |
| 石 油 系 炭 化 水 素 ガ ス        | 1000m³      | 51              | ...                                                              | 51                     | —                   | —                                    |
| オ イ ル コ ー ク ス            | t           | 74,988          | ...                                                              | 67,336                 | ...                 | —                                    |
| 非 石 油 系 燃 料 ( 原 油 換 算 )  | kl          | 5,273,371       | 3,915,122                                                        | 8,180,811              | 616,000             | 40,139                               |
| コ ー ク ス 製 造 用 炭          | t           | 4,236,959       | ...                                                              | 4,103,335              | —                   | —                                    |
| 石 炭                      | "           | 1,462,037       | ...                                                              | 1,333,331              | 356,978             | —                                    |
| 石 炭 コ ー ク ス              | "           | 869,869         | 2,584,087                                                        | 3,195,945              | ...                 | —                                    |
| タ ー ル                    | "           | 964             | 53,163                                                           | 7,242                  | —                   | —                                    |
| コ ー ク ス 炉 ガ ス            | 1000m³      | 161,031         | 1,160,282                                                        | 992,657                | 113,712             | —                                    |
| 高 炉 ガ ス                  | "           | 135,263         | 11,641,992                                                       | 8,011,159              | 2,701,918           | 295,518                              |
| 転 炉 ガ ス                  | "           | 10,422          | 807,046                                                          | 529,796                | 188,944             | 13,998                               |
| 電 気 炉 ガ ス                | "           | —               | 13,429                                                           | 6,529                  | 5,747               | —                                    |
| 天 然 ガ ス                  | "           | 1,013           | —                                                                | 1,013                  | 243                 | —                                    |
| 液 化 天 然 ガ ス              | t           | 55,471          | ...                                                              | 57,916                 | 14,674              | 3,428                                |
| 都 市 ガ ス ( A )            | 1000m³      | 136,369         | ...                                                              | 136,369                | 13,356              | 5,322                                |
| 都 市 ガ ス ( B )            | "           | 149,467         | ...                                                              | 149,462                | 14,669              | 5,858                                |
| 酸 素                      | 1000Nm³     | 623,170         | 348,138                                                          | 922,758                | ...                 | —                                    |

注. 合計(原油換算)の消費量は、原料用消費などによって生産又は副次的に発生する燃料が含まれているため重複している。  
 なお、合計欄の下段「(ネット)」表示の数値は、調査対象事業所内で他の燃料から転換して消費した分を排除したネット消費量である。

| Consumption                                                                     |                       |                             |                    | 払 出       | 月末在庫      | Fuels                                                       |
|---------------------------------------------------------------------------------|-----------------------|-----------------------------|--------------------|-----------|-----------|-------------------------------------------------------------|
| ボイラ用及びコージェネレーション用以外に使用したもの<br>for purposes other than boilers and co-generation |                       |                             |                    |           |           |                                                             |
| 計<br>Total                                                                      | 原 料 用<br>as Materials | 直接加熱用<br>for Direct heating | その他用<br>for Others | Shipment  | Inventory |                                                             |
| 7,720,877                                                                       | 2,955,325             | 4,645,975                   | 119,577            | 1,180,862 | 5,474,124 | <b>Total<br/>(Crude petroleum equivalent)</b>               |
| 196,205                                                                         | 26,738                | 149,614                     | 19,853             | 20,535    | 237,417   | <b>Oil based fuels<br/>(Crude petroleum equivalent)</b>     |
| 246                                                                             | ...                   | ...                         | 246                | 4         | 11        | Gasoline                                                    |
| 9,594                                                                           | ...                   | 6,489                       | 3,105              | 15        | 4,640     | Kerosene                                                    |
| 4,160                                                                           | ...                   | 2,087                       | 2,073              | 431       | 546       | Gas oil                                                     |
| 76,107                                                                          | —                     | 72,644                      | 3,463              | 8,791     | 90,302    | Heavy Fuel oil total                                        |
| 28,103                                                                          | ...                   | 26,236                      | 1,867              | 729       | 24,732    | Heavy Fuel oil A                                            |
| 48,004                                                                          | —                     | 46,408                      | 1,596              | 8,062     | 65,570    | Heavy Fuel oil B・C                                          |
| 11,911                                                                          | 10,657                | 1,254                       | —                  | —         | 7,141     | Hydrocarbon oil                                             |
| 28,559                                                                          | —                     | 20,139                      | 8,420              | 1,317     | 28,272    | Liquefied petroleum gas                                     |
| 51                                                                              | —                     | 51                          | —                  | ...       | ...       | Hydrocarbon gas                                             |
| 67,336                                                                          | 19,673                | 47,660                      | 3                  | 11,524    | 118,628   | Petroleum coke                                              |
| 7,524,672                                                                       | 2,928,587             | 4,496,361                   | 99,724             | 1,160,327 | 5,236,707 | <b>Non-oil based fuels<br/>(Crude petroleum equivalent)</b> |
| 4,103,335                                                                       | 3,803,534             | 299,801                     | —                  | 330,030   | 4,028,337 | Coal for making coke(material coal)                         |
| 976,353                                                                         | 57,351                | 918,951                     | 51                 | 119,785   | 2,050,581 | Coal                                                        |
| 3,195,945                                                                       | 31,955                | 3,152,216                   | 11,774             | 313,605   | 1,056,751 | Coal coke                                                   |
| 7,242                                                                           | 6,276                 | 966                         | —                  | 46,780    | 8,979     | Tar                                                         |
| 878,945                                                                         | 284                   | 839,505                     | 39,156             | 289,967   | ...       | Coke oven gas                                               |
| 5,013,723                                                                       | —                     | 4,638,576                   | 375,147            | 3,505,816 | ...       | Blast furnace gas                                           |
| 326,854                                                                         | —                     | 299,149                     | 27,705             | 245,288   | ...       | Converter furnace gas                                       |
| 782                                                                             | —                     | 782                         | —                  | 6,903     | ...       | Electric furnace gas                                        |
| 770                                                                             | —                     | 698                         | 72                 | —         | ...       | Natural gas                                                 |
| 39,814                                                                          | —                     | 34,320                      | 5,494              | 14,308    | 24,211    | LNG                                                         |
| 117,691                                                                         | ...                   | 111,250                     | 6,441              | ...       | ...       | Town gas(A)                                                 |
| 128,935                                                                         | ...                   | 121,883                     | 7,052              | ...       | ...       | Town gas(B)                                                 |
| 922,758                                                                         | —                     | 841,233                     | 81,525             | 39,629    | 1,502     | Oxygen                                                      |

## ⑧ 非鉄金属地金工業 Non-ferrous metals

| 種 別                     | 単 位<br>Unit | 受 入<br>Receipts | 消 費          |                     |                                      |
|-------------------------|-------------|-----------------|--------------|---------------------|--------------------------------------|
|                         |             |                 | 合 計<br>Total | ボイラ用<br>for Boilers | コージェネ<br>レーション用<br>for Co-generation |
| 合 計 ( 原 油 換 算 )         | kl          | 69,051          | 73,238       | 3,011               | 957                                  |
| 石 油 系 燃 料 ( 原 油 換 算 )   | "           | 37,982          | 39,261       | 1,605               | 957                                  |
| ガ ソ リ ン                 | "           | 6               | 6            | ...                 | ...                                  |
| 灯 油                     | "           | 2,931           | 3,059        | 1                   | —                                    |
| 軽 油                     | "           | 324             | 331          | —                   | —                                    |
| 重 油 計                   | "           | 23,866          | 25,018       | 1,578               | 887                                  |
| A 重 油                   | "           | 12,013          | 12,321       | 1,440               | 40                                   |
| B・C 重 油                 | "           | 11,853          | 12,697       | 138                 | 847                                  |
| 炭 化 水 素 油               | "           | 7,094           | 7,089        | —                   | —                                    |
| 液 化 石 油 ガ ス             | t           | 1,147           | 1,176        | —                   | —                                    |
| オ イ ル コ ー ク ス           | "           | 938             | 800          | —                   | —                                    |
| 非 石 油 系 燃 料 ( 原 油 換 算 ) | kl          | 31,069          | 33,977       | 1,405               | —                                    |
| 石 炭 コ ー ク ス             | t           | 3,860           | 7,038        | —                   | —                                    |
| 石 炭 コ ー ク ス             | "           | 28,853          | 25,128       | —                   | —                                    |
| コ ー ク ス 炉 ガ ス           | 1000 m³     | —               | —            | —                   | —                                    |
| 高 炉 ガ ス                 | "           | —               | 41,177       | 14,671              | —                                    |
| 電 気 炉 ガ ス               | "           | —               | —            | —                   | —                                    |
| 天 然 ガ ス                 | "           | 625             | 625          | —                   | —                                    |
| 液 化 天 然 ガ ス             | t           | 1,040           | 1,040        | —                   | —                                    |
| 都 市 ガ ス ( A )           | 1000 m³     | 3,752           | 3,752        | 97                  | —                                    |
| 都 市 ガ ス ( B )           | "           | 4,159           | 4,158        | 106                 | —                                    |
| 廃 タ イ ヤ                 | t           | —               | —            | —                   | —                                    |

## ⑨ 機 械 工 業 Machinery

|                         |         |         |         |        |         |
|-------------------------|---------|---------|---------|--------|---------|
| 合 計 ( 原 油 換 算 )         | kl      | 347,419 | 350,596 | 95,364 | 106,075 |
| 石 油 系 燃 料 ( 原 油 換 算 )   | "       | 91,242  | 94,380  | 29,951 | 5,382   |
| ガ ソ リ ン                 | "       | 6,534   | 6,513   | —      | —       |
| 灯 油                     | "       | 14,864  | 15,508  | 5,389  | 924     |
| 軽 油                     | "       | 4,127   | 4,155   | —      | 34      |
| 重 油 計                   | "       | 41,773  | 44,042  | 20,462 | 3,050   |
| A 重 油                   | "       | 39,802  | 41,774  | 19,346 | 3,050   |
| B・C 重 油                 | "       | 1,971   | 2,268   | 1,116  | —       |
| 炭 化 水 素 油               | "       | 117     | 117     | —      | —       |
| 液 化 石 油 ガ ス             | t       | 18,901  | 19,057  | 3,113  | 1,060   |
| 石 油 系 炭 化 水 素 ガ ス       | 1000 m³ | —       | —       | —      | —       |
| オ イ ル コ ー ク ス           | t       | —       | —       | —      | —       |
| 非 石 油 系 燃 料 ( 原 油 換 算 ) | kl      | 256,177 | 256,215 | 65,413 | 100,693 |
| 石 炭 コ ー ク ス             | t       | 23,679  | 23,820  | 23,813 | —       |
| 石 炭 コ ー ク ス             | "       | 5,539   | 5,567   | —      | —       |
| コ ー ク ス 炉 ガ ス           | 1000 m³ | —       | —       | —      | —       |
| 高 炉 ガ ス                 | "       | —       | —       | —      | —       |
| 転 炉 ガ ス                 | "       | —       | —       | —      | —       |
| 天 然 ガ ス                 | "       | 7,917   | 7,917   | 1,171  | 3,997   |
| 液 化 天 然 ガ ス             | t       | 9,770   | 9,716   | 987    | 3,553   |
| 都 市 ガ ス ( A )           | 1000 m³ | 182,367 | 182,367 | 40,401 | 77,712  |
| 都 市 ガ ス ( B )           | "       | 201,090 | 201,090 | 44,152 | 85,862  |
| 廃 タ イ ヤ                 | t       | —       | —       | —      | —       |

(平成20年1月分)

| Consumption                                                                     |                             |                    | 月末在庫      | Fuels                                                       |
|---------------------------------------------------------------------------------|-----------------------------|--------------------|-----------|-------------------------------------------------------------|
| ボイラ用及びコージェネレーション用以外に使用したもの<br>for purposes other than boilers and co-generation |                             |                    |           |                                                             |
| 計<br>Total                                                                      | 直接加熱用<br>for Direct heating | その他用<br>for Others | Inventory |                                                             |
| 69,270                                                                          | 64,774                      | 4,497              | 41,062    | <b>Total<br/>(Crude petroleum equivalent)</b>               |
| 36,698                                                                          | 33,665                      | 3,034              | 10,521    | Oil based fuels<br>(Crude petroleum equivalent)             |
| 6                                                                               | ...                         | 6                  | 2         | Gasoline                                                    |
| 3,058                                                                           | 2,311                       | 747                | 1,071     | Kerosene                                                    |
| 331                                                                             | 22                          | 309                | 36        | Gas oil                                                     |
| 22,553                                                                          | 21,659                      | 894                | 6,925     | Heavy Fuel oil total                                        |
| 10,841                                                                          | 10,189                      | 652                | 2,597     | Heavy Fuel oil A                                            |
| 11,712                                                                          | 11,470                      | 242                | 4,328     | Heavy Fuel oil B・C                                          |
| 7,089                                                                           | 6,293                       | 796                | 997       | Hydrocarbon oil                                             |
| 1,176                                                                           | 996                         | 180                | 101       | Liquefied petroleum gas                                     |
| 800                                                                             | 800                         | —                  | 1,225     | Petroleum coke                                              |
| 32,572                                                                          | 31,109                      | 1,463              | 30,542    | <b>Non-oil based fuels<br/>(Crude petroleum equivalent)</b> |
| 7,038                                                                           | 7,038                       | —                  | 17,315    | Coal                                                        |
| 25,128                                                                          | 24,038                      | 1,090              | 25,067    | Coal coke                                                   |
| —                                                                               | —                           | —                  | ...       | Coke oven gas                                               |
| 26,506                                                                          | 26,506                      | —                  | ...       | Blast furnace gas                                           |
| —                                                                               | —                           | —                  | ...       | Electric furnace gas                                        |
| 625                                                                             | 625                         | —                  | ...       | Natural gas                                                 |
| 1,040                                                                           | 590                         | 450                | —         | LNG                                                         |
| 3,655                                                                           | 3,655                       | —                  | ...       | Town gas(A)                                                 |
| 4,052                                                                           | 4,052                       | —                  | ...       | Town gas(B)                                                 |
| —                                                                               | —                           | —                  | —         | Used tires                                                  |
|                                                                                 |                             |                    |           |                                                             |
| 149,157                                                                         | 76,807                      | 72,349             | 42,172    | <b>Total<br/>(Crude petroleum equivalent)</b>               |
| 59,047                                                                          | 20,874                      | 38,172             | 40,016    | Oil based fuels<br>(Crude petroleum equivalent)             |
| 6,513                                                                           | —                           | 6,513              | 2,009     | Gasoline                                                    |
| 9,195                                                                           | 3,179                       | 6,016              | 8,139     | Kerosene                                                    |
| 4,121                                                                           | 29                          | 4,092              | 2,889     | Gas oil                                                     |
| 20,530                                                                          | 4,945                       | 15,585             | 23,664    | Heavy Fuel oil total                                        |
| 19,378                                                                          | 4,162                       | 15,216             | 19,840    | Heavy Fuel oil A                                            |
| 1,152                                                                           | 783                         | 369                | 3,824     | Heavy Fuel oil B・C                                          |
| 117                                                                             | —                           | 117                | 8         | Hydrocarbon oil                                             |
| 14,884                                                                          | 9,735                       | 5,149              | 2,661     | Liquefied petroleum gas                                     |
| —                                                                               | —                           | —                  | —         | Hydrocarbon gas                                             |
| —                                                                               | —                           | —                  | —         | Petroleum coke                                              |
| 90,110                                                                          | 55,933                      | 34,177             | 2,156     | <b>Non-oil based fuels<br/>(Crude petroleum equivalent)</b> |
| 7                                                                               | —                           | 7                  | 2,484     | Coal                                                        |
| 5,567                                                                           | 5,354                       | 213                | 173       | Coal coke                                                   |
| —                                                                               | —                           | —                  | —         | Coke oven gas                                               |
| —                                                                               | —                           | —                  | —         | Blast furnace gas                                           |
| —                                                                               | —                           | —                  | —         | Converter furnace gas                                       |
| 2,749                                                                           | 2,122                       | 627                | —         | Natural gas                                                 |
| 5,176                                                                           | 3,744                       | 1,432              | 266       | LNG                                                         |
| 64,254                                                                          | 37,487                      | 26,767             | ...       | Town gas(A)                                                 |
| 71,076                                                                          | 41,617                      | 29,459             | ...       | Town gas(B)                                                 |
| —                                                                               | —                           | —                  | —         | Used tires                                                  |

(January,2008)

## (3) 電 力 受 払 Electricity input and output

| 種 別                 | 購 入 電 力 及 び 自 家 発 電 |            |            |           |               |
|---------------------|---------------------|------------|------------|-----------|---------------|
|                     | 計                   | 購入電力(買電)   | 自 家 発 電    |           |               |
|                     |                     |            | 計          | 火 力       | コージェネレーション    |
|                     | Total               | Purchase   | Total      | Thermal   | Co-generation |
| 合 計                 | 20,984,163          | 10,914,432 | 10,069,731 | 7,338,419 | 1,758,634     |
| 事 業 所 重 複 分 補 正 量   | 1,206,122           | 316,995    | 889,127    | 856,163   | 6,174         |
| パ ル プ ・ 紙 ・ 板 紙 工 業 | 3,082,889           | 822,557    | 2,260,332  | 2,075,690 | 155,070       |
| 化 学 工 業             | 4,053,012           | 1,964,557  | 2,088,455  | 1,655,927 | 247,157       |
| 化 学 繊 維 工 業         | 595,941             | 248,309    | 347,632    | 297,891   | 45,824        |
| 石 油 製 品 工 業         | 2,100,652           | 201,831    | 1,898,821  | 1,063,561 | 810,671       |
| 窯 業 ・ 土 石 製 品 工 業   | 1,644,978           | 512,211    | 1,132,767  | 1,050,120 | 7,751         |
| ガ ラ ス 製 品 工 業       | 180,807             | 165,344    | 15,463     | —         | 9,764         |
| 鉄 鋼 業               | 7,175,687           | 4,475,222  | 2,700,465  | 1,997,084 | 132,557       |
| 非 鉄 金 属 地 金 工 業     | 543,008             | 438,660    | 104,348    | 3,085     | 3,788         |
| 機 械 工 業             | 2,813,311           | 2,402,736  | 410,575    | 51,224    | 352,226       |

注1. 業種を積み上げた「合計」は、本調査対象業種を兼業している事業所があるため重複排除を行っており、この重複分は「重複事業所分補正量」として計上してある。  
 2. 鉄鋼業の下段の「(炉頂圧)」は炉頂圧発電で「その他発電」の内数である。

## (4) 蒸 気 受 払 Steam input and output

| 種 別                 | 受 入 及 び 蒸 気 発 生 |           |                              |               |                                                      |
|---------------------|-----------------|-----------|------------------------------|---------------|------------------------------------------------------|
|                     | 計               | 受 入       | Receive and Product of Steam |               |                                                      |
|                     |                 |           | 蒸 気 発 生                      | Generation    | 一次蒸気以外<br>Others than<br>コージェネレーション<br>Co-generation |
|                     | Total           | Receipts  | Total                        | Primary steam |                                                      |
| 合 計                 | 55,200,734      | 4,593,344 | 50,607,390                   | 42,060,209    | 2,636,056                                            |
| 事 業 所 重 複 分 補 正 量   | 3,696,337       | 19,675    | 3,676,662                    | 3,656,787     | 7,814                                                |
| パ ル プ ・ 紙 ・ 板 紙 工 業 | 15,856,350      | 126,651   | 15,729,699                   | 15,381,287    | 301,107                                              |
| 化 学 工 業             | 16,955,515      | 3,385,329 | 13,570,186                   | 10,667,088    | 574,872                                              |
| 化 学 繊 維 工 業         | 2,548,294       | 169,887   | 2,378,407                    | 2,273,561     | 97,630                                               |
| 石 油 製 品 工 業         | 9,460,643       | 466,765   | 8,993,878                    | 6,699,165     | 1,407,667                                            |
| 窯 業 ・ 土 石 製 品 工 業   | 4,332,871       | 13,226    | 4,319,645                    | 4,241,012     | 4,030                                                |
| ガ ラ ス 製 品 工 業       | 29,696          | 1,267     | 28,429                       | 22,588        | 5,693                                                |
| 鉄 鋼 業               | 9,378,410       | 397,578   | 8,980,832                    | 6,394,540     | 250,740                                              |
| 非 鉄 金 属 地 金 工 業     | 335,292         | 52,316    | 282,976                      | 37,755        | 2,131                                                |

注. 業種を積み上げた「合計」は、本調査対象業種を兼業している事業所があるため重複排除を行っており、この重複分は「重複事業所分補正量」として計上してある。

(平成20年1月分)

(単位 Unit:1000kWh)

| Purchase and Generation by own power station |               | 消 費         | 販売電力(売電)  | Industry                          |
|----------------------------------------------|---------------|-------------|-----------|-----------------------------------|
| Generation by own power station              |               |             |           |                                   |
| 水 力                                          | そ の 他         |             |           |                                   |
| Hydraulic                                    | Others        | Comsumption | Shipment  |                                   |
| 150,413                                      | 822,265       | 18,125,167  | 2,858,997 | Total                             |
| 20,361                                       | 6,429         | 1,109,777   | 96,345    | Duplication adjustment            |
| 22,143                                       | 7,429         | 2,903,290   | 179,599   | Pulp, Paper, Paperboard           |
| 60,758                                       | 124,613       | 3,529,352   | 523,661   | Chemical industry                 |
| —                                            | 3,917         | 563,470     | 32,471    | Chemial fibers                    |
| …                                            | 24,589        | 1,117,171   | 983,481   | Petroleum products                |
| 20,361                                       | 54,535        | 1,463,152   | 181,826   | Ceramics, clay and stone products |
| 4,413                                        | 1,286         | 180,807     | —         | Glass products                    |
| 107                                          | 570,717       | 6,121,860   | 1,053,827 | Iron and steel                    |
|                                              | (炉頂圧) 302,523 |             |           |                                   |
| 62,992                                       | 34,483        | 542,614     | 394       | Non-ferrous metals                |
| …                                            | 7,125         | 2,813,228   | 83        | Machinery                         |

(単位 unit:t)

| (一次蒸気以外)<br>primary steam | 消 費 Consumption |                |                              |           | 払 出       | Industry                          |
|---------------------------|-----------------|----------------|------------------------------|-----------|-----------|-----------------------------------|
|                           | 計               | 生産工程用          | 自家発電用                        | その他用      |           |                                   |
|                           | Total           | for Production | for Private power generation | Others    | Shipment  |                                   |
| そ の 他<br>Others           |                 |                |                              |           |           |                                   |
| 5,911,125                 | 51,829,896      | 26,625,549     | 22,271,480                   | 2,932,867 | 3,370,836 | Total                             |
| 12,061                    | 3,443,374       | 1,104,134      | 2,291,250                    | 47,990    | 252,963   | Duplication adjustment            |
| 47,305                    | 15,721,150      | 8,153,956      | 7,164,845                    | 402,349   | 135,200   | Pulp, Paper, Paperboard           |
| 2,328,226                 | 14,688,080      | 9,748,697      | 4,368,730                    | 570,653   | 2,267,433 | Chemical industry                 |
| 7,216                     | 2,413,657       | 1,379,902      | 946,534                      | 87,221    | 134,637   | Chemical fibers                   |
| 887,046                   | 8,979,258       | 4,871,521      | 3,875,662                    | 232,075   | 481,385   | Petroleum products                |
| 74,603                    | 4,113,005       | 812,274        | 3,252,610                    | 48,121    | 219,866   | Ceramics, clay and stone products |
| 148                       | 29,696          | 23,730         | —                            | 5,966     | —         | Glass products                    |
| 2,335,552                 | 8,994,576       | 2,586,783      | 4,941,607                    | 1,466,186 | 383,834   | Iron and steel                    |
| 243,090                   | 333,848         | 152,820        | 12,742                       | 168,286   | 1,444     | Non-ferrous metals                |

(January,2008)

### 3. 指定生産品目別統計 Statistic by Specified Products

#### (1) 指定生産品目別エネルギー消費 Energy Consumption by Specified Products

##### 1) 直接投入エネルギー表 Table of direct input energy

| 種 別                       | 単 位<br><br>Unit    | Pulp, Paper and Paperbord products |                         |                 |                |                                              |                           |                       | 化 学 繊 維<br><br>工 業 |
|---------------------------|--------------------|------------------------------------|-------------------------|-----------------|----------------|----------------------------------------------|---------------------------|-----------------------|--------------------|
|                           |                    | パルプ・紙・<br>板 紙 工 業                  | Pulp, paper, paperboard |                 |                | その他の<br>紙 製 品<br><br>Other paper<br>products | その他の<br>製 品<br><br>Others |                       |                    |
|                           |                    |                                    | パルプ・紙・<br>板 紙           | パルプ<br><br>Pulp | 紙<br><br>Paper |                                              |                           | 板 紙<br><br>Paperboard |                    |
| 合 計（原油換算）                 | kl                 | 878,840                            | 864,050                 | 282,259         | 425,109        | 156,682                                      | 5,547                     | 9,242                 | 164,747            |
| 石油系燃料(原油換算)               | 〃                  | 41,235                             | 39,417                  | 34,320          | 4,454          | 642                                          | 612                       | 1,206                 | 13,906             |
| ガ     ソ     リ     ン       | 〃                  | 20                                 | 13                      | 1               | 12             | —                                            | —                         | 7                     | 7                  |
| ナ     フ     サ             | 〃                  | —                                  | —                       | —               | —              | —                                            | —                         | —                     | —                  |
| 灯                         | 〃                  | 2,223                              | 1,858                   | 177             | 1,664          | 17                                           | 207                       | 158                   | 1,635              |
| 軽                         | 〃                  | 267                                | 250                     | 114             | 96             | 40                                           | 9                         | 8                     | 22                 |
| 重     油     計             | 〃                  | 33,043                             | 31,664                  | 29,718          | 1,415          | 531                                          | 384                       | 995                   | 10,728             |
| A    重    油               | 〃                  | 1,049                              | 374                     | 26              | 203            | 145                                          | 176                       | 499                   | 2,722              |
| B ・ C 重 油                 | 〃                  | 31,994                             | 31,290                  | 29,692          | 1,212          | 386                                          | 208                       | 496                   | 8,006              |
| 炭   化   水   素   油         | 〃                  | 1,080                              | 1,080                   | 1,080           | —              | —                                            | —                         | —                     | —                  |
| 液   化   石   油   ガ   ス     | t                  | 980                                | 976                     | 3               | 956            | 17                                           | 3                         | 1                     | 693                |
| 石油系炭化水素ガス                 | 1000m <sup>3</sup> | —                                  | —                       | —               | —              | —                                            | —                         | —                     | —                  |
| オ   イ   ル   コ   ー   ク   ス | t                  | 898                                | 898                     | 898             | —              | —                                            | —                         | —                     | —                  |
| 非石油系燃料(原油換算)              | kl                 | 3,918                              | 3,672                   | 30              | 3,053          | 589                                          | 208                       | 38                    | 3,045              |
| 石                         | t                  | —                                  | —                       | —               | —              | —                                            | —                         | —                     | —                  |
| 天     然     ガ     ス       | 1000m <sup>3</sup> | 30                                 | 30                      | —               | 30             | —                                            | —                         | —                     | —                  |
| 液   化   天   然   ガ   ス     | t                  | 823                                | 823                     | —               | 619            | 204                                          | —                         | —                     | —                  |
| 都   市   ガ   ス   (   A   ) | 1000m <sup>3</sup> | 2,532                              | 2,317                   | —               | 2,058          | 259                                          | 180                       | 35                    | 2,660              |
| 都   市   ガ   ス   (   B   ) | 〃                  | 2,507                              | 2,275                   | —               | 1,991          | 284                                          | 196                       | 36                    | 2,867              |
| 廃                         | 絶乾t                | 145                                | 145                     | 71              | 74             | —                                            | —                         | —                     | —                  |
| 廃     タ     イ     ヤ       | t                  | —                                  | —                       | —               | —              | —                                            | —                         | —                     | …                  |
| 電     力                   | 1000kWh            | 2,903,290                          | 2,818,673               | 815,760         | 1,441,665      | 561,248                                      | 21,953                    | 62,664                | 563,470            |
| 蒸     気                   | t                  | 8,153,956                          | 8,083,739               | 2,488,730       | 4,101,376      | 1,493,633                                    | 38,842                    | 31,375                | 1,379,902          |

##### 2) 一次投入燃料換算表 Conversion table for primary input fuel

|                 |                    |           |           |         |         |         |        |        |         |
|-----------------|--------------------|-----------|-----------|---------|---------|---------|--------|--------|---------|
| 合 計 ( 原 油 換 算 ) | kl                 | 1,178,966 | 1,157,293 | 389,406 | 570,663 | 197,225 | 6,529  | 15,143 | 211,012 |
| 石油系燃料(原油換算)     | 〃                  | 229,601   | 222,255   | 79,604  | 90,986  | 51,665  | 1,797  | 5,549  | 80,285  |
| ガ ソ リ ン         | 〃                  | 20        | 13        | 1       | 12      | —       | —      | 7      | 7       |
| ナ フ サ           | 〃                  | —         | —         | —       | —       | —       | —      | —      | —       |
| 灯 油             | 〃                  | 4,364     | 3,998     | 233     | 3,579   | 186     | 208    | 158    | 1,784   |
| 軽 油             | 〃                  | 290       | 263       | 117     | 102     | 44      | 11     | 16     | 32      |
| 重 油 計           | 〃                  | 198,128   | 191,743   | 68,055  | 75,936  | 47,752  | 1,479  | 4,905  | 50,655  |
| A 重 油           | 〃                  | 14,316    | 13,393    | 1,190   | 8,359   | 3,844   | 224    | 699    | 9,082   |
| B・C 重 油         | 〃                  | 183,812   | 178,350   | 66,865  | 67,577  | 43,908  | 1,255  | 4,206  | 41,573  |
| 炭 化 水 素 油       | 〃                  | 2,887     | 2,780     | 1,841   | 939     | —       | —      | 106    | 84      |
| 液 化 石 油 ガ ス     | t                  | 1,575     | 1,571     | 20      | 1,534   | 17      | 3      | 1      | 696     |
| 石油系炭化水素ガス       | 1000m <sup>3</sup> | —         | —         | —       | —       | —       | —      | —      | —       |
| オ イ ル コ ー ク ス   | t                  | 8,406     | 8,406     | 4,728   | 3,677   | —       | —      | 0      | 30,241  |
| 非石油系燃料(原油換算)    | kl                 | 862,189   | 850,763   | 294,275 | 436,143 | 120,346 | 3,721  | 7,705  | 95,886  |
| 石 炭             | t                  | 439,017   | 436,192   | 153,612 | 237,825 | 44,756  | 167    | 2,658  | 104,636 |
| 天 然 ガ ス         | 1000m <sup>3</sup> | 2,241     | 2,241     | —       | 2,241   | —       | —      | —      | —       |
| 液 化 天 然 ガ ス     | t                  | 8,885     | 8,502     | 719     | 2,451   | 5,333   | 365    | 18     | 614     |
| 都 市 ガ ス ( A )   | 1000m <sup>3</sup> | 73,064    | 69,152    | 449     | 25,024  | 43,679  | 2,667  | 1,245  | 22,216  |
| 都 市 ガ ス ( B )   | 〃                  | 77,743    | 73,551    | 493     | 26,189  | 46,869  | 2,845  | 1,347  | 24,041  |
| 回 収 黒 液         | 絶乾t                | 1,202,299 | 1,190,678 | 504,326 | 635,159 | 51,193  | 7      | 11,615 | …       |
| 廃 材             | 〃                  | 112,474   | 111,063   | 30,357  | 45,687  | 35,019  | 171    | 1,240  | —       |
| 廃 タ イ ヤ         | t                  | 18,148    | 18,148    | 6,903   | 9,946   | 1,299   | —      | —      | …       |
| 電 力             | 1000kWh            | 843,034   | 812,566   | 165,924 | 413,779 | 232,862 | 10,149 | 20,320 | 248,309 |
| 蒸 気             | t                  | 126,651   | 125,685   | 1,339   | 72,944  | 51,402  | 966    | —      | 169,887 |

注1. 原油換算値は38.2MJ/lである。

2. 都市ガス(A)は単純集計値、都市ガス(B)は41.1MJ/m<sup>3</sup>換算値である。  
(平成20年1月分)

| Chemical fibers products |                            |                  | Petroleum products      |                   |                  | Glass products       |                |                  | Kind of energy                      |
|--------------------------|----------------------------|------------------|-------------------------|-------------------|------------------|----------------------|----------------|------------------|-------------------------------------|
| 化学繊維<br>Chemical fibres  | その他の繊維製品<br>Other textiles | その他の製品<br>Others | 石油製品<br>工業<br>Petroleum | 石油製品<br>Petroleum | その他の製品<br>Others | ガラス製品<br>工業<br>Glass | ガラス製品<br>Glass | その他の製品<br>Others |                                     |
| 59,716                   | 487                        | 104,545          | 1,372,541               | 1,352,524         | 20,017           | 69,280               | 65,038         | 4,242            | <b>Total</b>                        |
| 3,973                    | 30                         | 9,902            | 925,836                 | 915,443           | 10,393           | 25,690               | 25,177         | 513              | <b>(Crude petroleum equivalent)</b> |
| 1                        | —                          | 6                | 25                      | 24                | 1                | 1                    | 1              | —                | <b>Oil based fuels</b>              |
| —                        | —                          | —                | 20,034                  | 20,034            | —                | —                    | —              | —                | <b>(Crude petroleum equivalent)</b> |
| 247                      | —                          | 1,388            | 259                     | 258               | 1                | 161                  | 156            | 5                | Gasoline                            |
| 1                        | —                          | 21               | 131                     | 113               | 18               | 2                    | 2              | —                | Naphtha                             |
| 3,158                    | 4                          | 7,566            | 74,980                  | 74,980            | —                | 16,656               | 16,153         | 503              | Kerosene                            |
| 575                      | 4                          | 2,143            | 851                     | 851               | —                | 5,343                | 4,840          | 503              | Gas oil                             |
| 2,583                    | —                          | 5,423            | 74,129                  | 74,129            | —                | 11,313               | 11,313         | —                | Heavy Fuel oil total                |
| —                        | —                          | —                | —                       | —                 | —                | —                    | —              | —                | Heavy Fuel oil A                    |
| 274                      | 20                         | 399              | 51,977                  | 51,977            | —                | 6,009                | 6,009          | —                | Heavy Fuel oil B・C                  |
| —                        | —                          | —                | 653,935                 | 644,994           | 8,941            | —                    | —              | —                | Hydrocarbon oil                     |
| —                        | —                          | —                | —                       | —                 | —                | —                    | —              | —                | Liquefied petroleum gas             |
| —                        | —                          | —                | —                       | —                 | —                | —                    | —              | —                | Hydrocarbon gas                     |
| —                        | —                          | —                | —                       | —                 | —                | —                    | —              | —                | Petroleum coke                      |
| 237                      | —                          | 2,808            | 6,055                   | 6,055             | —                | 25,131               | 24,621         | 509              | <b>Non-oil based fuels</b>          |
| —                        | —                          | —                | —                       | —                 | —                | —                    | —              | —                | <b>(Crude petroleum equivalent)</b> |
| —                        | —                          | —                | 15                      | 15                | —                | —                    | —              | —                | Coal                                |
| —                        | —                          | —                | 4,253                   | 4,253             | —                | 5,721                | 5,721          | —                | Natural gas                         |
| 204                      | —                          | 2,456            | 33                      | 33                | —                | 14,826               | 14,388         | 438              | LNG                                 |
| 223                      | —                          | 2,644            | 36                      | 36                | —                | 16,063               | 15,583         | 480              | Town gas(A)                         |
| —                        | —                          | —                | —                       | —                 | —                | —                    | —              | —                | Town gas(B)                         |
| ...                      | ...                        | ...              | ...                     | —                 | ...              | ...                  | ...            | ...              | Waste material                      |
| 191,608                  | 2,403                      | 369,459          | 1,117,171               | 1,013,716         | 103,455          | 180,807              | 149,746        | 31,061           | Used tires                          |
| 545,154                  | 3,369                      | 831,379          | 4,871,521               | 4,871,519         | 2                | 23,730               | 18,953         | 4,777            | Electricity                         |
|                          |                            |                  |                         |                   |                  |                      |                |                  | Steam                               |

  

|         |       |         |           |           |        |         |         |        |                                     |
|---------|-------|---------|-----------|-----------|--------|---------|---------|--------|-------------------------------------|
| 77,670  | 617   | 132,725 | 1,465,384 | 1,435,475 | 29,908 | 70,647  | 66,285  | 4,361  | <b>Total</b>                        |
| 30,344  | 356   | 49,584  | 1,388,349 | 1,359,538 | 28,811 | 27,307  | 26,438  | 868    | <b>(Crude petroleum equivalent)</b> |
| 1       | —     | 6       | 25        | 24        | 1      | 1       | 1       | —      | <b>Oil based fuels</b>              |
| —       | —     | —       | 20,449    | 20,434    | 15     | —       | —       | —      | <b>(Crude petroleum equivalent)</b> |
| 252     | —     | 1,532   | 2,653     | 2,652     | 1      | 294     | 289     | 5      | Gasoline                            |
| 4       | —     | 28      | 233       | 203       | 30     | 2       | 2       | —      | Naphtha                             |
| 17,185  | 197   | 33,273  | 220,936   | 217,613   | 3,324  | 17,670  | 16,815  | 855    | Kerosene                            |
| 3,938   | 168   | 4,976   | 5,970     | 5,947     | 23     | 6,357   | 5,502   | 855    | Gas oil                             |
| 13,248  | 29    | 28,297  | 214,966   | 211,665   | 3,301  | 11,313  | 11,313  | —      | Heavy Fuel oil total                |
| 40      | —     | 44      | 81,486    | 74,385    | 7,100  | —       | —       | —      | Heavy Fuel oil A                    |
| 274     | 20    | 402     | 65,885    | 64,938    | 946    | 6,364   | 6,364   | —      | Heavy Fuel oil B・C                  |
| —       | —     | —       | 807,113   | 793,702   | 13,411 | —       | —       | —      | Hydrocarbon oil                     |
| 14,725  | 167   | 15,349  | 23,207    | 22,326    | 881    | —       | —       | —      | Liquefied petroleum gas             |
| 28,477  | 54    | 67,354  | 25,996    | 25,313    | 682    | 27,512  | 26,703  | 810    | Hydrocarbon gas                     |
| 32,162  | —     | 72,475  | 29,925    | 28,901    | 1,024  | —       | —       | —      | Petroleum coke                      |
| —       | —     | —       | 76        | 74        | 2      | —       | —       | —      | <b>Non-oil based fuels</b>          |
| 548     | —     | 66      | 4,253     | 4,253     | —      | 6,685   | 6,685   | —      | <b>(Crude petroleum equivalent)</b> |
| 5,489   | 49    | 16,677  | 33        | 33        | —      | 15,710  | 15,013  | 696    | Coal                                |
| 5,975   | 51    | 18,014  | 36        | 36        | —      | 17,025  | 16,262  | 762    | Natural gas                         |
| ...     | ...   | ...     | ...       | ...       | ...    | ...     | ...     | ...    | LNG                                 |
| —       | —     | —       | —         | —         | —      | —       | —       | —      | Town gas(A)                         |
| ...     | ...   | ...     | ...       | ...       | ...    | ...     | ...     | ...    | Town gas(B)                         |
| 105,271 | 1,392 | 141,647 | 201,831   | 197,375   | 4,456  | 169,757 | 140,910 | 28,847 | Black liquor                        |
| 131,012 | 1,108 | 37,767  | 466,765   | 466,765   | —      | 526     | 526     | —      | Waste material                      |
|         |       |         |           |           |        |         |         |        | Used tires                          |
|         |       |         |           |           |        |         |         |        | Electricity                         |
|         |       |         |           |           |        |         |         |        | Steam                               |

Crude petroleum conversion rate is 38.2MJ/l.

Figures of Town gas (A) are simple total.

Conversion rate for town gas (B) is 41.1MJ/m<sup>3</sup>.

(January,2008)

## 1) 直接投入エネルギー表 Table of direct input energy

| 種 別             | 単 位<br>Unit | Chemical industry |           |                    |                        |                                         |
|-----------------|-------------|-------------------|-----------|--------------------|------------------------|-----------------------------------------|
|                 |             | 化 学 工 業           | 化学工業製品    | Chemicals products |                        |                                         |
|                 |             |                   |           | 石油化学製品             | Petrochemical products |                                         |
|                 |             |                   |           |                    | 原 料 用<br>as Materials  | 動力・燃料用等<br>For driving power,<br>fuels, |
| 合 計 ( 原 油 換 算 ) | kl          | 7,878,715         | 6,672,356 | 6,402,694          | 5,192,545              | 1,210,149                               |
| 石油系燃料(原油換算)     | "           | 5,962,429         | 5,867,947 | 5,798,313          | 5,188,486              | 609,827                                 |
| 原 油             | "           | 3,051             | —         | —                  | —                      | —                                       |
| NGL・コンデンセート     | "           | 32,004            | 32,004    | 32,004             | 32,004                 | —                                       |
| ガ ソ リ ン         | "           | 19                | 4         | 4                  | —                      | 4                                       |
| ナ フ サ           | "           | 3,191,751         | 3,183,616 | 3,173,986          | 3,173,986              | —                                       |
| 改 質 生 成 油       | "           | 1,840,809         | 1,840,809 | 1,840,809          | 1,840,809              | —                                       |
| 灯 油             | "           | 94,394            | 91,509    | 91,509             | 85,608                 | 5,901                                   |
| 軽 油             | "           | 24,475            | 24,239    | 24,239             | 24,236                 | 3                                       |
| 重 油 計           | "           | 78,150            | 56,391    | 54,799             | 50,229                 | 4,570                                   |
| A 重 油           | "           | 1,543             | 310       | 243                | —                      | 243                                     |
| B・C 重 油         | "           | 76,607            | 56,081    | 54,556             | 50,229                 | 4,327                                   |
| 炭 化 水 素 油       | "           | 44,556            | 38,094    | 38,094             | 15,010                 | 23,084                                  |
| 液 化 石 油 ガ ス     | t           | 462,520           | 442,165   | 441,246            | 423,503                | 17,743                                  |
| 石油系炭化水素ガス       | 1000m³      | 512,415           | 501,599   | 477,227            | 2,302                  | 474,925                                 |
| オ イ ル コ ー ク ス   | t           | 54,058            | 38,921    | —                  | —                      | —                                       |
| 非石油系燃料(原油換算)    | kl          | 914,130           | 74,817    | 29,199             | 4,059                  | 25,140                                  |
| 石 炭             | t           | 1,031,358         | 21        | —                  | —                      | —                                       |
| 石 炭 コ ー ク ス     | "           | 16,394            | 3,842     | —                  | —                      | —                                       |
| タ ー ー ル         | "           | 37,958            | —         | —                  | —                      | —                                       |
| コ ー ク ス 炉 ガ ス   | 1000m³      | 116,311           | 2,002     | 658                | 328                    | 330                                     |
| 高 炉 ガ ス         | "           | 97,512            | —         | —                  | —                      | —                                       |
| 転 炉 ガ ス         | "           | —                 | —         | —                  | —                      | —                                       |
| 天 然 ガ ス         | "           | 22,315            | 8,415     | 1,114              | —                      | 1,114                                   |
| 液 化 天 然 ガ ス     | t           | 46,013            | 36,941    | 15,289             | 2,750                  | 12,539                                  |
| 都 市 ガ ス ( A )   | 1000m³      | 15,298            | 8,114     | 5,243              | —                      | 5,243                                   |
| 都 市 ガ ス ( B )   | "           | 16,477            | 8,678     | 5,666              | —                      | 5,666                                   |
| 廃 タ イ ヤ         | t           | 791               | —         | —                  | —                      | —                                       |
| 電 力             | 1000kWh     | 3,529,353         | 2,405,500 | 1,311,931          | —                      | 1,311,931                               |
| 蒸 気             | t           | 9,748,698         | 7,317,906 | 6,555,729          | —                      | 6,555,729                               |

## 2) 一次投入燃料換算表 Conversion table for primary input fuel

|                 |         |           |           |           |           |           |
|-----------------|---------|-----------|-----------|-----------|-----------|-----------|
| 合 計 ( 原 油 換 算 ) | kl      | 7,945,448 | 6,656,500 | 6,341,112 | 5,192,545 | 1,148,567 |
| 石油系燃料(原油換算)     | "       | 6,243,358 | 6,083,888 | 5,984,337 | 5,188,486 | 795,852   |
| 原 油             | "       | 3,051     | —         | —         | —         | —         |
| NGL・コンデンセート     | "       | 32,325    | 32,307    | 32,004    | 32,004    | —         |
| ガ ソ リ ン         | "       | 19        | 4         | 4         | —         | 4         |
| ナ フ サ           | "       | 3,191,751 | 3,183,616 | 3,173,986 | 3,173,986 | —         |
| 改 質 生 成 油       | "       | 1,840,809 | 1,840,809 | 1,840,809 | 1,840,809 | —         |
| 灯 油             | "       | 94,715    | 91,796    | 91,778    | 85,608    | 6,170     |
| 軽 油             | "       | 24,475    | 24,239    | 24,239    | 24,236    | 3         |
| 重 油 計           | "       | 169,501   | 113,759   | 96,354    | 50,229    | 46,125    |
| A 重 油           | "       | 5,131     | 2,199     | 1,000     | —         | 1,000     |
| B・C 重 油         | "       | 164,369   | 111,560   | 95,354    | 50,229    | 45,125    |
| 炭 化 水 素 油       | "       | 112,992   | 101,784   | 99,491    | 15,010    | 84,481    |
| 液 化 石 油 ガ ス     | t       | 465,743   | 445,387   | 444,467   | 423,503   | 20,964    |
| 石油系炭化水素ガス       | 1000m³  | 577,717   | 554,956   | 528,390   | 2,302     | 526,088   |
| オ イ ル コ ー ク ス   | t       | 89,780    | 62,643    | 13,941    | —         | 13,941    |
| 非石油系燃料(原油換算)    | kl      | 1,280,964 | 250,675   | 106,532   | 4,059     | 102,474   |
| 石 炭             | t       | 1,468,432 | 201,226   | 69,618    | —         | 69,618    |
| 石 炭 コ ー ク ス     | "       | 16,394    | 3,842     | —         | —         | —         |
| タ ー ー ル         | "       | 37,958    | —         | —         | —         | —         |
| コ ー ク ス 炉 ガ ス   | 1000m³  | 122,900   | 6,186     | 4,074     | 328       | 3,746     |
| 高 炉 ガ ス         | "       | 98,697    | 1,185     | 1,185     | —         | 1,185     |
| 転 炉 ガ ス         | "       | 6,123     | 6,123     | 6,123     | —         | 6,123     |
| 天 然 ガ ス         | "       | 40,845    | 14,323    | 2,383     | —         | 2,383     |
| 液 化 天 然 ガ ス     | t       | 60,471    | 45,297    | 22,010    | 2,750     | 19,260    |
| 都 市 ガ ス ( A )   | 1000m³  | 41,570    | 25,518    | 19,808    | —         | 19,808    |
| 都 市 ガ ス ( B )   | "       | 45,014    | 27,581    | 21,556    | —         | 21,556    |
| 廃 タ イ ヤ         | t       | 814       | 23        | 23        | —         | 23        |
| 電 力             | 1000kWh | 2,011,614 | 1,444,284 | 807,992   | —         | 807,992   |
| 蒸 気             | t       | 3,385,329 | 2,713,864 | 2,532,933 | —         | 2,532,933 |

(平成20年1月分)

| (化学工業製品)             |                                      |                                         |           | Kind of energy |                                     |
|----------------------|--------------------------------------|-----------------------------------------|-----------|----------------|-------------------------------------|
| アンモニア 及び<br>アンモニア誘導品 | Ammonia and ammonia-derived products |                                         | ソーダ工業製品   |                | そ の 他 の 製 品                         |
|                      | 原 料 用<br>as Materials                | 動力・燃料用等<br>For driving power,<br>fuels, |           |                |                                     |
| 146,139              | 80,720                               | 65,419                                  | 123,523   | 1,206,359      | <b>Total</b>                        |
| 69,441               | 51,814                               | 17,627                                  | 192       | 94,482         | <b>(Crude petroleum equivalent)</b> |
| —                    | —                                    | —                                       | —         | 3,051          | Oil based fuels                     |
| —                    | —                                    | —                                       | —         | —              | <b>(Crude petroleum equivalent)</b> |
| —                    | —                                    | —                                       | —         | 15             | Crude petroleum                     |
| 9,630                | 7,116                                | 2,514                                   | —         | 8,135          | Natural gas liquids                 |
| —                    | —                                    | —                                       | —         | —              | Gasoline                            |
| —                    | —                                    | —                                       | —         | 2,885          | Naphtha                             |
| —                    | —                                    | —                                       | —         | 236            | Oil produced by conversion          |
| 1,411                | —                                    | 1,411                                   | 181       | 21,759         | Kerosene                            |
| —                    | —                                    | —                                       | 67        | 1,233          | Gas oil                             |
| 1,411                | —                                    | 1,411                                   | 114       | 20,526         | Heavy Fuel oil total                |
| —                    | —                                    | —                                       | —         | 6,462          | Heavy Fuel oil A                    |
| 918                  | —                                    | 918                                     | 1         | 20,355         | Heavy Fuel oil B・C                  |
| 24,372               | 13,416                               | 10,956                                  | —         | 10,816         | Hydrocarbon oil                     |
| 38,921               | 38,921                               | —                                       | —         | 15,137         | Liquefied petroleum gas             |
| 42,005               | 28,905                               | 13,099                                  | 3,614     | 839,313        | Hydrocarbon gas                     |
| 21                   | 21                                   | —                                       | —         | 1,031,337      | Petroleum coke                      |
| —                    | —                                    | —                                       | 3,842     | 12,552         | <b>Non-oil based fuels</b>          |
| —                    | —                                    | —                                       | —         | 37,958         | <b>(Crude petroleum equivalent)</b> |
| 1,344                | —                                    | 1,344                                   | —         | 114,309        | Coal                                |
| —                    | —                                    | —                                       | —         | 97,512         | Coal coke                           |
| —                    | —                                    | —                                       | —         | —              | Tar                                 |
| 7,114                | 4,506                                | 2,608                                   | 187       | 13,900         | Coke oven gas                       |
| 21,373               | 16,888                               | 4,485                                   | 279       | 9,072          | Blast furnace gas                   |
| 2,792                | —                                    | 2,792                                   | 79        | 7,184          | Converter furnace gas               |
| 2,926                | —                                    | 2,926                                   | 86        | 7,798          | Natural gas                         |
| —                    | —                                    | —                                       | —         | 791            | LNG                                 |
| 89,803               | —                                    | 89,803                                  | 1,003,766 | 1,123,852      | Town gas(A)                         |
| 381,061              | —                                    | 381,061                                 | 381,116   | 2,430,791      | Town gas(B)                         |
|                      |                                      |                                         |           |                | Used tires                          |
|                      |                                      |                                         |           |                | Electricity                         |
|                      |                                      |                                         |           |                | Steam                               |
| 144,616              | 80,720                               | 63,896                                  | 170,773   | 1,288,947      | <b>Total</b>                        |
| 78,107               | 51,814                               | 26,292                                  | 21,444    | 159,471        | <b>(Crude petroleum equivalent)</b> |
| —                    | —                                    | —                                       | —         | 3,051          | Oil based fuels                     |
| —                    | —                                    | —                                       | 303       | 18             | <b>(Crude petroleum equivalent)</b> |
| —                    | —                                    | —                                       | —         | 15             | Crude petroleum                     |
| 9,630                | 7,116                                | 2,514                                   | —         | 8,135          | Natural gas liquids                 |
| —                    | —                                    | —                                       | —         | —              | Gasoline                            |
| —                    | —                                    | —                                       | —         | —              | Naphtha                             |
| —                    | —                                    | —                                       | 18        | 2,919          | Oil produced by conversion          |
| —                    | —                                    | —                                       | —         | 236            | Kerosene                            |
| 4,587                | —                                    | 4,587                                   | 12,819    | 55,742         | Gas oil                             |
| 126                  | —                                    | 126                                     | 1,074     | 2,932          | Heavy Fuel oil total                |
| 4,461                | —                                    | 4,461                                   | 11,744    | 52,810         | Heavy Fuel oil A                    |
| 2,026                | —                                    | 2,026                                   | 266       | 11,208         | Heavy Fuel oil B・C                  |
| 918                  | —                                    | 918                                     | 1         | 20,356         | Hydrocarbon oil                     |
| 26,476               | 13,416                               | 13,060                                  | 90        | 22,761         | Liquefied petroleum gas             |
| 39,700               | 38,921                               | 779                                     | 9,002     | 27,137         | Hydrocarbon gas                     |
| 54,823               | 28,905                               | 25,917                                  | 89,320    | 1,030,289      | Petroleum coke                      |
| 9,425                | 21                                   | 9,404                                   | 122,183   | 1,267,206      | <b>Non-oil based fuels</b>          |
| —                    | —                                    | —                                       | 3,842     | 12,552         | <b>(Crude petroleum equivalent)</b> |
| —                    | —                                    | —                                       | —         | 37,958         | Coal                                |
| 2,112                | —                                    | 2,112                                   | —         | 116,714        | Coal coke                           |
| —                    | —                                    | —                                       | —         | 97,512         | Tar                                 |
| —                    | —                                    | —                                       | —         | —              | Coke oven gas                       |
| 10,784               | 4,506                                | 6,278                                   | 1,156     | 26,522         | Blast furnace gas                   |
| 22,718               | 16,888                               | 5,830                                   | 568       | 15,174         | Converter furnace gas               |
| 2,910                | —                                    | 2,910                                   | 2,800     | 16,053         | Natural gas                         |
| 3,049                | —                                    | 3,049                                   | 2,976     | 17,433         | LNG                                 |
| —                    | —                                    | —                                       | —         | 791            | Town gas(A)                         |
| 72,926               | —                                    | 72,926                                  | 563,366   | 567,329        | Town gas(B)                         |
| 70,928               | —                                    | 70,928                                  | 110,003   | 671,465        | Used tires                          |
|                      |                                      |                                         |           |                | Electricity                         |
|                      |                                      |                                         |           |                | Steam                               |

(January, 2008)

## 1) 直接投入エネルギー表 Table of direct input energy

| 種 別           | 単 位<br>Unit        | Ceramics, clay and stone products |         |                         |                        |                    |
|---------------|--------------------|-----------------------------------|---------|-------------------------|------------------------|--------------------|
|               |                    | 窯業・土石製品<br>工 業                    | 窯業・土石製品 | Ceramics,clay and stone |                        |                    |
|               |                    |                                   |         | セ メ ン ト                 | Cement                 |                    |
|               |                    |                                   |         |                         | 焼 成 用<br>for Sintering | その他用<br>for Others |
| 合 計（原 油 換 算）  | kl                 | 679,811                           | 523,445 | 391,134                 | 332,377                | 58,757             |
| 石油系燃料(原油換算)   | 〃                  | 129,280                           | 110,212 | 47,086                  | 42,667                 | 4,419              |
| ガ ソ リ ン       | 〃                  | 23                                | 14      | 4                       | —                      | 4                  |
| 灯 油           | 〃                  | 3,830                             | 2,165   | 204                     | 149                    | 55                 |
| 軽 油           | 〃                  | 935                               | 406     | 240                     | —                      | 240                |
| 重 油 計         | 〃                  | 63,483                            | 56,637  | 6,946                   | 3,458                  | 3,488              |
| A 重 油         | 〃                  | 5,082                             | 3,432   | 1,715                   | 1,165                  | 550                |
| B・C 重 油       | 〃                  | 58,401                            | 53,205  | 5,231                   | 2,293                  | 2,938              |
| 炭 化 水 素 油     | 〃                  | 15,366                            | 15,279  | 14,935                  | 14,575                 | 360                |
| 液 化 石 油 ガ ス   | t                  | 3,453                             | 594     | 2                       | —                      | 2                  |
| オ イ ル コ ー ク ス | 〃                  | 45,538                            | 37,997  | 29,881                  | 29,881                 | —                  |
| 非石油系燃料(原油換算)  | kl                 | 358,278                           | 348,560 | 291,346                 | 289,709                | 1,637              |
| 石 炭           | t                  | 444,593                           | 440,802 | 423,778                 | 423,060                | 718                |
| 石 炭 コ ー ク ス   | 〃                  | 37,839                            | 30,815  | —                       | —                      | —                  |
| コ ー ク ス 炉 ガ ス | 1000m <sup>3</sup> | 29,635                            | 29,597  | 215                     | —                      | 215                |
| 高 炉 ガ ス       | 〃                  | 8,399                             | 8,386   | 79                      | —                      | 79                 |
| 転 炉 ガ ス       | 〃                  | 23,288                            | 22,637  | 3,271                   | —                      | 3,271              |
| 電 気 炉 ガ ス     | 〃                  | 2,705                             | 2,560   | —                       | —                      | —                  |
| 天 然 ガ ス       | 〃                  | 342                               | 342     | —                       | —                      | —                  |
| 都 市 ガ ス（A）    | 〃                  | 2,006                             | 526     | —                       | —                      | —                  |
| 都 市 ガ ス（B）    | 〃                  | 2,135                             | 563     | —                       | —                      | —                  |
| 廃 タ イ ヤ       | t                  | 10,593                            | 10,593  | 10,593                  | 10,214                 | 379                |
| 電 力           | 1000kWh            | 1,463,152                         | 659,112 | 561,516                 | —                      | 561,516            |
| 蒸 気           | t                  | 812,274                           | 48,617  | 6,768                   | —                      | 6,768              |

## 2) 一次投入燃料換算表 Conversion table for primary input fuel

|               |                    |         |         |         |         |         |
|---------------|--------------------|---------|---------|---------|---------|---------|
| 合 計（原 油 換 算）  | kl                 | 805,936 | 571,570 | 439,399 | 332,377 | 107,023 |
| 石油系燃料(原油換算)   | 〃                  | 172,866 | 127,656 | 62,209  | 42,667  | 19,542  |
| ガ ソ リ ン       | 〃                  | 23      | 14      | 4       | —       | 4       |
| 灯 油           | 〃                  | 4,163   | 2,433   | 226     | 149     | 77      |
| 軽 油           | 〃                  | 935     | 406     | 240     | —       | 240     |
| 重 油 計         | 〃                  | 85,018  | 59,892  | 8,295   | 3,458   | 4,837   |
| A 重 油         | 〃                  | 6,441   | 4,560   | 1,910   | 1,165   | 745     |
| B・C 重 油       | 〃                  | 78,577  | 55,332  | 6,385   | 2,293   | 4,092   |
| 炭 化 水 素 油     | 〃                  | 15,366  | 15,279  | 14,935  | 14,575  | 360     |
| 液 化 石 油 ガ ス   | t                  | 3,453   | 594     | 2       | —       | 2       |
| オ イ ル コ ー ク ス | 〃                  | 71,492  | 55,791  | 47,555  | 29,881  | 17,674  |
| 非石油系燃料(原油換算)  | kl                 | 582,630 | 411,871 | 354,074 | 289,709 | 64,365  |
| 石 炭           | t                  | 774,079 | 535,142 | 517,833 | 423,060 | 94,773  |
| 石 炭 コ ー ク ス   | 〃                  | 37,839  | 30,815  | —       | —       | —       |
| コ ー ク ス 炉 ガ ス | 1000m <sup>3</sup> | 29,635  | 29,597  | 215     | —       | 215     |
| 高 炉 ガ ス       | 〃                  | 8,399   | 8,386   | 79      | —       | 79      |
| 転 炉 ガ ス       | 〃                  | 23,288  | 22,637  | 3,271   | —       | 3,271   |
| 電 気 炉 ガ ス     | 〃                  | 2,705   | 2,560   | —       | —       | —       |
| 天 然 ガ ス       | 〃                  | 4,942   | 598     | 238     | —       | 238     |
| 都 市 ガ ス（A）    | 〃                  | 2,328   | 848     | —       | —       | —       |
| 都 市 ガ ス（B）    | 〃                  | 2,488   | 915     | —       | —       | —       |
| 廃 タ イ ヤ       | t                  | 10,593  | 10,593  | 10,593  | 10,214  | 379     |
| 電 力           | 1000kWh            | 532,572 | 338,261 | 246,820 | —       | 246,820 |
| 蒸 気           | t                  | 13,003  | 8,339   | 2,259   | —       | 2,259   |

| (窯業・土石製品) |                                 |                    |        |             |                                     | Kind of energy |
|-----------|---------------------------------|--------------------|--------|-------------|-------------------------------------|----------------|
| 板 ガ ラ ス   | Sheet glass                     |                    | 石 灰    | そ の 他 の 製 品 |                                     |                |
|           | 熔解窯用<br>for dissolving furnaces | その他用<br>for Others |        | for Others  |                                     |                |
| 35,685    | 29,821                          | 5,864              | 96,626 | 156,366     | <b>Total</b>                        |                |
| 30,314    | 29,821                          | 493                | 32,812 | 19,536      | <b>(Crude petroleum equivalent)</b> |                |
| 3         | —                               | 3                  | 7      | 9           | Oil based fuels                     |                |
| 25        | —                               | 25                 | 1,936  | 1,665       | <b>(Crude petroleum equivalent)</b> |                |
| 3         | —                               | 3                  | 163    | 529         | Gasoline                            |                |
| 27,534    | 27,437                          | 97                 | 22,157 | 6,846       | Kerosene                            |                |
| 69        | —                               | 69                 | 1,648  | 1,650       | Gas oil                             |                |
| 27,465    | 27,437                          | 28                 | 20,509 | 5,196       | Heavy Fuel oil total                |                |
| —         | —                               | —                  | 344    | 87          | Heavy Fuel oil A                    |                |
| 365       | 88                              | 277                | 227    | 2,859       | Heavy Fuel oil B・C                  |                |
| —         | —                               | —                  | 8,116  | 7,541       | Hydrocarbon oil                     |                |
|           |                                 |                    |        |             | Liquefied petroleum gas             |                |
|           |                                 |                    |        |             | Petroleum coke                      |                |
| 428       | —                               | 428                | 56,786 | 9,718       | <b>Non-oil based fuels</b>          |                |
| —         | —                               | —                  | 17,024 | 3,791       | <b>(Crude petroleum equivalent)</b> |                |
| —         | —                               | —                  | 30,815 | 7,024       | Coal                                |                |
| —         | —                               | —                  | 29,382 | 38          | Coal coke                           |                |
| —         | —                               | —                  | 8,307  | 13          | Coke oven gas                       |                |
| —         | —                               | —                  | 19,366 | 651         | Blast furnace gas                   |                |
| —         | —                               | —                  | 2,560  | 145         | Converter furnace gas               |                |
| —         | —                               | —                  | 342    | —           | Electric furnace gas                |                |
| 380       | —                               | 380                | 146    | 1,480       | Natural gas                         |                |
| 403       | —                               | 403                | 160    | 1,572       | Town gas(A)                         |                |
| —         | —                               | —                  | —      | —           | Town gas(B)                         |                |
| 41,643    | —                               | 41,643             | 55,953 | 804,040     | Used tires                          |                |
| 15,466    | —                               | 15,466             | 26,383 | 763,657     | <b>Electricity</b>                  |                |
|           |                                 |                    |        |             | <b>Steam</b>                        |                |

|        |        |        |        |         |                                                                   |
|--------|--------|--------|--------|---------|-------------------------------------------------------------------|
| 35,463 | 29,821 | 5,642  | 96,707 | 234,366 | <b>Total</b><br><b>(Crude petroleum equivalent)</b>               |
| 31,028 | 29,821 | 1,207  | 34,419 | 45,209  | Oil based fuels<br>(Crude petroleum equivalent)                   |
| 3      | —      | 3      | 7      | 9       | Gasoline                                                          |
| 80     | —      | 80     | 2,127  | 1,730   | Kerosene                                                          |
| 3      | —      | 3      | 163    | 529     | Gas oil                                                           |
| 28,146 | 27,437 | 709    | 23,451 | 25,126  | Heavy Fuel oil total                                              |
| 71     | —      | 71     | 2,579  | 1,881   | Heavy Fuel oil A                                                  |
| 28,075 | 27,437 | 638    | 20,872 | 23,245  | Heavy Fuel oil B・C                                                |
| —      | —      | —      | 344    | 87      | Hydrocarbon oil                                                   |
| 365    | 88     | 277    | 227    | 2,859   | Liquefied petroleum gas                                           |
| —      | —      | —      | 8,235  | 15,701  | Petroleum coke                                                    |
| 802    | —      | 802    | 56,995 | 170,758 | <b>Non-oil based fuels</b><br><b>(Crude petroleum equivalent)</b> |
| —      | —      | —      | 17,309 | 238,937 | Coal                                                              |
| —      | —      | —      | 30,815 | 7,024   | Coal coke                                                         |
| —      | —      | —      | 29,382 | 38      | Coke oven gas                                                     |
| —      | —      | —      | 8,307  | 13      | Blast furnace gas                                                 |
| —      | —      | —      | 19,366 | 651     | Converter furnace gas                                             |
| —      | —      | —      | 2,560  | 145     | Electric furnace gas                                              |
| —      | —      | —      | 359    | 4,344   | Natural gas                                                       |
| 702    | —      | 702    | 146    | 1,480   | Town gas(A)                                                       |
| 756    | —      | 756    | 160    | 1,573   | Town gas(B)                                                       |
| —      | —      | —      | —      | —       | Used tires                                                        |
| 37,179 | —      | 37,179 | 54,261 | 194,311 | <b>Electricity</b>                                                |
| 2,519  | —      | 2,519  | 3,561  | 4,664   | <b>Steam</b>                                                      |

1) 直接投入エネルギー表 Table of direct input energy

| 種 別             | 単 位<br>Unit | Iron and steel |           |                         |                         |                     |                            |                        |                      |
|-----------------|-------------|----------------|-----------|-------------------------|-------------------------|---------------------|----------------------------|------------------------|----------------------|
|                 |             | 鉄 鋼 業          | 鉄 鋼 製 品   | Iron and steel products |                         |                     |                            |                        |                      |
|                 |             |                |           | 焼結鉱<br>for Sintering    | ペレット<br>for Pelletizing | 銑鉄用<br>for Pig iron | フェロアロイ<br>for Ferro-alloys | 製鋼用<br>for Steelmaking | 転 炉<br>LD converters |
| 合 計 ( 原 油 換 算 ) | kl          | 9,599,452      | 6,363,284 | 412,991                 | 17,500                  | 3,363,134           | 80,077                     | 371,858                | 215,517              |
| 石油系燃料(原油換算)     | "           | 227,446        | 193,647   | 154                     | 83                      | 43,697              | 6,704                      | 16,633                 | 9,506                |
| ガ ソ リ ン         | "           | 246            | 29        | —                       | —                       | —                   | —                          | —                      | —                    |
| 灯 油             | "           | 9,902          | 8,952     | —                       | —                       | —                   | 65                         | 1,909                  | 114                  |
| 軽 油             | "           | 4,160          | 3,625     | —                       | —                       | 1                   | 73                         | 162                    | 161                  |
| 重 油 計           | "           | 99,200         | 96,675    | 142                     | 77                      | 6,538               | 5,868                      | 4,494                  | 738                  |
| A 重 油           | "           | 34,954         | 33,750    | —                       | —                       | 63                  | 363                        | 3,967                  | 733                  |
| B・C 重 油         | "           | 64,246         | 62,925    | 142                     | 77                      | 6,475               | 5,505                      | 527                    | 5                    |
| 炭 化 水 素 油       | "           | 11,911         | 1,254     | —                       | —                       | —                   | —                          | 334                    | —                    |
| 液 化 石 油 ガ ス     | t           | 33,467         | 31,212    | —                       | —                       | 282                 | 186                        | 6,852                  | 6,472                |
| 石油系炭化水素ガス       | 1000m³      | 51             | 51        | —                       | —                       | —                   | —                          | —                      | —                    |
| オ イ ル コ ー ク ス   | t           | 67,336         | 47,871    | —                       | —                       | 46,921              | —                          | 945                    | —                    |
| 非石油系燃料(原油換算)    | kl          | 8,180,812      | 5,035,361 | 379,497                 | 14,792                  | 3,231,721           | 53,176                     | 185,172                | 150,398              |
| コークス製造用炭        | t           | 4,103,335      | 299,801   | —                       | —                       | 299,801             | —                          | —                      | —                    |
| 石 炭             | "           | 1,333,331      | 1,333,331 | 165,056                 | 9,510                   | 701,609             | 45,301                     | 54,469                 | 53,307               |
| 石 炭 コ ー ク ス     | "           | 3,195,945      | 3,180,155 | 337,212                 | 8,155                   | 2,771,688           | 26,962                     | 18,489                 | 3,603                |
| タ ー ル           | "           | 7,242          | 966       | —                       | —                       | —                   | 966                        | —                      | —                    |
| コークス炉ガス         | 1000m³      | 992,657        | 796,619   | 22,263                  | 4,184                   | 138,630             | 485                        | 35,095                 | 32,991               |
| 高 炉 ガ ス         | "           | 8,011,159      | 6,411,233 | 8,623                   | —                       | 2,897,762           | 131                        | 1,035                  | 974                  |
| 転 炉 ガ ス         | "           | 529,796        | 482,778   | 1,907                   | —                       | 138,829             | 639                        | 2,579                  | 2,262                |
| 電 気 炉 ガ ス       | "           | 6,529          | 6,529     | —                       | —                       | —                   | 782                        | —                      | —                    |
| 天 然 ガ ス         | "           | 1,013          | 941       | —                       | —                       | —                   | —                          | 24                     | —                    |
| 液 化 天 然 ガ ス     | t           | 57,916         | 56,050    | 181                     | —                       | 814                 | 1                          | 323                    | 173                  |
| 都 市 ガ ス ( A )   | 1000m³      | 136,369        | 130,844   | 122                     | —                       | 14,656              | 2                          | 7,750                  | 1,584                |
| 都 市 ガ ス ( B )   | "           | 149,463        | 143,414   | 134                     | —                       | 16,046              | 2                          | 8,494                  | 1,734                |
| 酸 素             | 1000Nm³     | 922,758        | 921,832   | —                       | —                       | 301,472             | 5,928                      | 574,329                | 497,940              |
| 電 力             | 1000kWh     | 6,121,860      | 5,762,193 | 346,197                 | 27,427                  | 471,271             | 215,308                    | 1,611,601              | 405,227              |
| 蒸 気             | t           | 8,994,576      | 8,655,175 | 16,428                  | 1,065                   | 634,772             | 2,427                      | 291,318                | 259,205              |

2) 一次投入燃料換算表 Conversion table for primary input fuel

|                 |         |           |           |         |        |           |         |           |         |
|-----------------|---------|-----------|-----------|---------|--------|-----------|---------|-----------|---------|
| 合 計 ( 原 油 換 算 ) | kl      | 8,607,871 | 5,362,375 | 427,989 | 21,170 | 3,376,108 | 84,322  | 396,601   | 234,204 |
| 石油系燃料(原油換算)     | "       | 217,674   | 182,423   | 1,185   | 579    | 45,820    | 8,648   | 18,927    | 11,156  |
| ガ ソ リ ン         | "       | 246       | 29        | —       | —      | —         | —       | —         | —       |
| 灯 油             | "       | 9,835     | 8,856     | —       | —      | —         | 65      | 1,976     | 114     |
| 軽 油             | "       | 4,160     | 3,625     | —       | —      | 1         | 73      | 162       | 161     |
| 重 油 計           | "       | 91,473    | 87,819    | 821     | 334    | 7,853     | 7,518   | 6,150     | 1,873   |
| A 重 油           | "       | 31,336    | 29,885    | 6       | —      | 116       | 422     | 4,347     | 890     |
| B・C 重 油         | "       | 60,137    | 57,934    | 815     | 334    | 7,737     | 7,096   | 1,803     | 983     |
| 炭 化 水 素 油       | "       | 11,911    | 1,254     | —       | —      | —         | —       | 334       | —       |
| 液 化 石 油 ガ ス     | t       | 32,244    | 29,822    | 226     | 166    | 817       | 310     | 7,207     | 6,801   |
| 石油系炭化水素ガス       | 1000m³  | 51        | 51        | —       | —      | —         | —       | —         | —       |
| オ イ ル コ ー ク ス   | t       | 67,336    | 47,871    | —       | —      | 46,921    | —       | 945       | —       |
| 非石油系燃料(原油換算)    | kl      | 7,946,410 | 4,760,265 | 405,767 | 19,880 | 3,296,263 | 57,794  | 243,361   | 198,182 |
| コークス製造用炭        | t       | 4,103,335 | 299,801   | —       | —      | 299,801   | —       | —         | —       |
| 石 炭             | "       | 1,165,746 | 1,133,881 | 171,718 | 12,228 | 721,948   | 47,301  | 82,276    | 74,702  |
| 石 炭 コ ー ク ス     | "       | 3,195,945 | 3,180,155 | 337,212 | 8,155  | 2,771,688 | 26,962  | 18,489    | 3,603   |
| タ ー ル           | "       | 7,242     | 966       | —       | —      | —         | 966     | —         | —       |
| コークス炉ガス         | 1000m³  | 959,945   | 757,778   | 30,250  | 5,136  | 151,491   | 1,188   | 45,991    | 41,840  |
| 高 炉 ガ ス         | "       | 7,070,329 | 5,343,398 | 167,682 | 30,727 | 3,302,250 | 22,645  | 267,868   | 267,007 |
| 転 炉 ガ ス         | "       | 461,414   | 403,960   | 11,237  | 260    | 160,927   | 810     | 23,687    | 16,540  |
| 電 気 炉 ガ ス       | "       | 5,812     | 5,216     | —       | —      | —         | 4,853   | —         | —       |
| 天 然 ガ ス         | "       | 1,013     | 941       | —       | —      | —         | —       | 24        | —       |
| 液 化 天 然 ガ ス     | t       | 54,498    | 51,717    | 786     | —      | 2,656     | 1       | 1,501     | 1,293   |
| 都 市 ガ ス ( A )   | 1000m³  | 134,184   | 127,539   | 634     | —      | 15,499    | 2       | 11,192    | 2,124   |
| 都 市 ガ ス ( B )   | "       | 147,073   | 139,789   | 694     | —      | 16,970    | 2       | 12,281    | 2,325   |
| 酸 素             | 1000Nm³ | 922,758   | 921,832   | —       | —      | 301,472   | 5,928   | 574,329   | 497,940 |
| 電 力             | 1000kWh | 4,475,295 | 4,236,024 | 222,955 | 7,388  | 291,134   | 191,367 | 1,420,253 | 246,704 |
| 蒸 気             | t       | 397,578   | 370,924   | 4,294   | 356    | 100,443   | 1,129   | 31,783    | 27,730  |

(平成20年1月分)

| (鉄鋼製品)               |                       |                       |                                       |                                            |              | コークス      | その他の製品  | Kind of energy                      |
|----------------------|-----------------------|-----------------------|---------------------------------------|--------------------------------------------|--------------|-----------|---------|-------------------------------------|
| 電気炉                  | 鍛鋼品                   | 鋳鋼品                   | 圧延<br>(冷間を含む)<br>及び鋼管用                | 発電・ボイラ・<br>コージェネ用                          | その他の<br>鉄鋼製品 |           |         |                                     |
| Electric<br>furnaces | for<br>Steel forgings | for<br>Steel castings | Rolling (including<br>Cold) and Pipes | Power generation,<br>Boiler, co-generation | Others       | Coke      | Others  |                                     |
| 156,341              | 21,698                | 6,787                 | 674,803                               | 1,110,442                                  | 303,995      | 3,178,703 | 57,466  | <b>Total</b>                        |
| 7,126                | 8,238                 | 2,571                 | 68,767                                | 31,387                                     | 15,412       | 26,584    | 7,216   | <b>(Crude petroleum equivalent)</b> |
| —                    | —                     | —                     | —                                     | —                                          | 29           | —         | 217     | Oil based fuels                     |
| 1,795                | 1,292                 | 1,026                 | 1,562                                 | 302                                        | 2,796        | —         | 950     | <b>(Crude petroleum equivalent)</b> |
| 1                    | 49                    | 6                     | 2,097                                 | —                                          | 1,237        | 7         | 528     | Gasoline                            |
| 3,756                | 5,655                 | 917                   | 44,207                                | 23,243                                     | 5,534        | —         | 2,525   | Kerosene                            |
| 3,234                | 5,224                 | 913                   | 11,030                                | 7,001                                      | 5,189        | —         | 1,204   | Gas oil                             |
| 522                  | 431                   | 4                     | 33,177                                | 16,242                                     | 345          | —         | 1,321   | Heavy Fuel oil total                |
| 334                  | —                     | —                     | 920                                   | —                                          | —            | 10,657    | —       | Heavy Fuel oil A                    |
| 380                  | 930                   | 507                   | 13,045                                | 4,908                                      | 4,502        | —         | 2,255   | Heavy Fuel oil B・C                  |
| —                    | —                     | —                     | 51                                    | —                                          | —            | —         | —       | Hydrocarbon oil                     |
| 945                  | —                     | —                     | —                                     | —                                          | 5            | 19,465    | —       | Liquefied petroleum gas             |
| 34,774               | 7,621                 | 1,665                 | 396,815                               | 685,380                                    | 79,520       | 3,128,476 | 16,975  | Hydrocarbon gas                     |
| —                    | —                     | —                     | —                                     | —                                          | —            | 3,803,534 | —       | Petroleum coke                      |
| 1,162                | —                     | —                     | —                                     | 356,978                                    | 408          | —         | —       | <b>Non-oil based fuels</b>          |
| 14,886               | —                     | 434                   | —                                     | —                                          | 17,215       | 13,808    | 1,982   | <b>(Crude petroleum equivalent)</b> |
| —                    | —                     | —                     | —                                     | —                                          | —            | 6,276     | —       | Coal for making                     |
| 2,104                | 3,523                 | 208                   | 441,738                               | 123,408                                    | 27,085       | 191,596   | 4,442   | Coal                                |
| 61                   | 171                   | —                     | 128,637                               | 3,244,012                                  | 130,862      | 1,598,636 | 1,290   | Coal coke                           |
| 317                  | 883                   | —                     | 123,018                               | 208,449                                    | 6,474        | 29,078    | 17,940  | Tar                                 |
| —                    | —                     | —                     | —                                     | 5,747                                      | —            | —         | —       | Coke oven gas                       |
| 24                   | 256                   | —                     | 418                                   | 243                                        | —            | —         | 72      | Blast furnace gas                   |
| 150                  | 1,337                 | 63                    | 28,768                                | 19,051                                     | 5,512        | 182       | 1,684   | Converter furnace gas               |
| 6,166                | 2,710                 | 885                   | 64,263                                | 18,414                                     | 22,042       | 14        | 5,511   | Electric furnace gas                |
| 6,760                | 2,967                 | 973                   | 70,133                                | 20,237                                     | 24,428       | 15        | 6,034   | Natural gas                         |
| 76,389               | 915                   | 543                   | 12,844                                | —                                          | 25,801       | —         | 926     | LNG                                 |
| 1,206,374            | 60,410                | 27,066                | 1,711,939                             | 155,070                                    | 1,135,904    | 136,220   | 223,447 | Town gas(A)                         |
| 32,113               | 3,164                 | 469                   | 722,938                               | 5,486,719                                  | 1,495,875    | 158,723   | 180,678 | Town gas(B)                         |
|                      |                       |                       |                                       |                                            |              |           |         | Oxygen                              |
|                      |                       |                       |                                       |                                            |              |           |         | Electricity                         |
|                      |                       |                       |                                       |                                            |              |           |         | Steam                               |
|                      |                       |                       |                                       |                                            |              |           |         |                                     |
| 162,397              | 21,902                | 6,820                 | 724,230                               | —                                          | 303,234      | 3,181,356 | 64,140  | <b>Total</b>                        |
| 7,771                | 8,305                 | 2,584                 | 75,105                                | —                                          | 21,270       | 26,709    | 8,542   | <b>(Crude petroleum equivalent)</b> |
| —                    | —                     | —                     | —                                     | —                                          | 29           | —         | 217     | Oil based fuels                     |
| 1,862                | 1,292                 | 1,026                 | 1,601                                 | —                                          | 2,896        | —         | 979     | <b>(Crude petroleum equivalent)</b> |
| 1                    | 49                    | 6                     | 2,097                                 | —                                          | 1,237        | 7         | 528     | Gasoline                            |
| 4,277                | 5,721                 | 929                   | 48,559                                | —                                          | 9,933        | 60        | 3,594   | Kerosene                            |
| 3,457                | 5,290                 | 923                   | 12,402                                | —                                          | 6,380        | 2         | 1,449   | Gas oil                             |
| 820                  | 431                   | 6                     | 36,157                                | —                                          | 3,553        | 58        | 2,145   | Heavy Fuel oil total                |
| 334                  | —                     | —                     | 920                                   | —                                          | —            | 10,657    | —       | Heavy Fuel oil A                    |
| 406                  | 930                   | 507                   | 14,331                                | —                                          | 5,330        | 46        | 2,376   | Heavy Fuel oil B・C                  |
| —                    | —                     | —                     | 51                                    | —                                          | —            | —         | —       | Hydrocarbon oil                     |
| 945                  | —                     | —                     | —                                     | —                                          | 5            | 19,465    | —       | Liquefied petroleum gas             |
| 45,178               | 7,988                 | 1,728                 | 534,599                               | —                                          | 192,885      | 3,144,905 | 41,240  | Hydrocarbon gas                     |
| —                    | —                     | —                     | —                                     | —                                          | —            | 3,803,534 | —       | Petroleum coke                      |
| 7,575                | 123                   | 31                    | 60,317                                | —                                          | 37,939       | 9,861     | 22,004  | <b>Non-oil based fuels</b>          |
| 14,886               | —                     | 434                   | —                                     | —                                          | 17,215       | 13,808    | 1,982   | <b>(Crude petroleum equivalent)</b> |
| —                    | —                     | —                     | —                                     | —                                          | —            | 6,276     | —       | Coal for making                     |
| 4,152                | 3,605                 | 208                   | 466,806                               | —                                          | 53,103       | 195,635   | 6,531   | Coal                                |
| 861                  | 362                   | —                     | 807,507                               | —                                          | 744,357      | 1,652,480 | 74,451  | Coal coke                           |
| 7,147                | 883                   | —                     | 166,173                               | —                                          | 39,983       | 35,184    | 22,271  | Tar                                 |
| —                    | —                     | —                     | —                                     | —                                          | 363          | —         | 596     | Coke oven gas                       |
| 24                   | 256                   | —                     | 638                                   | —                                          | 23           | —         | 72      | Blast furnace gas                   |
| 208                  | 1,461                 | 63                    | 34,600                                | —                                          | 10,649       | 1,017     | 1,764   | Converter furnace gas               |
| 9,068                | 2,751                 | 923                   | 69,735                                | —                                          | 26,804       | 382       | 6,263   | Electric furnace gas                |
| 9,955                | 3,012                 | 1,013                 | 76,151                                | —                                          | 29,667       | 419       | 6,866   | Natural gas                         |
| 76,389               | 915                   | 543                   | 12,844                                | —                                          | 25,801       | —         | 926     | LNG                                 |
| 1,173,549            | 59,499                | 26,709                | 1,176,150                             | —                                          | 840,569      | 90,351    | 148,921 | Town gas(A)                         |
| 4,054                | 1,081                 | 337                   | 74,013                                | —                                          | 157,487      | 19,347    | 7,307   | Town gas(B)                         |
|                      |                       |                       |                                       |                                            |              |           |         | Oxygen                              |
|                      |                       |                       |                                       |                                            |              |           |         | Electricity                         |
|                      |                       |                       |                                       |                                            |              |           |         | Steam                               |

(January,2008)

## 1) 直接投入エネルギー表 Table of direct input energy

| 種 別          | 単 位<br>Unit        | Non-ferrous metals |                    |             |                                   |                              |           |                                   |
|--------------|--------------------|--------------------|--------------------|-------------|-----------------------------------|------------------------------|-----------|-----------------------------------|
|              |                    | 非鉄金属地金<br>工 業      | Non-ferrous metals |             |                                   |                              | 鉛<br>Lead | 溶錬工程<br>Fusing and mixing process |
|              |                    |                    | 非鉄金属地金             | 銅<br>Copper | 溶錬工程<br>Fusing and mixing process | 電解工程<br>Electrolytic process |           |                                   |
| 合 計（原油換算）    | kl                 | 130,310            | 109,769            | 37,018      | 30,169                            | 6,849                        | 9,141     | 8,290                             |
| 石油系燃料(原油換算)  | 〃                  | 36,698             | 33,913             | 10,867      | 10,866                            | 1                            | 927       | 491                               |
| ガソリン         | 〃                  | 6                  | 6                  | —           | —                                 | —                            | —         | —                                 |
| 灯油           | 〃                  | 3,058              | 1,844              | 71          | 70                                | 1                            | 13        | 6                                 |
| 軽油           | 〃                  | 331                | 197                | 9           | 9                                 | —                            | 1         | 1                                 |
| 重油計          | 〃                  | 22,553             | 21,691             | 8,846       | 8,846                             | —                            | 844       | 424                               |
| A 重油         | 〃                  | 10,841             | 10,230             | 559         | 559                               | —                            | 600       | 255                               |
| B・C 重油       | 〃                  | 11,712             | 11,461             | 8,287       | 8,287                             | —                            | 244       | 169                               |
| 炭化水素油        | 〃                  | 7,089              | 6,604              | 169         | 169                               | —                            | —         | —                                 |
| 液化石油ガス       | t                  | 1,176              | 1,108              | 378         | 378                               | —                            | —         | —                                 |
| オイルコークス      | 〃                  | 800                | 800                | 744         | 744                               | —                            | 56        | 56                                |
| 非石油系燃料(原油換算) | kl                 | 32,573             | 32,252             | 5,472       | 5,472                             | —                            | 6,968     | 6,968                             |
| 石炭           | t                  | 7,038              | 7,038              | 7,038       | 7,038                             | —                            | —         | —                                 |
| 石炭コークス       | 〃                  | 25,128             | 25,076             | 215         | 215                               | —                            | 8,255     | 8,255                             |
| コークス炉ガス      | 1000m <sup>3</sup> | —                  | —                  | —           | —                                 | —                            | —         | —                                 |
| 高炉ガス         | 〃                  | 26,506             | 26,506             | —           | —                                 | —                            | 7,527     | 7,527                             |
| 電気炉ガス        | 〃                  | —                  | —                  | —           | —                                 | —                            | —         | —                                 |
| 天然ガス         | 〃                  | 625                | 625                | —           | —                                 | —                            | —         | —                                 |
| 液化天然ガス       | t                  | 1,040              | 1,040              | 450         | 450                               | —                            | 24        | 24                                |
| 都市ガス(A)      | 1000m <sup>3</sup> | 3,655              | 3,413              | —           | —                                 | —                            | —         | —                                 |
| 都市ガス(B)      | 〃                  | 4,053              | 3,788              | —           | —                                 | —                            | —         | —                                 |
| 廃タイヤ         | t                  | —                  | —                  | —           | —                                 | —                            | —         | —                                 |
| 電力           | 1000kWh            | 542,614            | 386,765            | 155,920     | 98,491                            | 57,429                       | 11,432    | 7,298                             |
| 蒸気           | t                  | 152,820            | 110,322            | 89,325      | 67,541                            | 21,784                       | 2,642     | 2,205                             |

## 2) 一次投入燃料換算表 Conversion table for primary input fuel

|              |                    |         |         |         |        |        |        |       |
|--------------|--------------------|---------|---------|---------|--------|--------|--------|-------|
| 合 計（原油換算）    | kl                 | 122,729 | 102,901 | 30,355  | 25,295 | 5,060  | 9,136  | 8,287 |
| 石油系燃料(原油換算)  | 〃                  | 38,858  | 35,562  | 11,634  | 11,349 | 285    | 1,011  | 560   |
| ガソリン         | 〃                  | 6       | 6       | —       | —      | —      | —      | —     |
| 灯油           | 〃                  | 3,059   | 1,845   | 71      | 70     | 1      | 13     | 6     |
| 軽油           | 〃                  | 331     | 197     | 9       | 9      | —      | 1      | 1     |
| 重油計          | 〃                  | 24,636  | 23,282  | 9,566   | 9,295  | 272    | 927    | 492   |
| A 重油         | 〃                  | 12,176  | 11,256  | 739     | 606    | 133    | 679    | 320   |
| B・C 重油       | 〃                  | 12,461  | 12,026  | 8,828   | 8,689  | 139    | 248    | 173   |
| 炭化水素油        | 〃                  | 7,089   | 6,604   | 169     | 169    | —      | —      | —     |
| 液化石油ガス       | t                  | 1,176   | 1,108   | 378     | 378    | —      | —      | —     |
| オイルコークス      | 〃                  | 800     | 800     | 744     | 744    | —      | 56     | 56    |
| 非石油系燃料(原油換算) | kl                 | 33,687  | 32,984  | 5,472   | 5,472  | —      | 7,146  | 7,146 |
| 石炭           | t                  | 7,038   | 7,038   | 7,038   | 7,038  | —      | —      | —     |
| 石炭コークス       | 〃                  | 25,128  | 25,076  | 215     | 215    | —      | 8,255  | 8,255 |
| コークス炉ガス      | 1000m <sup>3</sup> | —       | —       | —       | —      | —      | —      | —     |
| 高炉ガス         | 〃                  | 37,870  | 34,820  | —       | —      | —      | 9,544  | 9,544 |
| 電気炉ガス        | 〃                  | —       | —       | —       | —      | —      | —      | —     |
| 天然ガス         | 〃                  | 625     | 625     | —       | —      | —      | —      | —     |
| 液化天然ガス       | t                  | 1,040   | 1,040   | 450     | 450    | —      | 24     | 24    |
| 都市ガス(A)      | 1000m <sup>3</sup> | 3,752   | 3,413   | —       | —      | —      | —      | —     |
| 都市ガス(B)      | 〃                  | 4,159   | 3,788   | —       | —      | —      | —      | —     |
| 廃タイヤ         | t                  | —       | —       | —       | —      | —      | —      | —     |
| 電力           | 1000kWh            | 501,400 | 355,224 | 128,947 | 80,316 | 48,631 | 10,354 | 6,250 |
| 蒸気           | t                  | 51,248  | 18,967  | 18,131  | 14,509 | 3,622  | 233    | —     |

| (非鉄金属地金)                     |            |                           |                        |                    |                                             |                                          |                  | Kind of energy                                                    |
|------------------------------|------------|---------------------------|------------------------|--------------------|---------------------------------------------|------------------------------------------|------------------|-------------------------------------------------------------------|
| 電解工程<br>Electrolytic process | 亜鉛<br>Zinc | 電気亜鉛<br>Electrolytic zinc | 蒸留亜鉛<br>Distilled zinc | アルミニウム<br>Aluminum | アルミニウム<br>二次地金<br>Secondary aluminum ingots | その他の<br>非鉄金属<br>Other Non-ferrous metals | その他の製品<br>Others |                                                                   |
| 851                          | 33,190     | 19,353                    | 13,837                 | 7,889              | 20,144                                      | 2,386                                    | 20,541           | <b>Total</b><br><b>(Crude petroleum equivalent)</b>               |
| 436                          | 1,244      | 653                       | 591                    | 2,939              | 16,986                                      | 950                                      | 2,785            | Oil based fuels<br>(Crude petroleum equivalent)                   |
| —                            | 2          | 2                         | —                      | 4                  | —                                           | —                                        | —                | Gasoline                                                          |
| 7                            | 3          | 3                         | —                      | 1,030              | 703                                         | 24                                       | 1,214            | Kerosene                                                          |
| —                            | 10         | 10                        | —                      | 19                 | 146                                         | 12                                       | 134              | Gas oil                                                           |
| 420                          | 1,155      | 602                       | 553                    | 1,767              | 8,808                                       | 271                                      | 862              | Heavy Fuel oil total                                              |
| 345                          | 471        | 249                       | 222                    | 575                | 7,754                                       | 271                                      | 611              | Heavy Fuel oil A                                                  |
| 75                           | 684        | 353                       | 331                    | 1,192              | 1,054                                       | —                                        | 251              | Heavy Fuel oil B・C                                                |
| —                            | —          | —                         | —                      | —                  | 6,435                                       | —                                        | 485              | Hydrocarbon oil                                                   |
| —                            | 10         | 4                         | 6                      | 52                 | 179                                         | 489                                      | 68               | Liquefied petroleum gas                                           |
| —                            | —          | —                         | —                      | —                  | —                                           | —                                        | —                | Petroleum coke                                                    |
| —                            | 15,098     | 2,966                     | 12,131                 | 3,083              | 1,561                                       | 70                                       | 321              | <b>Non-oil based fuels</b><br><b>(Crude petroleum equivalent)</b> |
| —                            | —          | —                         | —                      | —                  | —                                           | —                                        | —                | Coal                                                              |
| —                            | 16,556     | 2,851                     | 13,705                 | —                  | —                                           | 50                                       | 52               | Coal coke                                                         |
| —                            | —          | —                         | —                      | —                  | —                                           | —                                        | —                | Coke oven gas                                                     |
| —                            | 18,979     | 1,557                     | 17,422                 | —                  | —                                           | —                                        | —                | Blast furnace gas                                                 |
| —                            | —          | —                         | —                      | —                  | —                                           | —                                        | —                | Electric furnace gas                                              |
| —                            | —          | —                         | —                      | 625                | —                                           | —                                        | —                | Natural gas                                                       |
| —                            | 543        | 412                       | 131                    | —                  | —                                           | 23                                       | —                | LNG                                                               |
| —                            | 69         | 69                        | —                      | 2,031              | 1,313                                       | —                                        | 242              | Town gas(A)                                                       |
| —                            | 77         | 77                        | —                      | 2,241              | 1,470                                       | —                                        | 265              | Town gas(B)                                                       |
| —                            | —          | —                         | —                      | —                  | —                                           | —                                        | —                | Used tires                                                        |
| 4,134                        | 172,601    | 164,315                   | 8,286                  | 19,625             | 17,164                                      | 10,023                                   | 155,849          | <b>Electricity</b>                                                |
| 437                          | 11,469     | 6,487                     | 4,982                  | 615                | —                                           | 6,271                                    | 42,498           | <b>Steam</b>                                                      |
| 849                          | 33,291     | 19,432                    | 13,859                 | 7,922              | 20,144                                      | 2,053                                    | 19,827           | <b>Total</b><br><b>(Crude petroleum equivalent)</b>               |
| 451                          | 1,880      | 1,176                     | 704                    | 3,004              | 16,986                                      | 1,047                                    | 3,296            | Oil based fuels<br>(Crude petroleum equivalent)                   |
| —                            | 2          | 2                         | —                      | 4                  | —                                           | —                                        | —                | Gasoline                                                          |
| 7                            | 3          | 3                         | —                      | 1,030              | 703                                         | 25                                       | 1,214            | Kerosene                                                          |
| —                            | 10         | 10                        | —                      | 19                 | 146                                         | 12                                       | 134              | Gas oil                                                           |
| 435                          | 1,784      | 1,119                     | 665                    | 1,832              | 8,808                                       | 364                                      | 1,354            | Heavy Fuel oil total                                              |
| 359                          | 1,100      | 766                       | 334                    | 640                | 7,754                                       | 344                                      | 919              | Heavy Fuel oil A                                                  |
| 75                           | 684        | 353                       | 331                    | 1,192              | 1,054                                       | 20                                       | 435              | Heavy Fuel oil B・C                                                |
| —                            | —          | —                         | —                      | —                  | 6,435                                       | —                                        | 485              | Hydrocarbon oil                                                   |
| —                            | 10         | 4                         | 6                      | 52                 | 179                                         | 489                                      | 68               | Liquefied petroleum gas                                           |
| —                            | —          | —                         | —                      | —                  | —                                           | —                                        | —                | Petroleum coke                                                    |
| —                            | 15,578     | 2,980                     | 12,599                 | 3,081              | 1,562                                       | 145                                      | 702              | <b>Non-oil based fuels</b><br><b>(Crude petroleum equivalent)</b> |
| —                            | —          | —                         | —                      | —                  | —                                           | —                                        | —                | Coal                                                              |
| —                            | 16,556     | 2,851                     | 13,705                 | —                  | —                                           | 50                                       | 52               | Coal coke                                                         |
| —                            | —          | —                         | —                      | —                  | —                                           | —                                        | —                | Coke oven gas                                                     |
| —                            | 24,433     | 1,708                     | 22,725                 | —                  | —                                           | 843                                      | 3,050            | Blast furnace gas                                                 |
| —                            | —          | —                         | —                      | —                  | —                                           | —                                        | —                | Electric furnace gas                                              |
| —                            | —          | —                         | —                      | 625                | —                                           | —                                        | —                | Natural gas                                                       |
| —                            | 543        | 412                       | 131                    | —                  | —                                           | 23                                       | —                | LNG                                                               |
| —                            | 69         | 69                        | —                      | 2,031              | 1,313                                       | —                                        | 339              | Town gas(A)                                                       |
| —                            | 77         | 77                        | —                      | 2,240              | 1,470                                       | —                                        | 371              | Town gas(B)                                                       |
| —                            | —          | —                         | —                      | —                  | —                                           | —                                        | —                | Used tires                                                        |
| 4,104                        | 170,202    | 164,223                   | 5,979                  | 19,625             | 17,164                                      | 8,931                                    | 146,176          | <b>Electricity</b>                                                |
| 233                          | —          | —                         | —                      | 154                | —                                           | 449                                      | 32,281           | <b>Steam</b>                                                      |

(January,2008)

1) 直接投入エネルギー表 Table of direct input energy

| 種 別          | 単 位<br>Unit        | Machinery |           |                                          |                                                                                    |                                              |
|--------------|--------------------|-----------|-----------|------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------|
|              |                    | 機 械 工 業   | 機械器具製品    | Machinery products                       |                                                                                    |                                              |
|              |                    |           |           | 土木建設機械<br>Civil engineering<br>machinery | 金属工作機械及び<br>金属加工機械<br>Metal working machinery<br>and metal processing<br>machinery | 電 子 部 品<br>Parts for electronic<br>equipment |
| 合 計（原油換算）    | kl                 | 414,295   | 296,083   | 6,917                                    | 7,817                                                                              | 23,312                                       |
| 石油系燃料（原油換算）  | 〃                  | 59,047    | 31,131    | 1,319                                    | 2,260                                                                              | 1,055                                        |
| ガソリン         | 〃                  | 6,513     | 4,087     | 8                                        | 8                                                                                  | 2                                            |
| 灯油           | 〃                  | 9,195     | 3,933     | 125                                      | 186                                                                                | 312                                          |
| 軽油           | 〃                  | 4,121     | 1,289     | 440                                      | 20                                                                                 | —                                            |
| 重油計          | 〃                  | 20,530    | 6,313     | 20                                       | 1,933                                                                              | 196                                          |
| A 重油         | 〃                  | 19,378    | 6,191     | 20                                       | 1,933                                                                              | 196                                          |
| B・C 重油       | 〃                  | 1,152     | 122       | —                                        | —                                                                                  | —                                            |
| 炭化水素油        | 〃                  | 117       | —         | —                                        | —                                                                                  | —                                            |
| 液化石油ガス       | t                  | 14,884    | 12,269    | 567                                      | 79                                                                                 | 426                                          |
| 石油系炭化水素ガス    | 1000m <sup>3</sup> | —         | —         | —                                        | —                                                                                  | —                                            |
| オイルコークス      | t                  | —         | —         | —                                        | —                                                                                  | —                                            |
| 非石油系燃料（原油換算） | kl                 | 90,110    | 59,216    | 1,836                                    | 626                                                                                | 1,467                                        |
| 石炭           | t                  | 7         | 7         | —                                        | 7                                                                                  | —                                            |
| 石炭コークス       | 〃                  | 5,567     | 5,298     | —                                        | —                                                                                  | —                                            |
| コークス炉ガス      | 1000m <sup>3</sup> | —         | —         | —                                        | —                                                                                  | —                                            |
| 高炉ガス         | 〃                  | —         | —         | —                                        | —                                                                                  | —                                            |
| 転炉ガス         | 〃                  | —         | —         | —                                        | —                                                                                  | —                                            |
| 天然ガス         | 〃                  | 2,749     | 2,720     | —                                        | —                                                                                  | 3                                            |
| 液化石油ガス       | t                  | 5,176     | 2,669     | —                                        | 9                                                                                  | 263                                          |
| 都市ガス（A）      | 1000m <sup>3</sup> | 64,254    | 41,161    | 1,577                                    | 532                                                                                | 929                                          |
| 都市ガス（B）      | 〃                  | 71,076    | 45,539    | 1,729                                    | 573                                                                                | 1,029                                        |
| 廃タイヤ         | t                  | —         | —         | —                                        | —                                                                                  | —                                            |
| 電力           | 1000kWh            | 2,850,237 | 2,211,662 | 40,435                                   | 53,013                                                                             | 223,498                                      |

2) 一次投入燃料換算表 Conversion table for primary input fuel

|              |                    |           |           |        |        |         |
|--------------|--------------------|-----------|-----------|--------|--------|---------|
| 合 計（原油換算）    | kl                 | 542,851   | 402,194   | 7,035  | 9,717  | 29,858  |
| 石油系燃料（原油換算）  | 〃                  | 80,664    | 49,965    | 1,551  | 2,677  | 1,954   |
| ガソリン         | 〃                  | 6,513     | 4,087     | 8      | 8      | 2       |
| 灯油           | 〃                  | 11,934    | 6,438     | 125    | 287    | 314     |
| 軽油           | 〃                  | 4,155     | 1,319     | 440    | 20     | 2       |
| 重油計          | 〃                  | 36,743    | 20,054    | 250    | 2,251  | 220     |
| A 重油         | 〃                  | 34,475    | 19,320    | 250    | 2,251  | 220     |
| B・C 重油       | 〃                  | 2,268     | 733       | —      | —      | —       |
| 炭化水素油        | 〃                  | 117       | —         | —      | —      | —       |
| 液化石油ガス       | t                  | 16,808    | 14,175    | 567    | 79     | 1,090   |
| 石油系炭化水素ガス    | 1000m <sup>3</sup> | —         | —         | —      | —      | —       |
| オイルコークス      | t                  | —         | —         | —      | —      | —       |
| 非石油系燃料（原油換算） | kl                 | 235,477   | 177,161   | 1,836  | 2,569  | 10,028  |
| 石炭           | t                  | 22,008    | 14,779    | —      | 7      | —       |
| 石炭コークス       | 〃                  | 5,567     | 5,298     | —      | —      | —       |
| コークス炉ガス      | 1000m <sup>3</sup> | —         | —         | —      | —      | —       |
| 高炉ガス         | 〃                  | —         | —         | —      | —      | —       |
| 転炉ガス         | 〃                  | —         | —         | —      | —      | —       |
| 天然ガス         | 〃                  | 6,768     | 6,725     | —      | —      | 3       |
| 液化石油ガス       | t                  | 9,246     | 5,755     | —      | 74     | 524     |
| 都市ガス（A）      | 1000m <sup>3</sup> | 167,014   | 125,781   | 1,577  | 2,123  | 8,066   |
| 都市ガス（B）      | 〃                  | 184,536   | 139,021   | 1,729  | 2,316  | 8,743   |
| 廃タイヤ         | t                  | —         | —         | —      | —      | —       |
| 電力           | 1000kWh            | 2,437,133 | 1,881,974 | 39,215 | 48,065 | 192,159 |

（平成20年1月分）

| (機械器具製品)                                                                            |                                                                                                      |                                                                                  |                      | Kind of energy                                              |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------|
| 電子管・半導体素子<br>・集積回路<br><br>Electron tubes,<br>semiconductors,<br>integrated circuits | 電子計算機及び関連<br>装置、電子応用装置<br><br>Computers and related<br>equipment, associated<br>electronic equipment | 自動車及び部品<br>(二輪自動車を含む)<br><br>Automobiles<br>(including motorcycles)<br>and parts | その他の製品<br><br>Others |                                                             |
| 73,642                                                                              | 19,255                                                                                               | 165,140                                                                          | 118,212              | <b>Total<br/>(Crude petroleum equivalent)</b>               |
| 2,961                                                                               | 638                                                                                                  | 22,899                                                                           | 27,915               | <b>Oil based fuels<br/>(Crude petroleum equivalent)</b>     |
| 5                                                                                   | 2                                                                                                    | 4,062                                                                            | 2,426                | Gasoline                                                    |
| 297                                                                                 | 39                                                                                                   | 2,974                                                                            | 5,262                | Kerosene                                                    |
| —                                                                                   | —                                                                                                    | 829                                                                              | 2,832                | Gas oil                                                     |
| 769                                                                                 | 455                                                                                                  | 2,940                                                                            | 14,217               | Heavy Fuel oil total                                        |
| 769                                                                                 | 455                                                                                                  | 2,818                                                                            | 13,187               | Heavy Fuel oil A                                            |
| —                                                                                   | —                                                                                                    | 122                                                                              | 1,030                | Heavy Fuel oil B・C                                          |
| —                                                                                   | —                                                                                                    | —                                                                                | 117                  | Hydrocarbon oil                                             |
| 1,446                                                                               | 106                                                                                                  | 9,645                                                                            | 2,615                | Liquefied petroleum gas                                     |
| —                                                                                   | —                                                                                                    | —                                                                                | —                    | Hydrocarbon gas                                             |
| —                                                                                   | —                                                                                                    | —                                                                                | —                    | Petroleum coke                                              |
| 4,184                                                                               | 2,331                                                                                                | 48,771                                                                           | 30,894               | <b>Non-oil based fuels<br/>(Crude petroleum equivalent)</b> |
| —                                                                                   | —                                                                                                    | —                                                                                | —                    | Coal                                                        |
| —                                                                                   | —                                                                                                    | 5,298                                                                            | 269                  | Coal coke                                                   |
| —                                                                                   | —                                                                                                    | —                                                                                | —                    | Coke oven gas                                               |
| —                                                                                   | —                                                                                                    | —                                                                                | —                    | Blast furnace gas                                           |
| —                                                                                   | —                                                                                                    | —                                                                                | —                    | Converter furnace gas                                       |
| 6                                                                                   | —                                                                                                    | 2,711                                                                            | 29                   | Natural gas                                                 |
| —                                                                                   | —                                                                                                    | 2,397                                                                            | 2,507                | LNG                                                         |
| 3,603                                                                               | 2,003                                                                                                | 32,517                                                                           | 23,093               | Town gas(A)                                                 |
| 3,934                                                                               | 2,195                                                                                                | 36,080                                                                           | 25,536               | Town gas(B)                                                 |
| —                                                                                   | —                                                                                                    | —                                                                                | —                    | Used tires                                                  |
| 714,841                                                                             | 175,077                                                                                              | 1,004,798                                                                        | 638,575              | <b>Electricity</b>                                          |
| 97,328                                                                              | 22,295                                                                                               | 235,961                                                                          | 140,658              | <b>Total<br/>(Crude petroleum equivalent)</b>               |
| 6,514                                                                               | 1,240                                                                                                | 36,030                                                                           | 30,699               | <b>Oil based fuels<br/>(Crude petroleum equivalent)</b>     |
| 5                                                                                   | 2                                                                                                    | 4,062                                                                            | 2,426                | Gasoline                                                    |
| 2,062                                                                               | 39                                                                                                   | 3,610                                                                            | 5,496                | Kerosene                                                    |
| —                                                                                   | —                                                                                                    | 857                                                                              | 2,836                | Gas oil                                                     |
| 1,252                                                                               | 952                                                                                                  | 15,130                                                                           | 16,689               | Heavy Fuel oil total                                        |
| 1,252                                                                               | 952                                                                                                  | 14,397                                                                           | 15,154               | Heavy Fuel oil A                                            |
| —                                                                                   | —                                                                                                    | 733                                                                              | 1,535                | Heavy Fuel oil B・C                                          |
| —                                                                                   | —                                                                                                    | —                                                                                | 117                  | Hydrocarbon oil                                             |
| 2,506                                                                               | 182                                                                                                  | 9,751                                                                            | 2,633                | Liquefied petroleum gas                                     |
| —                                                                                   | —                                                                                                    | —                                                                                | —                    | Hydrocarbon gas                                             |
| —                                                                                   | —                                                                                                    | —                                                                                | —                    | Petroleum coke                                              |
| 32,584                                                                              | 5,647                                                                                                | 124,497                                                                          | 58,316               | <b>Non-oil based fuels<br/>(Crude petroleum equivalent)</b> |
| —                                                                                   | —                                                                                                    | 14,772                                                                           | 7,229                | Coal                                                        |
| —                                                                                   | —                                                                                                    | 5,298                                                                            | 269                  | Coal coke                                                   |
| —                                                                                   | —                                                                                                    | —                                                                                | —                    | Coke oven gas                                               |
| —                                                                                   | —                                                                                                    | —                                                                                | —                    | Blast furnace gas                                           |
| —                                                                                   | —                                                                                                    | —                                                                                | —                    | Converter furnace gas                                       |
| 2,747                                                                               | —                                                                                                    | 3,975                                                                            | 43                   | Natural gas                                                 |
| 301                                                                                 | —                                                                                                    | 4,856                                                                            | 3,491                | LNG                                                         |
| 24,976                                                                              | 4,841                                                                                                | 84,198                                                                           | 41,233               | Town gas(A)                                                 |
| 27,374                                                                              | 5,317                                                                                                | 93,542                                                                           | 45,515               | Town gas(B)                                                 |
| —                                                                                   | —                                                                                                    | —                                                                                | —                    | Used tires                                                  |
| 625,973                                                                             | 165,639                                                                                              | 810,924                                                                          | 555,159              | <b>Electricity</b>                                          |

## (1) 指定生産品目別燃料在庫 Fuel inventory, broken down by designated product

| 指 定 生 産 品 目<br>Specified Products                             | 原 油<br>Crude petroleum<br>kl | ガ ソ リ ン<br>Gasoline<br>kl | ナ フ サ<br>Naphtha<br>kl | 改 質 生 成 油<br>Oil produced<br>by conversion<br>kl | 灯 油<br>Kerosene<br>kl |
|---------------------------------------------------------------|------------------------------|---------------------------|------------------------|--------------------------------------------------|-----------------------|
| <b>化 学 工 業</b><br>Chemical products                           |                              |                           |                        |                                                  |                       |
| 石 油 化 学 製 品<br>Petro-chemicals                                | 23,748                       | —                         | 765,100                | 13,859                                           | 4,240                 |
| アンモニア及びアンモニア誘導品<br>Ammonia and ammonia-derived products       | —                            | —                         | 2,156                  | —                                                | —                     |
| ソーダ工業製品<br>Soda products                                      | 122                          | —                         | —                      | —                                                | 213                   |
| <b>窯 業 ・ 土 石 製 品 工 業</b><br>Ceramics, clay and stone products |                              |                           |                        |                                                  |                       |
| セ メ ン ト<br>Cement                                             | —                            | —                         | —                      | —                                                | 59                    |
| 板 ガ ラ ス<br>Sheet glass                                        | —                            | —                         | —                      | —                                                | 36                    |
| 石 灰<br>Lime                                                   | —                            | —                         | —                      | —                                                | 655                   |
| <b>非 鉄 金 属 地 金 工 業</b><br>Non-ferrous metals                  |                              |                           |                        |                                                  |                       |
| 銅<br>Copper                                                   | —                            | —                         | —                      | —                                                | —                     |
| 鉛<br>Lead                                                     | —                            | —                         | —                      | —                                                | 1                     |
| 亜 鉛<br>Zinc                                                   | —                            | 1                         | —                      | —                                                | —                     |
| ア ル ミ ニ ウ ム<br>Aluminum                                       | —                            | 1                         | —                      | —                                                | 721                   |
| ア ル ミ ニ ウ ム 二 次 地 金<br>Secondary aluminum ingots              | —                            | —                         | —                      | —                                                | 145                   |

注1. 原油にはNGL・コンデンセートを含む。  
2. 石炭コークスにはピッチコークスを含む。

| 軽油<br>Gas oil<br>kl | A重油<br>Heavy Fuel oil A<br>kl | B・C重油<br>Heavy Fuel oil B・C<br>kl | 液化石油ガス<br>LPG<br>t | オイルコークス<br>Petroleum coke<br>t | 石炭<br>Coal<br>t | 石炭コークス<br>Coal coke<br>t |
|---------------------|-------------------------------|-----------------------------------|--------------------|--------------------------------|-----------------|--------------------------|
| 13,016              | 744                           | 28,568                            | 32,856             | 41,228                         | 52,244          | —                        |
| —                   | 175                           | 1,450                             | 362                | 95,407                         | 41,008          | —                        |
| —                   | 2,645                         | 11,622                            | 7                  | 62,463                         | 199,832         | 2,527                    |
| 9                   | 3,287                         | 28,423                            | —                  | 151,731                        | 673,717         | —                        |
| —                   | 49                            | 17,500                            | 88                 | —                              | —               | —                        |
| 75                  | 878                           | 7,470                             | 33                 | 10,165                         | 4,670           | 10,637                   |
| 2                   | 114                           | 3,144                             | 24                 | 535                            | 17,315          | 417                      |
| —                   | 331                           | 133                               | —                  | 8                              | —               | 7,232                    |
| 1                   | 430                           | 353                               | 9                  | —                              | —               | 16,153                   |
| 1                   | 237                           | 217                               | 3                  | —                              | —               | —                        |
| 19                  | 729                           | 207                               | 7                  | —                              | —               | —                        |

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1. Crude oil includes NGL・condensate in liquid form.  
2. Coal coke includes pitch coke.

## 4. 地域別統計 Regional statistics

経済産業局別業種別エネルギー消費 Energy consumption in each region of the Bureau of Economy, Trade and Industry, by industry

## 1) 北海道経済産業局管内 Hokkaido Bureau of Economy, Trade and Industry

| 種 別           | 単 位                | 合 計       | 重複事業所分<br>補 正 量        | パルプ・紙・板紙<br>工 業         | 化 学 工 業           | 化 学 繊 維 工 業     |
|---------------|--------------------|-----------|------------------------|-------------------------|-------------------|-----------------|
|               | Unit               | Total     | Duplication adjustment | Pulp, Paper, Paperboard | Chemical industry | Chemical fibers |
| 合 計（原油換算）     | kl                 | 798,949   | 6,226                  | 202,177                 | 128,175           | —               |
| 石油系燃料（原油換算）   | 〃                  | 293,764   | 3,714                  | 28,510                  | 126,583           | —               |
| 原 油           | 〃                  | 436       | —                      | —                       | 436               | —               |
| ガ ソ リ ン       | 〃                  | 6         | —                      | —                       | —                 | —               |
| ナ フ サ         | 〃                  | —         | —                      | —                       | —                 | —               |
| 改 質 生 成 油     | 〃                  | 127,804   | —                      | —                       | 127,804           | —               |
| 灯 油           | 〃                  | 395       | 22                     | 57                      | —                 | —               |
| 軽 油           | 〃                  | 175       | 420                    | —                       | —                 | —               |
| A 重 油         | 〃                  | 6,744     | 3,085                  | 414                     | 18                | —               |
| B ・ C 重 油     | 〃                  | 41,637    | —                      | 25,555                  | 462               | —               |
| 炭 化 水 素 油     | 〃                  | 19,388    | —                      | 152                     | —                 | —               |
| 液 化 石 油 ガ ス   | t                  | 13,417    | 127                    | 156                     | 5,239             | —               |
| 石油系炭化水素ガス     | 1000m <sup>3</sup> | 72,946    | —                      | —                       | 2,478             | —               |
| オ イ ル コ ー ク ス | t                  | 2,293     | —                      | —                       | —                 | —               |
| 非石油系燃料（原油換算）  | kl                 | 469,525   | 1,348                  | 160,337                 | —                 | —               |
| 石 炭           | t                  | 393,102   | 1,760                  | 136,751                 | —                 | —               |
| 石 炭 コ ー ク ス   | 〃                  | 84,702    | 187                    | —                       | —                 | —               |
| コ ー ク ス 炉 ガ ス | 1000m <sup>3</sup> | 39,110    | —                      | —                       | —                 | —               |
| 高 炉 ガ ス       | 〃                  | 296,344   | —                      | —                       | —                 | —               |
| 液 化 天 然 ガ ス   | t                  | 334       | 26                     | 308                     | —                 | —               |
| 都 市 ガ ス（B）    | 1000m <sup>3</sup> | 545       | —                      | —                       | —                 | —               |
| 回 収 黒 液       | 絶乾t                | 180,275   | —                      | 180,275                 | —                 | —               |
| 電 力           | 1000kWh            | 737,452   | 12,508                 | 428,874                 | 15,119            | —               |
| う ち 購 入 分     | 〃                  | 264,303   | 12,508                 | 102,871                 | 14,202            | —               |
| 蒸 気           | t                  | 3,826,739 | —                      | 2,353,827               | 15,720            | —               |
| う ち 受 入 分     | 〃                  | 136,523   | —                      | 30,738                  | 3,923             | —               |

## 2) 東北経済産業局管内 Tohoku Bureau of Economy, Trade and Industry

|               |                    |           |   |           |         |       |
|---------------|--------------------|-----------|---|-----------|---------|-------|
| 合 計（原油換算）     | kl                 | 479,122   | — | 190,725   | 97,977  | 196   |
| 石油系燃料（原油換算）   | 〃                  | 204,316   | — | 26,367    | 82,119  | —     |
| 原 油           | 〃                  | —         | — | —         | —       | —     |
| ガ ソ リ ン       | 〃                  | 10        | — | —         | —       | —     |
| ナ フ サ         | 〃                  | —         | — | —         | —       | —     |
| 改 質 生 成 油     | 〃                  | 75,661    | — | —         | 75,661  | —     |
| 灯 油           | 〃                  | 3,477     | — | 1         | 1       | —     |
| 軽 油           | 〃                  | 178       | — | 26        | —       | —     |
| A 重 油         | 〃                  | 14,069    | — | 3,028     | 1,267   | —     |
| B ・ C 重 油     | 〃                  | 39,882    | — | 21,414    | 132     | —     |
| 炭 化 水 素 油     | 〃                  | 124       | — | 56        | —       | —     |
| 液 化 石 油 ガ ス   | t                  | 16,687    | — | 29        | 8,162   | —     |
| 石油系炭化水素ガス     | 1000m <sup>3</sup> | 39,207    | — | —         | 1,170   | —     |
| オ イ ル コ ー ク ス | t                  | 9,438     | — | —         | —       | —     |
| 非石油系燃料（原油換算）  | kl                 | 221,954   | — | 156,419   | 11,122  | —     |
| 石 炭           | t                  | 168,352   | — | 101,872   | 16,748  | —     |
| 石 炭 コ ー ク ス   | 〃                  | 12,441    | — | —         | —       | —     |
| コ ー ク ス 炉 ガ ス | 1000m <sup>3</sup> | —         | — | —         | —       | —     |
| 高 炉 ガ ス       | 〃                  | 41,177    | — | —         | —       | —     |
| 液 化 天 然 ガ ス   | t                  | 2,377     | — | —         | —       | —     |
| 都 市 ガ ス（B）    | 1000m <sup>3</sup> | 2,965     | — | —         | —       | —     |
| 回 収 黒 液       | 絶乾t                | 207,499   | — | 207,499   | —       | —     |
| 電 力           | 1000kWh            | 978,019   | — | 420,669   | 53,767  | 832   |
| う ち 購 入 分     | 〃                  | 520,466   | — | 84,354    | 30,048  | 832   |
| 蒸 気           | t                  | 3,160,270 | — | 2,469,993 | 188,737 | 1,715 |
| う ち 受 入 分     | 〃                  | 49,719    | — | 1,339     | 28,086  | 1,715 |

(平成20年1月分)

| 石 油 製 品 工 業        | 窯業・土石製品<br>工 業                       | ガラス製品工業        | 鉄 鋼 業          | 非鉄金属地金<br>工 業      | 機 械 工 業   | Kind of energy                      |
|--------------------|--------------------------------------|----------------|----------------|--------------------|-----------|-------------------------------------|
| Petroleum products | Ceramics, clay and<br>stone products | Glass products | Iron and steel | Non-ferrous metals | Machinery |                                     |
| 127,953            | 36,879                               | —              | 296,948        | —                  | 13,040    | <b>Total</b>                        |
| 127,953            | 3,157                                | —              | 6,184          | —                  | 5,090     | <b>(Crude petroleum equivalent)</b> |
| —                  | —                                    | —              | —              | —                  | —         | Oil based fuels                     |
| 4                  | 2                                    | —              | —              | —                  | —         | (Crude petroleum equivalent)        |
| —                  | —                                    | —              | —              | —                  | —         | Crude petroleum                     |
| —                  | —                                    | —              | —              | —                  | —         | Gasoline                            |
| —                  | —                                    | —              | —              | —                  | —         | Naphtha                             |
| —                  | 21                                   | —              | 317            | —                  | 22        | Oil produced by conversion          |
| 97                 | 4                                    | —              | 74             | —                  | 420       | Kerosene                            |
| —                  | 290                                  | —              | 4,714          | —                  | 4,393     | Gas oil                             |
| 14,635             | 985                                  | —              | —              | —                  | —         | Heavy Fuel oil A                    |
| 19,236             | —                                    | —              | —              | —                  | —         | Heavy Fuel oil B・C                  |
| 7,181              | —                                    | —              | 799            | —                  | 169       | Hydrocarbon oil                     |
| 70,468             | —                                    | —              | —              | —                  | —         | Liquefied petroleum gas             |
| —                  | 2,293                                | —              | —              | —                  | —         | Hydrocarbon gas                     |
| —                  | —                                    | —              | —              | —                  | —         | Petroleum coke                      |
| —                  | 32,113                               | —              | 273,550        | —                  | 4,873     | <b>Non-oil based fuels</b>          |
| —                  | 47,451                               | —              | 208,900        | —                  | 1,760     | <b>(Crude petroleum equivalent)</b> |
| —                  | —                                    | —              | 84,702         | —                  | 187       | Coal                                |
| —                  | 127                                  | —              | 38,983         | —                  | —         | Coal coke                           |
| —                  | —                                    | —              | 296,344        | —                  | —         | Coke oven gas                       |
| —                  | —                                    | —              | 26             | —                  | 26        | Blast furnace gas                   |
| —                  | —                                    | —              | —              | —                  | 545       | LNG                                 |
| —                  | —                                    | —              | —              | —                  | —         | Town gas(B)                         |
| —                  | —                                    | —              | —              | —                  | —         | Black liquor                        |
| 76,348             | 45,522                               | —              | 144,745        | —                  | 39,352    | <b>Electricity</b>                  |
| 2                  | 17,248                               | —              | 109,410        | —                  | 33,078    | among those purchased               |
| 356,608            | 116,510                              | —              | 984,074        | —                  | —         | <b>Steam</b>                        |
| —                  | 74                                   | —              | 101,788        | —                  | —         | among those accepted                |

|         |        |        |         |         |        |                                     |
|---------|--------|--------|---------|---------|--------|-------------------------------------|
| 59,987  | 28,321 | 2,853  | 44,504  | 37,230  | 17,325 | <b>Total</b>                        |
| 59,282  | 8,511  | 1,555  | 14,687  | 7,602   | 4,190  | <b>(Crude petroleum equivalent)</b> |
| —       | —      | —      | —       | —       | —      | Oil based fuels                     |
| —       | —      | —      | —       | —       | 10     | (Crude petroleum equivalent)        |
| —       | —      | —      | —       | —       | —      | Crude petroleum                     |
| —       | —      | —      | —       | —       | —      | Gasoline                            |
| —       | —      | —      | —       | —       | —      | Naphtha                             |
| —       | —      | —      | —       | —       | —      | Oil produced by conversion          |
| —       | 27     | 65     | 1,071   | 330     | 1,982  | Kerosene                            |
| —       | 70     | 1      | 17      | 61      | 3      | Gas oil                             |
| 84      | 77     | 1,333  | 3,795   | 3,018   | 1,467  | Heavy Fuel oil A                    |
| 5,330   | 941    | —      | 8,675   | 3,390   | —      | Heavy Fuel oil B・C                  |
| —       | 68     | —      | —       | —       | —      | Hydrocarbon oil                     |
| 7,082   | —      | 112    | 324     | 356     | 622    | Liquefied petroleum gas             |
| 38,037  | —      | —      | —       | —       | —      | Hydrocarbon gas                     |
| —       | 9,379  | —      | 3       | 56      | —      | Petroleum coke                      |
| —       | 17,931 | —      | 14,107  | 17,347  | 5,029  | <b>Non-oil based fuels</b>          |
| —       | 25,897 | —      | 18,923  | 4,912   | —      | <b>(Crude petroleum equivalent)</b> |
| —       | 83     | —      | 525     | 11,833  | —      | Coal                                |
| —       | —      | —      | —       | —       | —      | Coal coke                           |
| —       | —      | —      | —       | 41,177  | —      | Coke oven gas                       |
| —       | —      | —      | —       | 1,040   | 1,331  | Blast furnace gas                   |
| —       | —      | —      | 6       | —       | 2,965  | LNG                                 |
| —       | —      | —      | —       | —       | —      | Town gas(B)                         |
| —       | —      | —      | —       | —       | —      | Black liquor                        |
| 40,772  | 34,487 | 16,605 | 182,084 | 132,390 | 96,413 | <b>Electricity</b>                  |
| 7,567   | 20,211 | 9,531  | 168,868 | 111,899 | 87,156 | among those purchased               |
| 242,150 | 64,926 | 1,815  | 28,975  | 161,959 | —      | <b>Steam</b>                        |
| —       | —      | —      | —       | 18,579  | —      | among those accepted                |

(January,2008)

3) 関東経済産業局管内 Kanto Bureau of Economy, Trade and Industry

| 種 別           | 単 位                | 合 計        | 重複事業所分<br>補 正 量        | パルプ・紙・板紙<br>工 業         | 化 学 工 業           | 化学繊維工業          |
|---------------|--------------------|------------|------------------------|-------------------------|-------------------|-----------------|
|               | Unit               | Total      | Duplication adjustment | Pulp, Paper, Paperboard | Chemical industry | Chemical fibers |
| 合 計（原油換算）     | kl                 | 7,323,086  | 38,463                 | 268,916                 | 3,269,314         | 13,412          |
| 石油系燃料（原油換算）   | 〃                  | 3,735,327  | 12,326                 | 86,265                  | 2,958,336         | 5,024           |
| 原 油           | 〃                  | —          | —                      | —                       | —                 | —               |
| ガ ソ リ ン       | 〃                  | 2,154      | 6                      | 1                       | 12                | —               |
| ナ フ サ         | 〃                  | 1,763,110  | —                      | —                       | 1,758,501         | —               |
| 改 質 生 成 油     | 〃                  | 497,718    | —                      | —                       | 497,718           | —               |
| 灯 油           | 〃                  | 48,784     | 120                    | 3,430                   | 37,731            | 1               |
| 軽 油           | 〃                  | 27,573     | 165                    | 42                      | 24,405            | —               |
| A 重 油         | 〃                  | 38,879     | 601                    | 3,569                   | 436               | 495             |
| B ・ C 重 油     | 〃                  | 199,145    | 5,939                  | 73,015                  | 20,743            | 3,851           |
| 炭 化 水 素 油     | 〃                  | 147,130    | —                      | —                       | 82,040            | —               |
| 液 化 石 油 ガ ス   | t                  | 356,174    | 12                     | 238                     | 316,500           | 269             |
| 石油系炭化水素ガス     | 1000m <sup>3</sup> | 656,065    | —                      | —                       | 312,329           | —               |
| オイルコークス       | t                  | 45,560     | 6,463                  | —                       | 40,180            | —               |
| 非石油系燃料（原油換算）  | kl                 | 3,128,834  | 16,632                 | 161,027                 | 116,747           | 6,562           |
| 石 炭           | t                  | 1,944,932  | 9,245                  | 11,787                  | 9,245             | —               |
| 石 炭 コ ー ク ス   | 〃                  | 1,013,355  | 6,040                  | —                       | 6,040             | —               |
| コ ー ク ス 炉 ガ ス | 1000m <sup>3</sup> | 392,403    | —                      | —                       | 8,357             | —               |
| 高 炉 ガ ス       | 〃                  | 2,430,793  | —                      | —                       | —                 | —               |
| 液 化 天 然 ガ ス   | t                  | 40,584     | —                      | 7,226                   | 8,642             | —               |
| 都 市 ガ ス（B）    | 1000m <sup>3</sup> | 199,080    | —                      | 51,491                  | 30,566            | 6,179           |
| 回 収 黒 液       | 絶乾t                | 198,511    | —                      | 198,511                 | —                 | —               |
| 電 力           | 1000kWh            | 5,079,764  | 122,086                | 598,311                 | 1,232,179         | 35,574          |
| う ち 購 入 分     | 〃                  | 3,339,833  | 81,814                 | 206,916                 | 884,429           | 19,621          |
| 蒸 気           | t                  | 13,708,833 | 114,041                | 3,021,205               | 4,887,632         | 136,040         |
| う ち 受 入 分     | 〃                  | 2,040,972  | —                      | 30,672                  | 1,577,366         | —               |

4) 中部経済産業局管内 Chubu Bureau of Economy, Trade and Industry

|               |                    |           |       |           |           |         |
|---------------|--------------------|-----------|-------|-----------|-----------|---------|
| 合 計（原油換算）     | kl                 | 2,153,401 | 1,776 | 135,798   | 619,966   | 29,400  |
| 石油系燃料（原油換算）   | 〃                  | 955,052   | 107   | 31,894    | 539,970   | 17,768  |
| 原 油           | 〃                  | —         | —     | —         | —         | —       |
| ガ ソ リ ン       | 〃                  | 2,691     | —     | 7         | —         | 3       |
| ナ フ サ         | 〃                  | 219,237   | —     | —         | 216,075   | —       |
| 改 質 生 成 油     | 〃                  | 195,822   | —     | —         | 195,822   | —       |
| 灯 油           | 〃                  | 9,993     | —     | 1,232     | 129       | 584     |
| 軽 油           | 〃                  | 3,444     | —     | 31        | 9         | 16      |
| A 重 油         | 〃                  | 27,687    | 106   | 1,697     | 539       | 4,028   |
| B ・ C 重 油     | 〃                  | 133,818   | —     | 21,150    | 23,095    | 8,491   |
| 炭 化 水 素 油     | 〃                  | 77,591    | —     | 2,612     | 11,482    | 107     |
| 液 化 石 油 ガ ス   | t                  | 63,325    | —     | 148       | 46,874    | 150     |
| 石油系炭化水素ガス     | 1000m <sup>3</sup> | 141,244   | —     | —         | 39,891    | —       |
| オイルコークス       | t                  | 88,018    | —     | 3,950     | 37,327    | 4,685   |
| 非石油系燃料（原油換算）  | kl                 | 1,030,444 | 1,441 | 92,268    | 57,537    | 4,558   |
| 石 炭           | t                  | 596,283   | —     | 18,725    | 50,653    | —       |
| 石 炭 コ ー ク ス   | 〃                  | 281,178   | —     | —         | —         | —       |
| コ ー ク ス 炉 ガ ス | 1000m <sup>3</sup> | 99,355    | —     | —         | —         | —       |
| 高 炉 ガ ス       | 〃                  | 942,431   | —     | —         | —         | —       |
| 液 化 天 然 ガ ス   | t                  | 21,885    | —     | 978       | 15,915    | —       |
| 都 市 ガ ス（B）    | 1000m <sup>3</sup> | 106,237   | 1,357 | 263       | 1,361     | 4,293   |
| 回 収 黒 液       | 絶乾t                | 186,455   | —     | 186,455   | —         | —       |
| 電 力           | 1000kWh            | 2,625,741 | 6,897 | 316,855   | 325,426   | 94,436  |
| う ち 購 入 分     | 〃                  | 1,596,885 | 2,443 | 108,039   | 102,618   | 59,323  |
| 蒸 気           | t                  | 5,898,023 | 8,456 | 1,622,933 | 1,516,141 | 209,361 |
| う ち 受 入 分     | 〃                  | 250,129   | —     | 20,531    | 177,898   | 22,483  |

（平成20年1月分）

| 石 油 製 品 工 業<br>Petroleum products | 窯業・土石製品<br>工 業<br>Ceramics, clay and<br>stone products | ガラス製品工業<br>Glass products | 鉄 鋼 業<br>Iron and steel | 非鉄金属地金<br>工 業<br>Non-ferrous metals | 機 械 工 業<br>Machinery | Kind of energy                                              |
|-----------------------------------|--------------------------------------------------------|---------------------------|-------------------------|-------------------------------------|----------------------|-------------------------------------------------------------|
| 635,011                           | 155,042                                                | 24,947                    | 2,810,984               | 25,374                              | 158,558              | <b>Total<br/>(Crude petroleum equivalent)</b>               |
| 583,502                           | 42,316                                                 | 7,282                     | 29,834                  | 7,438                               | 27,660               | <b>Oil based fuels<br/>(Crude petroleum equivalent)</b>     |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Crude petroleum                                             |
| 9                                 | 7                                                      | 1                         | 29                      | 6                                   | 2,095                | Gasoline                                                    |
| 4,609                             | —                                                      | —                         | —                       | —                                   | —                    | Naphtha                                                     |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Oil produced by conversion                                  |
| 293                               | 465                                                    | 103                       | 1,732                   | 343                                 | 4,806                | Kerosene                                                    |
| 15                                | 723                                                    | 1                         | 293                     | 98                                  | 2,161                | Gas oil                                                     |
| 7,697                             | 3,124                                                  | 1,781                     | 5,645                   | 3,265                               | 13,468               | Heavy Fuel oil A                                            |
| 76,883                            | 24,001                                                 | 3,548                     | 2,562                   | 481                                 | —                    | Heavy Fuel oil B・C                                          |
| 51,496                            | 1,672                                                  | —                         | 8,923                   | 2,885                               | 114                  | Hydrocarbon oil                                             |
| 25,660                            | 932                                                    | 1,173                     | 7,253                   | 52                                  | 4,109                | Liquefied petroleum gas                                     |
| 343,685                           | —                                                      | —                         | 51                      | —                                   | —                    | Hydrocarbon gas                                             |
| —                                 | 11,635                                                 | —                         | 208                     | —                                   | —                    | Petroleum coke                                              |
| 14,807                            | 93,198                                                 | 12,916                    | 2,666,612               | 4,292                               | 69,302               | <b>Non-oil based fuels<br/>(Crude petroleum equivalent)</b> |
| 22,112                            | 93,078                                                 | —                         | 1,817,955               | —                                   | —                    | Coal                                                        |
| —                                 | 18,106                                                 | —                         | 990,116                 | 2,851                               | 2,282                | Coal coke                                                   |
| —                                 | 12,144                                                 | —                         | 371,902                 | —                                   | —                    | Coke oven gas                                               |
| —                                 | —                                                      | —                         | 2,430,793               | —                                   | —                    | Blast furnace gas                                           |
| —                                 | —                                                      | 3,608                     | 19,487                  | —                                   | 1,621                | LNG                                                         |
| 35                                | 1,224                                                  | 7,368                     | 42,576                  | 1,340                               | 58,298               | Town gas(B)                                                 |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Black liquor                                                |
| 434,553                           | 274,134                                                | 58,004                    | 1,670,358               | 145,139                             | 753,598              | <b>Electricity</b>                                          |
| 113,463                           | 187,498                                                | 51,059                    | 1,194,242               | 102,266                             | 662,153              | among those purchased                                       |
| 3,038,268                         | 291,100                                                | 9,670                     | 2,434,491               | 4,468                               | —                    | <b>Steam</b>                                                |
| 378,296                           | 2,742                                                  | —                         | 49,815                  | 2,081                               | —                    | among those accepted                                        |
| 260,765                           | 52,945                                                 | 7,209                     | 864,201                 | 12,774                              | 172,118              | <b>Total<br/>(Crude petroleum equivalent)</b>               |
| 248,269                           | 34,168                                                 | 2,588                     | 47,318                  | 6,733                               | 26,454               | <b>Oil based fuels<br/>(Crude petroleum equivalent)</b>     |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Crude petroleum                                             |
| 1                                 | 3                                                      | —                         | —                       | —                                   | 2,677                | Gasoline                                                    |
| 3,162                             | —                                                      | —                         | —                       | —                                   | —                    | Naphtha                                                     |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Oil produced by conversion                                  |
| 1                                 | 1,681                                                  | 120                       | 3,494                   | 171                                 | 2,581                | Kerosene                                                    |
| 193                               | 26                                                     | —                         | 2,343                   | 86                                  | 740                  | Gas oil                                                     |
| 1,453                             | 319                                                    | 750                       | 4,098                   | 1,657                               | 13,252               | Heavy Fuel oil A                                            |
| 54,103                            | 17,438                                                 | 1,523                     | 5,988                   | 1,358                               | 672                  | Heavy Fuel oil B・C                                          |
| 56,933                            | 3,480                                                  | —                         | —                       | 2,977                               | —                    | Hydrocarbon oil                                             |
| 4,616                             | —                                                      | 52                        | 6,232                   | 91                                  | 5,162                | Liquefied petroleum gas                                     |
| 101,353                           | —                                                      | —                         | —                       | —                                   | —                    | Hydrocarbon gas                                             |
| —                                 | 12,394                                                 | —                         | 29,662                  | —                                   | —                    | Petroleum coke                                              |
| 9,994                             | 14,832                                                 | 3,326                     | 767,007                 | 2,142                               | 80,218               | <b>Non-oil based fuels<br/>(Crude petroleum equivalent)</b> |
| 15,049                            | 12,519                                                 | —                         | 499,337                 | —                                   | —                    | Coal                                                        |
| —                                 | 3,395                                                  | —                         | 275,878                 | 804                                 | 1,101                | Coal coke                                                   |
| —                                 | 4,856                                                  | —                         | 94,499                  | —                                   | —                    | Coke oven gas                                               |
| —                                 | —                                                      | —                         | 942,431                 | —                                   | —                    | Blast furnace gas                                           |
| —                                 | —                                                      | 2,358                     | 2,150                   | —                                   | 484                  | LNG                                                         |
| —                                 | 563                                                    | —                         | 25,702                  | 1,442                               | 73,970               | Town gas(B)                                                 |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Black liquor                                                |
| 190,575                           | 64,752                                                 | 13,548                    | 743,534                 | 41,915                              | 841,597              | <b>Electricity</b>                                          |
| 8,235                             | 42,345                                                 | 13,523                    | 533,481                 | 28,227                              | 703,537              | among those purchased                                       |
| 1,889,639                         | 65,994                                                 | 2,373                     | 600,038                 | —                                   | —                    | <b>Steam</b>                                                |
| 25,109                            | 109                                                    | 526                       | 3,473                   | —                                   | —                    | among those accepted                                        |

(January,2008)

5) 近畿経済産業局管内 Kinki Bureau of Economy, Trade and Industry

| 種 別           | 単 位                | 合 計       | 重複事業所分<br>補 正 量        | パルプ・紙・板紙<br>工 業         | 化 学 工 業           | 化学繊維工業          |
|---------------|--------------------|-----------|------------------------|-------------------------|-------------------|-----------------|
|               | Unit               | Total     | Duplication adjustment | Pulp, Paper, Paperboard | Chemical industry | Chemical fibers |
| 合 計（原油換算）     | kl                 | 2,557,526 | 40,391                 | 59,756                  | 883,159           | 70,297          |
| 石油系燃料（原油換算）   | 〃                  | 803,149   | 247                    | 1,838                   | 557,360           | 7,239           |
| 原 油           | 〃                  | —         | —                      | —                       | —                 | —               |
| ガ ソ リ ン       | 〃                  | 599       | 4                      | 9                       | 5                 | 2               |
| ナ フ サ         | 〃                  | 183,976   | —                      | —                       | 183,976           | —               |
| 改 質 生 成 油     | 〃                  | 271,809   | —                      | —                       | 271,809           | —               |
| 灯 油           | 〃                  | 4,677     | 66                     | 24                      | 192               | 15              |
| 軽 油           | 〃                  | 947       | 122                    | 13                      | 35                | 16              |
| A 重 油         | 〃                  | 16,159    | 54                     | 395                     | —                 | 3,168           |
| B ・ C 重 油     | 〃                  | 98,511    | 4                      | 778                     | 66,554            | 3,385           |
| 炭 化 水 素 油     | 〃                  | 40,972    | —                      | 494                     | 10,425            | —               |
| 液 化 石 油 ガ ス   | t                  | 52,844    | 2                      | 14                      | 30,953            | 261             |
| 石油系炭化水素ガス     | 1000m <sup>3</sup> | 130,566   | —                      | —                       | 21,754            | —               |
| オイルコークス       | t                  | 3,631     | —                      | —                       | 2,160             | —               |
| 非石油系燃料（原油換算）  | kl                 | 1,580,827 | 28,019                 | 48,654                  | 292,945           | 50,557          |
| 石 炭           | t                  | 1,057,833 | 18,226                 | 6,658                   | 323,932           | 51,156          |
| 石 炭 コ ー ク ス   | 〃                  | 422,117   | —                      | —                       | —                 | —               |
| コ ー ク ス 炉 ガ ス | 1000m <sup>3</sup> | 158,782   | —                      | —                       | 18,197            | —               |
| 高 炉 ガ ス       | 〃                  | 1,353,562 | —                      | —                       | 97,512            | —               |
| 液 化 天 然 ガ ス   | t                  | 48,183    | 2,529                  | —                       | 30,637            | 162             |
| 都 市 ガ ス（B）    | 1000m <sup>3</sup> | 170,177   | 11,627                 | 28,124                  | 15,150            | 15,403          |
| 回 収 黒 液       | 絶乾t                | 31,504    | —                      | 31,504                  | —                 | —               |
| 電 力           | 1000kWh            | 2,451,228 | 170,771                | 185,924                 | 277,868           | 233,921         |
| う ち 購 入 分     | 〃                  | 1,560,780 | 130,357                | 99,591                  | 224,022           | 103,091         |
| 蒸 気           | t                  | 6,102,198 | 226,567                | 566,185                 | 1,090,465         | 812,475         |
| う ち 受 入 分     | 〃                  | 410,204   | —                      | —                       | 173,833           | 42,072          |

6) 中国経済産業局管内 Chugoku Bureau of Economy, Trade and Industry

|               |                    |            |           |           |           |         |
|---------------|--------------------|------------|-----------|-----------|-----------|---------|
| 合 計（原油換算）     | kl                 | 4,748,784  | 312,592   | 127,062   | 1,822,269 | 67,073  |
| 石油系燃料（原油換算）   | 〃                  | 1,876,613  | 41,425    | 38,345    | 1,437,444 | 31,554  |
| 原 油           | 〃                  | —          | —         | —         | —         | —       |
| ガ ソ リ ン       | 〃                  | 257        | 216       | —         | 2         | 2       |
| ナ フ サ         | 〃                  | 752,375    | —         | —         | 739,409   | —       |
| 改 質 生 成 油     | 〃                  | 367,243    | —         | —         | 367,243   | —       |
| 灯 油           | 〃                  | 58,770     | 1,295     | 276       | 55,304    | 118     |
| 軽 油           | 〃                  | 716        | 95        | 12        | 5         | 1       |
| A 重 油         | 〃                  | 19,233     | 1,136     | 770       | 1,212     | 2,003   |
| B ・ C 重 油     | 〃                  | 206,435    | 26,448    | 31,106    | 65,390    | 12,167  |
| 炭 化 水 素 油     | 〃                  | 44,099     | —         | —         | 40,903    | —       |
| 液 化 石 油 ガ ス   | t                  | 74,066     | 1,329     | —         | 52,413    | 16      |
| 石油系炭化水素ガス     | 1000m <sup>3</sup> | 309,038    | —         | —         | 160,644   | —       |
| オイルコークス       | t                  | 112,860    | 10,852    | 4,678     | 49,773    | 20,997  |
| 非石油系燃料（原油換算）  | kl                 | 2,646,020  | 263,642   | 85,046    | 295,333   | 32,858  |
| 石 炭           | t                  | 1,935,653  | 386,942   | 4,012     | 418,401   | 45,657  |
| 石 炭 コ ー ク ス   | 〃                  | 965,710    | 5,561     | —         | 4,449     | —       |
| コ ー ク ス 炉 ガ ス | 1000m <sup>3</sup> | 239,264    | —         | —         | 6,391     | —       |
| 高 炉 ガ ス       | 〃                  | 2,174,665  | —         | —         | 1,736     | —       |
| 液 化 天 然 ガ ス   | t                  | 8,976      | 1,549     | 398       | 5,827     | 446     |
| 都 市 ガ ス（B）    | 1000m <sup>3</sup> | 26,095     | —         | 1,523     | —         | 1,797   |
| 回 収 黒 液       | 絶乾t                | 231,078    | —         | 231,078   | —         | —       |
| 電 力           | 1000kWh            | 3,399,309  | 745,784   | 253,182   | 1,176,260 | 105,115 |
| う ち 購 入 分     | 〃                  | 1,752,698  | 66,264    | 39,476    | 366,818   | 16,113  |
| 蒸 気           | t                  | 11,094,062 | 2,825,206 | 1,674,152 | 5,379,026 | 731,298 |
| う ち 受 入 分     | 〃                  | 912,987    | 19,675    | —         | 801,030   | 16,817  |

（平成20年1月分）

| 石 油 製 品 工 業<br>Petroleum products | 窯業・土石製品<br>工 業<br>Ceramics, clay and<br>stone products | ガラス製品工業<br>Glass products | 鉄 鋼 業<br>Iron and steel | 非鉄金属地金<br>工 業<br>Non-ferrous metals | 機 械 工 業<br>Machinery | Kind of energy                                                    |
|-----------------------------------|--------------------------------------------------------|---------------------------|-------------------------|-------------------------------------|----------------------|-------------------------------------------------------------------|
| 177,235                           | 69,237                                                 | 34,740                    | 1,207,413               | 12,186                              | 83,900               | <b>Total</b><br><b>(Crude petroleum equivalent)</b>               |
| 169,220                           | 18,724                                                 | 15,476                    | 21,794                  | 3,813                               | 7,929                | <b>Oil based fuels</b><br><b>(Crude petroleum equivalent)</b>     |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Crude petroleum                                                   |
| 8                                 | 6                                                      | —                         | 3                       | —                                   | 570                  | Gasoline                                                          |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Naphtha                                                           |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Oil produced by conversion                                        |
| 1,783                             | 234                                                    | 3                         | 553                     | 366                                 | 1,573                | Kerosene                                                          |
| 1                                 | 18                                                     | —                         | 368                     | 54                                  | 564                  | Gas oil                                                           |
| 163                               | 1,031                                                  | 2,685                     | 3,341                   | 2,423                               | 3,007                | Heavy Fuel oil A                                                  |
| 7,301                             | 7,111                                                  | 5,677                     | 7,150                   | 552                                 | 7                    | Heavy Fuel oil B・C                                                |
| 21,984                            | 7,771                                                  | —                         | —                       | 298                                 | —                    | Hydrocarbon oil                                                   |
| 7,165                             | 144                                                    | 5,038                     | 7,460                   | 35                                  | 1,776                | Liquefied petroleum gas                                           |
| 108,812                           | —                                                      | —                         | —                       | —                                   | —                    | Hydrocarbon gas                                                   |
| —                                 | 1,471                                                  | —                         | —                       | —                                   | —                    | Petroleum coke                                                    |
| 6,001                             | 47,913                                                 | 11,709                    | 1,101,821               | 6,793                               | 42,456               | <b>Non-oil based fuels</b><br><b>(Crude petroleum equivalent)</b> |
| —                                 | 63,834                                                 | —                         | 630,479                 | —                                   | —                    | Coal                                                              |
| —                                 | 3,020                                                  | —                         | 411,087                 | 7,125                               | 885                  | Coal coke                                                         |
| —                                 | 1,879                                                  | —                         | 138,706                 | —                                   | —                    | Coke oven gas                                                     |
| —                                 | 7,884                                                  | —                         | 1,248,166               | —                                   | —                    | Blast furnace gas                                                 |
| 4,253                             | —                                                      | 1,030                     | 11,931                  | —                                   | 2,699                | LNG                                                               |
| —                                 | 847                                                    | 9,659                     | 75,565                  | 1,299                               | 35,757               | Town gas(B)                                                       |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Black liquor                                                      |
| 116,314                           | 80,565                                                 | 82,644                    | 1,213,242               | 16,177                              | 415,344              | <b>Electricity</b>                                                |
| 21,540                            | 27,932                                                 | 81,225                    | 757,367                 | 16,073                              | 360,296              | among those purchased                                             |
| 1,070,824                         | 359,535                                                | 15,097                    | 2,411,307               | 2,877                               | —                    | <b>Steam</b>                                                      |
| 155                               | —                                                      | —                         | 193,076                 | 1,068                               | —                    | among those accepted                                              |
| 310,631                           | 327,352                                                | 656                       | 2,325,946               | 11,715                              | 68,672               | <b>Total</b><br><b>(Crude petroleum equivalent)</b>               |
| 303,573                           | 45,166                                                 | —                         | 49,465                  | 3,296                               | 9,196                | <b>Oil based fuels</b><br><b>(Crude petroleum equivalent)</b>     |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Crude petroleum                                                   |
| 2                                 | —                                                      | —                         | 214                     | —                                   | 253                  | Gasoline                                                          |
| 12,966                            | —                                                      | —                         | —                       | —                                   | —                    | Naphtha                                                           |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Oil produced by conversion                                        |
| 5                                 | 1,467                                                  | —                         | 1,720                   | 417                                 | 758                  | Kerosene                                                          |
| 1                                 | 53                                                     | —                         | 506                     | 27                                  | 206                  | Gas oil                                                           |
| 52                                | 792                                                    | —                         | 11,151                  | 1,176                               | 3,213                | Heavy Fuel oil A                                                  |
| 71,426                            | 27,301                                                 | —                         | 22,579                  | 1,325                               | 1,589                | Heavy Fuel oil B・C                                                |
| —                                 | 205                                                    | —                         | 2,988                   | —                                   | 3                    | Hydrocarbon oil                                                   |
| 14,063                            | 1,152                                                  | —                         | 5,400                   | 4                                   | 2,347                | Liquefied petroleum gas                                           |
| 148,394                           | —                                                      | —                         | —                       | —                                   | —                    | Hydrocarbon gas                                                   |
| 31,449                            | 15,054                                                 | —                         | 1,442                   | 319                                 | —                    | Petroleum coke                                                    |
| 1                                 | 272,948                                                | —                         | 2,181,983               | 1,839                               | 39,655               | <b>Non-oil based fuels</b><br><b>(Crude petroleum equivalent)</b> |
| —                                 | 385,291                                                | —                         | 1,447,181               | —                                   | 22,053               | Coal                                                              |
| —                                 | 11,722                                                 | —                         | 951,674                 | 2,314                               | 1,112                | Coal coke                                                         |
| —                                 | 6,461                                                  | —                         | 226,412                 | —                                   | —                    | Coke oven gas                                                     |
| —                                 | 515                                                    | —                         | 2,172,414               | —                                   | —                    | Blast furnace gas                                                 |
| —                                 | —                                                      | —                         | 1,693                   | —                                   | 2,161                | LNG                                                               |
| 1                                 | —                                                      | —                         | 5,099                   | 77                                  | 17,598               | Town gas(B)                                                       |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Black liquor                                                      |
| 191,328                           | 713,376                                                | 6,509                     | 1,316,818               | 72,013                              | 310,492              | <b>Electricity</b>                                                |
| 28,912                            | 94,375                                                 | 6,509                     | 984,922                 | 68,772                              | 213,065              | among those purchased                                             |
| 1,726,802                         | 2,556,522                                              | 741                       | 1,815,519               | 35,208                              | —                    | <b>Steam</b>                                                      |
| 63,196                            | 6,623                                                  | 741                       | 41,640                  | 2,615                               | —                    | among those accepted                                              |

(January,2008)

7) 四国経済産業局管内 Shikoku Bureau of Economy, Trade and Industry

| 種 別           | 単 位                | 合 計       | 重複事業所分<br>補 正 量        | パルプ・紙・板紙<br>工 業         | 化 学 工 業           | 化 学 繊 維 工 業     |
|---------------|--------------------|-----------|------------------------|-------------------------|-------------------|-----------------|
|               | Unit               | Total     | Duplication adjustment | Pulp, Paper, Paperboard | Chemical industry | Chemical fibers |
| 合 計（原油換算）     | kl                 | 972,803   | 28,480                 | 194,039                 | 609,815           | 47,335          |
| 石油系燃料（原油換算）   | 〃                  | 336,543   | 18,995                 | 28,865                  | 220,597           | 30,042          |
| 原 油           | 〃                  | —         | —                      | —                       | —                 | —               |
| ガ ソ リ ン       | 〃                  | 6         | 2                      | 3                       | —                 | —               |
| ナ フ サ         | 〃                  | 7,392     | —                      | —                       | 7,392             | —               |
| 改 質 生 成 油     | 〃                  | 159,753   | —                      | —                       | 159,753           | —               |
| 灯 油           | 〃                  | 3,365     | 15                     | 62                      | 513               | 1,066           |
| 軽 油           | 〃                  | 190       | 10                     | 167                     | —                 | —               |
| A 重 油         | 〃                  | 6,738     | 28                     | 4,627                   | 110               | 28              |
| B ・ C 重 油     | 〃                  | 73,099    | 17,481                 | 20,937                  | 26,311            | 21,756          |
| 炭 化 水 素 油     | 〃                  | 3,105     | —                      | —                       | 1,309             | —               |
| 液 化 石 油 ガ ス   | t                  | 15,624    | 10                     | 990                     | 7,756             | —               |
| 石油系炭化水素ガス     | 1000m <sup>3</sup> | 50,781    | —                      | —                       | 20,362            | —               |
| オイルコークス       | t                  | 16,973    | —                      | —                       | 6,445             | 7,050           |
| 非石油系燃料（原油換算）  | kl                 | 561,287   | 8,227                  | 147,594                 | 355,557           | 14,558          |
| 石 炭           | t                  | 666,373   | 12,388                 | 148,220                 | 440,855           | 21,922          |
| 石 炭 コ ー ク ス   | 〃                  | 12,245    | —                      | —                       | 5,905             | —               |
| コ ー ク ス 炉 ガ ス | 1000m <sup>3</sup> | 58,157    | —                      | —                       | 58,157            | —               |
| 高 炉 ガ ス       | 〃                  | —         | —                      | —                       | —                 | —               |
| 液 化 天 然 ガ ス   | t                  | —         | —                      | —                       | —                 | —               |
| 都 市 ガ ス（B）    | 1000m <sup>3</sup> | 742       | —                      | 742                     | —                 | —               |
| 回 収 黒 液       | 絶乾t                | 138,833   | —                      | 138,833                 | —                 | —               |
| 電 力           | 1000kWh            | 1,111,559 | 41,461                 | 527,244                 | 245,794           | 73,664          |
| う ち 購 入 分     | 〃                  | 593,743   | 13,538                 | 156,734                 | 202,652           | 29,401          |
| 蒸 気           | t                  | 4,445,467 | 269,104                | 2,910,107               | 665,347           | 435,968         |
| う ち 受 入 分     | 〃                  | 285,620   | —                      | 43,371                  | 214,281           | —               |

8) 九州経済産業局管内（含沖縄） Kyushu (Okinawa) Bureau of Economy, Trade and Industry

|               |                    |           |        |           |         |        |
|---------------|--------------------|-----------|--------|-----------|---------|--------|
| 合 計（原油換算）     | kl                 | 2,393,271 | 1,584  | 80,098    | 763,627 | 8,059  |
| 石油系燃料（原油換算）   | 〃                  | 632,281   | 646    | 7,860     | 489,389 | 205    |
| 原 油           | 〃                  | 35,055    | —      | —         | 35,055  | —      |
| ガ ソ リ ン       | 〃                  | 858       | —      | —         | —       | —      |
| ナ フ サ         | 〃                  | 286,398   | —      | —         | 286,398 | —      |
| 改 質 生 成 油     | 〃                  | 144,999   | —      | —         | 144,999 | —      |
| 灯 油           | 〃                  | 5,857     | 360    | 299       | 851     | —      |
| 軽 油           | 〃                  | 649       | 6      | 1         | 21      | —      |
| A 重 油         | 〃                  | 6,623     | 289    | 98        | 2,050   | —      |
| B ・ C 重 油     | 〃                  | 51,768    | —      | 6,905     | 5,562   | 189    |
| 炭 化 水 素 油     | 〃                  | 9,528     | —      | —         | 8,225   | —      |
| 液 化 石 油 ガ ス   | t                  | 9,415     | 5      | —         | 591     | —      |
| 石油系炭化水素ガス     | 1000m <sup>3</sup> | 72,252    | —      | —         | 50,349  | —      |
| オイルコークス       | t                  | 56,582    | —      | —         | —       | —      |
| 非石油系燃料（原油換算）  | kl                 | 1,604,227 | 1      | 69,953    | 230,868 | —      |
| 石 炭           | t                  | 1,340,143 | —      | 40,463    | 313,889 | —      |
| 石 炭 コ ー ク ス   | 〃                  | 477,337   | —      | —         | —       | —      |
| コ ー ク ス 炉 ガ ス | 1000m <sup>3</sup> | 159,748   | —      | —         | 33,425  | —      |
| 高 炉 ガ ス       | 〃                  | 921,011   | —      | —         | —       | —      |
| 液 化 天 然 ガ ス   | t                  | 26,004    | —      | —         | 1,909   | —      |
| 都 市 ガ ス（B）    | 1000m <sup>3</sup> | 12,808    | 1      | 339       | 1,414   | —      |
| 回 収 黒 液       | 絶乾t                | 104,325   | —      | 104,325   | —       | —      |
| 電 力           | 1000kWh            | 1,742,095 | 10,270 | 172,231   | 202,939 | 19,928 |
| う ち 購 入 分     | 〃                  | 1,285,724 | 10,071 | 24,576    | 139,768 | 19,928 |
| 蒸 気           | t                  | 3,594,304 | —      | 1,102,748 | 945,012 | 86,800 |
| う ち 受 入 分     | 〃                  | 507,190   | —      | —         | 408,912 | 86,800 |

（平成20年1月分）

| 石 油 製 品 工 業<br>Petroleum products | 窯業・土石製品<br>工 業<br>Ceramics, clay and<br>stone products | ガラス製品工業<br>Glass products | 鉄 鋼 業<br>Iron and steel | 非鉄金属地金<br>工 業<br>Non-ferrous metals | 機 械 工 業<br>Machinery | Kind of energy                                                    |
|-----------------------------------|--------------------------------------------------------|---------------------------|-------------------------|-------------------------------------|----------------------|-------------------------------------------------------------------|
| 60,886                            | 52,426                                                 | —                         | 13,001                  | 16,073                              | 7,709                | <b>Total</b><br><b>(Crude petroleum equivalent)</b>               |
| 59,510                            | 5,886                                                  | —                         | 3,162                   | 5,393                               | 2,084                | <b>Oil based fuels</b><br><b>(Crude petroleum equivalent)</b>     |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Crude petroleum                                                   |
| —                                 | 2                                                      | —                         | —                       | —                                   | 3                    | Gasoline                                                          |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Naphtha                                                           |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Oil produced by conversion                                        |
| —                                 | 241                                                    | —                         | 127                     | 610                                 | 761                  | Kerosene                                                          |
| —                                 | 17                                                     | —                         | 1                       | 5                                   | 10                   | Gas oil                                                           |
| —                                 | 503                                                    | —                         | 76                      | 520                                 | 902                  | Heavy Fuel oil A                                                  |
| 17,293                            | 1,418                                                  | —                         | 36                      | 2,829                               | —                    | Heavy Fuel oil B・C                                                |
| —                                 | 1,142                                                  | —                         | —                       | 654                                 | —                    | Hydrocarbon oil                                                   |
| 4,186                             | —                                                      | —                         | 2,228                   | 140                                 | 334                  | Liquefied petroleum gas                                           |
| 30,419                            | —                                                      | —                         | —                       | —                                   | —                    | Hydrocarbon gas                                                   |
| —                                 | 3,053                                                  | —                         | —                       | 425                                 | —                    | Petroleum coke                                                    |
| —                                 | 45,263                                                 | —                         | 4,987                   | 1,550                               | 5                    | <b>Non-oil based fuels</b><br><b>(Crude petroleum equivalent)</b> |
| —                                 | 65,631                                                 | —                         | —                       | 2,126                               | 7                    | Coal                                                              |
| —                                 | 1,315                                                  | —                         | 4,843                   | 182                                 | —                    | Coal coke                                                         |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Coke oven gas                                                     |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Blast furnace gas                                                 |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | LNG                                                               |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Town gas(B)                                                       |
| —                                 | —                                                      | —                         | —                       | —                                   | —                    | Black liquor                                                      |
| 35,916                            | 63,976                                                 | —                         | 55,113                  | 90,475                              | 60,838               | <b>Electricity</b>                                                |
| 14,788                            | 13,733                                                 | —                         | 52,160                  | 77,383                              | 60,430               | among those purchased                                             |
| 221,942                           | 383,051                                                | —                         | 25,887                  | 72,269                              | —                    | <b>Steam</b>                                                      |
| 9                                 | —                                                      | —                         | —                       | 27,959                              | —                    | among those accepted                                              |

|         |         |       |           |        |         |                                                                   |
|---------|---------|-------|-----------|--------|---------|-------------------------------------------------------------------|
| 45,507  | 152,984 | 1,095 | 1,289,059 | 8,167  | 46,263  | <b>Total</b><br><b>(Crude petroleum equivalent)</b>               |
| 44,825  | 23,239  | 659   | 55,004    | 4,984  | 6,767   | <b>Oil based fuels</b><br><b>(Crude petroleum equivalent)</b>     |
| —       | —       | —     | —         | —      | —       | Crude petroleum                                                   |
| 1       | 3       | —     | —         | —      | 854     | Gasoline                                                          |
| —       | —       | —     | —         | —      | —       | Naphtha                                                           |
| —       | —       | —     | —         | —      | —       | Oil produced by conversion                                        |
| 701     | 152     | 3     | 888       | 822    | 2,501   | Kerosene                                                          |
| 1       | 24      | —     | 558       | —      | 50      | Gas oil                                                           |
| 105     | 516     | 42    | 2,134     | 262    | 1,705   | Heavy Fuel oil A                                                  |
| 14,890  | 3,639   | 565   | 17,256    | 2,762  | —       | Heavy Fuel oil B・C                                                |
| —       | 1,028   | —     | —         | 275    | —       | Hydrocarbon oil                                                   |
| 1,919   | 1,225   | 1     | 3,771     | 498    | 1,415   | Liquefied petroleum gas                                           |
| 21,903  | —       | —     | —         | —      | —       | Hydrocarbon gas                                                   |
| —       | 20,561  | —     | 36,021    | —      | —       | Petroleum coke                                                    |
| —       | 119,363 | 110   | 1,170,746 | 15     | 13,171  | <b>Non-oil based fuels</b><br><b>(Crude petroleum equivalent)</b> |
| —       | 171,900 | —     | 813,891   | —      | —       | Coal                                                              |
| —       | 198     | —     | 477,120   | 19     | —       | Coal coke                                                         |
| —       | 4,168   | —     | 122,155   | —      | —       | Coke oven gas                                                     |
| —       | —       | —     | 921,011   | —      | —       | Blast furnace gas                                                 |
| —       | —       | 78    | 22,623    | —      | 1,394   | LNG                                                               |
| —       | —       | —     | 520       | —      | 10,536  | Town gas(B)                                                       |
| —       | —       | —     | —         | —      | —       | Black liquor                                                      |
| 31,365  | 186,340 | 3,497 | 795,966   | 44,505 | 295,594 | <b>Electricity</b>                                                |
| 7,324   | 108,869 | 3,497 | 674,772   | 34,040 | 283,021 | among those purchased                                             |
| 433,025 | 275,367 | —     | 694,285   | 57,067 | —       | <b>Steam</b>                                                      |
| —       | 3,678   | —     | 7,786     | 14     | —       | among those accepted                                              |

(January,2008)