

### Electricity Demand in July 2007(Confirmed Report)

#### [Demand Overview (Total Across the 10 Power Companies)]

Total demand in July was down 1.0% on last year to 74.50 billion kWh across the 10 companies.

- **Lighting Demand (down 5.2%, 20.08 billion kWh)**
- **Commercial Demand (up 0.6%, 18.10 billion kWh)**

Lighting demand posted a decline of 5.2% due to decreased demand for cooling caused by lower temperatures in July, and a shorter meter-reading period. Commercial demand, on the other hand, posted an increase of 0.6%.

#### (Reference)

- **Large Industrial Demand (up 3.0%, 25.84 billion kWh)**

Large industrial user demand in July was up for the twenty-fourth consecutive month, increasing by 3.0%. The rise resulted from firm performance in all sectors including non-ferrous metals.

#### [Demand Change by Month & Use]

| By Month<br>By Use                 |                               | Year-on-Year Change (%) |           |      |      |       |      |      |           |      |      |      |      |      |      |
|------------------------------------|-------------------------------|-------------------------|-----------|------|------|-------|------|------|-----------|------|------|------|------|------|------|
|                                    |                               | FY 2006                 | Jul. 2006 | Aug. | Sep. | Oct.  | Nov. | Dec. | Jan. 2007 | Feb. | Mar. | Apr. | May  | Jun. | Jul. |
| Other than Eligible Customers' Use | Lighting Total                | -1.1                    | -1.3      | 1.0  | 0.5  | -7.7  | 5.1  | -1.9 | -7.6      | -3.6 | -3.3 | -4.6 | 2.0  | 3.2  | -5.2 |
|                                    | Power                         | -6.4                    | -7.2      | -4.1 | -4.0 | -13.4 | 2.6  | -7.3 | -14.9     | -9.9 | -7.7 | -8.3 | -1.0 | 1.0  | -7.9 |
|                                    | Lighting & Power Total        | -1.9                    | -2.4      | 0.0  | -0.3 | -8.7  | 4.7  | -2.6 | -8.7      | -4.5 | -3.9 | -5.2 | 1.6  | 2.8  | -5.7 |
| Eligible Customers' Use            | Commercial Power              | 0.6                     | 0.4       | 0.8  | 0.8  | -0.7  | 3.2  | 0.6  | -2.6      | -1.8 | -0.1 | 2.2  | 3.4  | 3.1  | 0.6  |
|                                    | Industrial Power              | 3.5                     | 3.3       | 4.2  | 2.3  | 3.8   | 5.1  | 3.6  | 2.7       | 2.8  | 4.1  | 3.2  | 3.9  | 3.0  | 1.9  |
|                                    | Eligible Customers' Use Total | 2.4                     | 2.2       | 2.8  | 1.7  | 2.2   | 4.5  | 2.6  | 0.7       | 1.1  | 2.7  | 2.8  | 3.7  | 3.0  | 1.5  |
| Total Electricity Sales            |                               | 0.8                     | 0.6       | 1.8  | 0.9  | -1.6  | 4.5  | 0.6  | -3.6      | -1.2 | 0.1  | -0.3 | 2.9  | 2.9  | -1.0 |

#### [Large Industry Demand Change by Month & Sector (reference)]

| By Month<br>By Sector |  | Year-on-Year Change (%) |           |      |      |      |      |      |           |      |      |      |      |      |      |
|-----------------------|--|-------------------------|-----------|------|------|------|------|------|-----------|------|------|------|------|------|------|
|                       |  | FY 2006                 | Jul. 2006 | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. 2007 | Feb. | Mar. | Apr. | May  | Jun. | Jul. |
| Textiles              |  | 3.5                     | 1.3       | 3.0  | 1.3  | 4.1  | 5.3  | 6.2  | 5.4       | 4.9  | 5.3  | 5.2  | 5.4  | 3.4  | 2.2  |
| Paper & Pulp          |  | 2.3                     | 2.9       | 3.6  | -0.1 | 1.3  | 1.0  | 1.2  | 1.2       | 4.1  | 1.7  | 0.8  | -1.9 | 5.4  | 1.8  |
| Chemicals             |  | 5.6                     | 6.9       | 7.8  | 4.2  | 5.5  | 6.0  | 4.1  | 3.3       | 4.6  | 7.6  | 9.6  | 5.6  | 3.5  | 4.6  |
| Ceramics              |  | 7.1                     | 5.9       | 7.8  | 5.2  | 5.4  | 5.7  | 6.1  | 7.3       | 8.0  | 8.6  | 5.9  | 3.0  | 4.6  | 2.3  |
| Steel                 |  | 7.5                     | 9.1       | 7.2  | 8.2  | 7.0  | 11.1 | 9.7  | 9.1       | 8.4  | 9.7  | 1.6  | 2.0  | 2.2  | 1.0  |
| Non-Ferrous Metals    |  | 7.3                     | 9.0       | 8.8  | 6.5  | 7.7  | 9.3  | 7.2  | 5.8       | 5.9  | 11.0 | 10.3 | 12.0 | 9.5  | 9.2  |
| Machinery             |  | 6.2                     | 5.4       | 7.8  | 2.9  | 8.0  | 8.4  | 7.2  | 6.0       | 6.6  | 6.6  | 5.2  | 7.6  | 5.2  | 3.3  |
| Large Industry Total  |  | 4.9                     | 4.7       | 5.6  | 3.1  | 5.5  | 6.7  | 5.4  | 4.5       | 5.0  | 6.1  | 4.6  | 5.1  | 4.1  | 3.0  |

#### [Demand Change by Co. & Use]

| By Company<br>By Use               |                        | Hokkaido | Tohoku | Tokyo | Chubu | Hokuriku | Kansai | Chugoku | Shikoku | Kyushu | 9-Co. Total | Okinawa | 10-Co. Total |
|------------------------------------|------------------------|----------|--------|-------|-------|----------|--------|---------|---------|--------|-------------|---------|--------------|
|                                    |                        |          |        |       |       |          |        |         |         |        |             |         |              |
| Other than Eligible Customers' Use | Lighting               | -0.8     | -4.8   | -8.0  | -6.1  | 1.6      | -7.2   | -4.2    | -1.0    | 2.9    | -5.2        | -3.9    | -5.2         |
|                                    | Power                  | -0.2     | -9.6   | -10.4 | -10.7 | -7.6     | -11.5  | -10.5   | -3.0    | -1.1   | -8.6        | 0.8     | -7.9         |
|                                    | Lighting & Power Total | -0.7     | -5.6   | -8.4  | -7.0  | -0.2     | -7.8   | -5.2    | -1.4    | 2.1    | -5.8        | -1.4    | -5.7         |
| Eligible Customers' Use            | Commercial Power       | 8.2      | 3.6    | 0.7   | 1.1   | -1.0     | -2.5   | 0.6     | -1.4    | 1.3    | 0.6         | -0.9    | 0.6          |
|                                    | Industrial Power       | 3.8      | 4.3    | 0.8   | 3.0   | 2.7      | -1.3   | 3.5     | 1.9     | 5.2    | 1.9         | 1.5     | 1.9          |
|                                    | Small Total            | 5.9      | 4.1    | 0.8   | 2.5   | 1.7      | -1.8   | 2.7     | 0.6     | 3.6    | 1.5         | 0.2     | 1.5          |
| Total Electricity Sales            |                        | 3.2      | 1.0    | -2.3  | -0.3  | 1.2      | -3.9   | 0.2     | -0.1    | 3.0    | -1.0        | -1.2    | -1.0         |
| (Large Industry)                   |                        | 4.4      | 6.1    | 1.4   | 4.3   | 4.2      | -1.0   | 4.8     | 3.8     | 7.0    | 3.0         | -0.3    | 3.0          |

**[Lighting & Power Demand Volume & Change by Co. & Use]**

**1) Sales Volume & Change**

| By Company<br>By Use                |                         | Hokkaido  | Tohoku    | Tokyo      | Chubu      | Hokuriku  | Kansai     | Chugoku   | Shikoku   | Kyushu    | 9-Co. Total | Okinawa | 10-Co. Total |
|-------------------------------------|-------------------------|-----------|-----------|------------|------------|-----------|------------|-----------|-----------|-----------|-------------|---------|--------------|
| Vol. of Electricity Used (1,000kWh) | Lighting                | 800,453   | 1,591,329 | 6,560,831  | 2,527,554  | 512,895   | 3,555,932  | 1,284,576 | 701,896   | 2,254,659 | 19,790,125  | 286,212 | 20,076,337   |
|                                     | <Residential Lighting>  | 550,191   | 1,125,951 | 4,719,979  | 1,673,858  | 295,065   | 2,530,198  | 855,326   | 509,630   | 1,559,467 | 13,819,665  | 264,272 | 14,083,937   |
|                                     | Power                   | 127,806   | 309,539   | 1,040,935  | 575,177    | 111,820   | 607,248    | 229,002   | 172,626   | 563,218   | 3,737,371   | 332,310 | 4,069,681    |
|                                     | <Low Voltage>           | 109,333   | 242,696   | 875,464    | 451,549    | 90,947    | 539,990    | 182,632   | 127,752   | 490,639   | 3,111,002   | 63,419  | 3,174,421    |
|                                     | Lighting & Power Total  | 928,259   | 1,900,868 | 7,601,766  | 3,102,731  | 624,715   | 4,163,180  | 1,513,578 | 874,522   | 2,817,877 | 23,527,496  | 618,522 | 24,146,018   |
|                                     | Eligible Customers' Use | 1,492,488 | 4,549,307 | 16,311,981 | 8,177,999  | 1,722,856 | 8,275,308  | 3,555,687 | 1,558,878 | 4,603,661 | 50,248,165  | 114,653 | 50,362,818   |
|                                     | <Commercial Power>      | 708,003   | 1,398,236 | 6,837,140  | 2,078,794  | 469,669   | 3,151,758  | 947,476   | 627,671   | 1,817,507 | 18,036,254  | 59,916  | 18,096,170   |
|                                     | <Industrial Power>      | 784,485   | 3,151,071 | 9,474,841  | 6,099,205  | 1,253,187 | 5,123,550  | 2,608,211 | 931,207   | 2,786,154 | 32,211,911  | 54,737  | 32,266,648   |
|                                     | Total Electricity Sales | 2,420,747 | 6,450,175 | 23,913,748 | 11,280,730 | 2,347,571 | 12,438,488 | 5,069,265 | 2,433,400 | 7,421,538 | 73,775,662  | 733,175 | 74,508,837   |
| Year-on-Year Change (%)             | Lighting                | 99.2      | 95.2      | 92.0       | 93.9       | 101.6     | 92.8       | 95.8      | 99.0      | 102.9     | 94.8        | 96.1    | 94.8         |
|                                     | Power                   | 99.8      | 90.4      | 89.6       | 89.3       | 92.4      | 88.5       | 89.5      | 97.0      | 98.9      | 91.4        | 100.8   | 92.1         |
|                                     | <Low Voltage>           | 100.0     | 90.3      | 88.9       | 88.8       | 92.2      | 88.1       | 88.9      | 96.5      | 98.3      | 90.9        | 94.1    | 91.0         |
|                                     | Lighting & Power Total  | 99.3      | 94.4      | 91.6       | 93.0       | 99.8      | 92.2       | 94.8      | 98.6      | 102.1     | 94.2        | 98.6    | 94.3         |
|                                     | Eligible Customers' Use | 105.9     | 104.1     | 100.8      | 102.5      | 101.7     | 98.2       | 102.7     | 100.6     | 103.6     | 101.5       | 100.2   | 101.5        |
|                                     | <Commercial Power>      | 108.2     | 103.6     | 100.7      | 101.1      | 99.0      | 97.5       | 100.6     | 98.6      | 101.3     | 100.6       | 99.1    | 100.6        |
|                                     | <Industrial Power>      | 103.8     | 104.3     | 100.8      | 103.0      | 102.7     | 98.7       | 103.5     | 101.9     | 105.2     | 101.9       | 101.5   | 101.9        |
|                                     | Total Electricity Sales | 103.2     | 101.0     | 97.7       | 99.7       | 101.2     | 96.1       | 100.2     | 99.9      | 103.0     | 99.0        | 98.8    | 99.0         |

**2) Contracted Electricity Volume (1,000 kW) & No. of Contracts**

| By Company<br>By Use                      |                                           | Hokkaido  | Tohoku    | Tokyo      | Chubu      | Hokuriku  | Kansai     | Chugoku   | Shikoku   | Kyushu    | 9-Co. Total | Okinawa   | 10-Co. Total |
|-------------------------------------------|-------------------------------------------|-----------|-----------|------------|------------|-----------|------------|-----------|-----------|-----------|-------------|-----------|--------------|
| Contracted Electricity & No. of Contracts | Residential Lighting (No. of Contracts)   | 2,568,762 | 4,868,088 | 19,905,371 | 6,583,010  | 1,125,793 | 9,278,949  | 3,413,143 | 1,881,890 | 5,725,216 | 55,350,222  | 645,026   | 55,995,248   |
|                                           | Power Total (kW)                          | 1,784,886 | 5,457,629 | 16,424,069 | 9,092,253  | 1,857,981 | 8,644,727  | 3,568,728 | 2,614,942 | 6,971,553 | 56,416,768  | 1,416,431 | 57,833,199   |
|                                           | <Low Voltage(kW)>                         | 1,540,905 | 4,446,258 | 14,052,158 | 6,804,833  | 1,516,730 | 7,447,271  | 2,807,045 | 1,846,132 | 5,496,157 | 45,957,489  | 460,682   | 46,418,171   |
|                                           | Lighting & Power Total (No. of Contracts) | 3,783,378 | 7,644,896 | 28,282,352 | 10,415,905 | 2,079,921 | 13,399,001 | 5,229,263 | 2,863,808 | 8,415,775 | 82,114,299  | 811,903   | 82,926,202   |

## [Demand Volume and Change by Large Industry Sector]

### Sales Volume and Change

| By Sector \ By Company |                        |                              | By Company          |         |           |           |           |           |           |           |         |             |            |              |            |
|------------------------|------------------------|------------------------------|---------------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-------------|------------|--------------|------------|
|                        |                        |                              | Hokkaido            | Tohoku  | Tokyo     | Chubu     | Hokuriku  | Kansai    | Chugoku   | Shikoku   | Kyushu  | 9-Co. Total | Okinawa    | 10-Co. Total |            |
| Volume<br>(1,000kWh)   | Mining & Manufacturing | Mining                       |                     | 6,465   | 9,938     | 13,964    | 4,778     | 47        | 7,218     | 12,760    | 4,164   | 13,231      | 72,565     | 441          | 73,006     |
|                        |                        | Manufacturing                | Foodstuffs          | 91,368  | 142,033   | 506,648   | 248,642   | 22,396    | 238,289   | 92,729    | 45,984  | 200,344     | 1,588,433  | 8,162        | 1,596,595  |
|                        |                        |                              | Textiles            | 0       | 11,999    | 9,842     | 74,813    | 84,417    | 51,494    | 22,954    | 13,660  | 16,368      | 285,547    |              | 285,547    |
|                        |                        |                              | Paper & Pulp        | 94,655  | 116,156   | 233,878   | 138,839   | 28,652    | 68,949    | 50,714    | 133,705 | 27,280      | 892,828    | 571          | 893,399    |
|                        |                        |                              | Chemicals           | 29,825  | 170,293   | 877,599   | 309,888   | 129,636   | 423,646   | 320,381   | 133,288 | 205,973     | 2,600,529  | 1,327        | 2,601,856  |
|                        |                        |                              | Oil/Coal            | 2,141   | 8,099     | 34,337    | 4,547     | 5,064     | 18,438    | 21,399    | 24,910  | 4,491       | 123,426    | 1,501        | 124,927    |
|                        |                        |                              | Rubber Products     | 73      | 28,330    | 78,836    | 74,032    | 1,955     | 36,370    | 30,636    | 5,796   | 47,836      | 303,864    |              | 303,864    |
|                        |                        |                              | Ceramics            | 10,938  | 71,725    | 242,646   | 227,629   | 38,635    | 234,439   | 73,410    | 1,464   | 96,240      | 997,126    | 6,081        | 1,003,207  |
|                        |                        |                              | Steel               | 84,453  | 244,106   | 627,715   | 569,218   | 66,486    | 718,840   | 568,485   | 75,901  | 240,584     | 3,195,788  | 14,004       | 3,209,792  |
|                        |                        |                              | Non-Ferrous Metals  | 17,210  | 261,278   | 403,538   | 141,128   | 72,102    | 190,139   | 146,409   |         | 144,202     | 1,376,006  | 582          | 1,376,588  |
|                        |                        |                              | Machinery           | 60,824  | 825,477   | 1,874,322 | 2,049,779 | 328,687   | 823,679   | 506,206   | 159,309 | 710,113     | 7,338,396  |              | 7,338,396  |
|                        |                        |                              | Others              | 40,886  | 215,345   | 992,668   | 521,148   | 147,027   | 470,756   | 120,149   | 53,303  | 174,714     | 2,735,996  | 2,047        | 2,738,043  |
|                        |                        |                              | Manufacturing Total | 432,373 | 2,094,841 | 5,882,028 | 4,359,663 | 925,057   | 3,275,039 | 1,953,472 | 647,320 | 1,868,145   | 21,437,938 | 34,275       | 21,472,213 |
|                        |                        | Mining & Manufacturing Total |                     | 438,838 | 2,104,779 | 5,895,992 | 4,364,441 | 925,104   | 3,282,257 | 1,966,232 | 651,484 | 1,881,376   | 21,510,503 | 34,716       | 21,545,219 |
|                        | Others                 | Railways                     |                     | 27,947  | 106,428   | 591,935   | 232,600   | 20,411    | 419,435   | 105,204   | 8,830   | 93,836      | 1,606,626  | 789          | 1,607,415  |
|                        |                        | Others                       |                     | 60,756  | 194,962   | 1,225,238 | 296,737   | 54,998    | 415,701   | 129,997   | 46,833  | 218,120     | 2,643,342  | 42,290       | 2,685,632  |
|                        |                        | Others Total                 |                     | 88,703  | 301,390   | 1,817,172 | 529,337   | 75,409    | 835,136   | 235,201   | 55,663  | 311,956     | 4,249,967  | 43,079       | 4,293,046  |
|                        | Total                  |                              |                     | 527,541 | 2,406,169 | 7,713,164 | 4,893,778 | 1,000,513 | 4,117,393 | 2,201,433 | 707,147 | 2,193,332   | 25,760,470 | 77,795       | 25,838,265 |

## [Demand Volume and Change by Large Industry Sector]

### Sales Volume and Change

| By Sector                  |                           |                              | By Company          |        | Hokkaido | Tohoku | Tokyo | Chubu | Hokuriku | Kansai | Chugoku | Shikoku | Kyushu | 9-Co. Total | Okinawa | 10-Co. Total |
|----------------------------|---------------------------|------------------------------|---------------------|--------|----------|--------|-------|-------|----------|--------|---------|---------|--------|-------------|---------|--------------|
|                            |                           |                              |                     |        |          |        |       |       |          |        |         |         |        |             |         |              |
| Year-on-Year<br>Change (%) | Mining &<br>Manufacturing | Mining                       |                     | 88.8   | 101.5    | 99.5   | 131.5 |       | 99.4     | 97.8   | 101.6   | 106.4   | 90.6   | 87.7        | 90.6    |              |
|                            |                           | Manufacturing                | Foodstuffs          | 120.3  | 119.6    | 100.9  | 108.4 | 99.0  | 99.2     | 112.4  | 106.4   | 115.2   | 106.7  | 100.1       | 106.7   |              |
|                            |                           |                              | Textiles            | 0.0    | 107.3    | 105.7  | 101.7 | 104.5 | 98.4     | 105.7  | 92.6    | 103.1   | 102.2  |             | 102.2   |              |
|                            |                           |                              | Paper & Pulp        | 100.8  | 124.5    | 99.1   | 96.4  | 87.8  | 90.5     | 90.4   | 110.5   | 114.7   | 101.8  | 96.3        | 101.8   |              |
|                            |                           |                              | Chemicals           | 101.3  | 102.4    | 107.1  | 108.1 | 107.1 | 103.4    | 96.3   | 101.3   | 108.6   | 104.6  | 96.1        | 104.6   |              |
|                            |                           |                              | Oil/Coal            | 1622.0 | 108.3    | 127.6  | 91.3  | 94.2  | 86.6     | 84.9   | 111.5   | 100.5   | 104.5  | 67.5        | 103.8   |              |
|                            |                           |                              | Rubber Products     | 101.4  | 120.0    | 95.6   | 88.2  | 98.4  | 79.6     | 115.1  | 125.6   | 113.0   | 97.6   |             | 97.6    |              |
|                            |                           |                              | Ceramics            | 80.4   | 103.1    | 102.2  | 104.5 | 99.8  | 105.7    | 104.4  | 91.5    | 93.3    | 102.3  | 101.1       | 102.3   |              |
|                            |                           |                              | Steel               | 99.5   | 95.5     | 96.8   | 106.7 | 110.3 | 89.6     | 110.4  | 109.9   | 120.7   | 100.9  | 125.1       | 101.0   |              |
|                            |                           |                              | Non-Ferrous Metals  | 123.6  | 117.2    | 104.4  | 98.8  | 93.6  | 101.9    | 106.6  |         | 102.7   | 109.3  | 84.8        | 109.2   |              |
|                            |                           |                              | Machinery           | 101.6  | 106.6    | 100.3  | 105.4 | 108.6 | 102.0    | 106.8  | 101.0   | 105.1   | 103.3  |             | 103.3   |              |
|                            |                           |                              | Others              | 107.1  | 103.8    | 105.3  | 106.8 | 104.2 | 104.9    | 108.7  | 106.8   | 105.9   | 105.6  | 108.2       | 105.6   |              |
|                            |                           |                              | Manufacturing Total | 105.5  | 107.4    | 102.1  | 105.1 | 104.6 | 98.9     | 105.5  | 105.1   | 107.8   | 103.8  | 106.6       | 103.8   |              |
|                            |                           | Mining & Manufacturing Total |                     | 105.2  | 107.4    | 102.1  | 105.1 | 104.6 | 98.9     | 105.4  | 105.1   | 107.8   | 103.7  | 106.4       | 103.7   |              |
|                            | Others                    | Railways                     |                     | 100.4  | 96.2     | 96.7   | 98.6  | 94.0  | 98.1     | 99.9   | 98.4    | 98.5    | 97.6   | 103.0       | 97.6    |              |
|                            |                           | Others                       |                     | 101.0  | 99.0     | 100.4  | 98.6  | 101.6 | 101.0    | 100.0  | 89.1    | 104.9   | 100.3  | 94.7        | 100.2   |              |
|                            |                           | Others Total                 |                     | 100.8  | 98.0     | 99.1   | 98.6  | 99.5  | 99.5     | 99.9   | 90.4    | 102.9   | 99.3   | 94.8        | 99.3    |              |
|                            | Total                     |                              |                     | 104.4  | 106.1    | 101.4  | 104.3 | 104.2 | 99.0     | 104.8  | 103.8   | 107.0   | 103.0  | 99.7        | 103.0   |              |