

## Electricity Demand in August 2005(Confirmed Report)

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

Total demand in August was down 1.8% on last year to 80.6 billion kWh across the 10 companies.

- **Lighting Demand (down 3.9%, 24.72 billion kWh)**
- **Commercial Demand (down 0.9%, 20.00 billion kWh)**

Commercial and lighting demand posted declines of 0.9% and 3.9% respectively. The decline in lighting demand reflected the marked difference in cooling demand between last summer, which was the hottest on record, and this summer.

Note: Year-on-year changes in commercial power calculated by adjusting figures for the same period one year ago to match 2005 demand categories (for reference only).

### (Reference)

- **Large Industrial Demand (up 1.7%, 23.27 billion kWh)**

Large industrial user demand in August was up for the first time in two months, increasing by 1.7%. The rise resulted from firm performance in all sectors except the steel sector.

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

| By Use                             |                        | By Company |        |       |       |          |        |         |         |        |             |         |              |
|------------------------------------|------------------------|------------|--------|-------|-------|----------|--------|---------|---------|--------|-------------|---------|--------------|
|                                    |                        | Hokkaido   | Tohoku | Tokyo | Chubu | Hokuriku | Kansai | Chugoku | Shikoku | Kyushu | 9-Co. Total | Okinawa | 10-Co. Total |
| Other than Eligible Customers' Use | Lighting               | 0.2        | 4.7    | -3.8  | -5.9  | -5.4     | -7.1   | -6.7    | -0.7    | -2.8   | -4.0        | -0.1    | -3.9         |
|                                    | Power                  | -5.8       | -1.5   | -9.2  | -11.6 | -11.9    | -18.4  | -13.9   | -3.5    | -6.4   | -10.3       | 1.3     | -9.7         |
|                                    | Lighting & Power Total | -0.8       | 3.5    | -4.7  | -7.1  | -6.8     | -9.1   | -8.1    | -1.3    | -3.6   | -5.1        | 0.7     | -5.0         |
| Eligible Customers' Use            | Commercial Power       | 0.2        | 0.8    | -2.4  | 1.0   | 4.5      | -0.6   | -2.7    | 3.6     | -0.9   | -0.9        | 0.2     | -0.9         |
|                                    | Industrial Power       | -1.5       | 1.3    | -0.2  | 2.0   | 2.7      | 1.0    | -0.3    | 5.6     | 1.4    | 0.9         | -1.1    | 0.9          |
|                                    | Small Total            | -0.7       | 1.2    | -1.2  | 1.7   | 3.3      | 0.3    | -1.1    | 4.8     | 0.4    | 0.2         | -0.4    | 0.2          |
| Total Electricity Sales            |                        | -0.7       | 2.0    | -2.5  | -1.4  | -0.3     | -3.5   | -3.6    | 2.1     | -1.4   | -1.9        | 0.5     | -1.8         |
| (Large Industry)                   |                        | -2.6       | 2.7    | 0.4   | 3.1   | 3.4      | 1.6    | 0.3     | 7.2     | 2.8    | 1.7         | -1.4    | 1.7          |

### [Demand Change by Month & Use]

| By Month<br>By Use                 |                               | Year-on-Year Change (%) |           |      |      |      |      |           |      |      |      |      |      |       |      |  |
|------------------------------------|-------------------------------|-------------------------|-----------|------|------|------|------|-----------|------|------|------|------|------|-------|------|--|
|                                    |                               | FY 2004                 | Aug. 2004 | Sep. | Oct. | Nov. | Dec. | Jan. 2005 | Feb. | Mar. | Apr. | May. | Jun. | Jul.  | Aug. |  |
| Other than Eligible Customers' Use | Lighting Total                | 5.0                     | 13.4      | 3.2  | 2.2  | 0.0  | 2.6  | -0.3      | 4.9  | 8.9  | 5.5  | 2.4  | 0.5  | -4.6  | -3.9 |  |
|                                    | Power                         | 3.1                     | 13.4      | 1.2  | 1.8  | 0.2  | -0.7 | -1.3      | 1.1  | 1.8  | 2.7  | -2.4 | -5.9 | -11.1 | -9.7 |  |
|                                    | Lighting & Power Total        | 4.1                     | 13.4      | 2.2  | 2.0  | 0.1  | 1.0  | -0.7      | 3.2  | 5.6  | 5.1  | 1.6  | -0.6 | -5.9  | -5.0 |  |
| Eligible Customers' Use            | Commercial Power              | -                       | -         | -    | -    | -    | -    | -         | -    | -    | 3.5  | 0.8  | -0.8 | -3.0  | -0.9 |  |
|                                    | Industrial Power              | -                       | -         | -    | -    | -    | -    | -         | -    | -    | 0.8  | -0.7 | 0.3  | -1.9  | 0.9  |  |
|                                    | Eligible Customers' Use Total | 3.2                     | 5.0       | 2.9  | 2.8  | 2.6  | 2.0  | 2.3       | 0.8  | 2.8  | 1.7  | -0.2 | -0.1 | -2.3  | 0.2  |  |
| Total Electricity Sales            |                               | 3.7                     | 10.2      | 2.5  | 2.3  | 1.2  | 1.4  | 0.3       | 2.3  | 4.5  | 3.0  | 0.5  | -0.3 | -3.6  | -1.8 |  |

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

| By Sector \ By Month |  | Year-on-Year Change (%) |           |      |      |      |      |           |      |      |      |      |      |      |      |  |
|----------------------|--|-------------------------|-----------|------|------|------|------|-----------|------|------|------|------|------|------|------|--|
|                      |  | FY 2004                 | Aug. 2004 | Sep. | Oct. | Nov. | Dec. | Jan. 2005 | Feb. | Mar. | Apr. | May. | Jun. | Jul. | Aug. |  |
| Textiles             |  | -2.7                    | -1.2      | -1.8 | -4.3 | -0.9 | -2.7 | -5.3      | -5.3 | -3.7 | -3.0 | 0.2  | 1.3  | -0.3 | 2.1  |  |
| Paper & Pulp         |  | -1.9                    | -0.3      | -0.9 | -1.1 | -4.8 | -0.8 | -0.5      | -3.9 | 1.3  | -0.3 | 3.1  | 2.5  | 3.3  | 0.9  |  |
| Chemicals            |  | 3.7                     | 5.6       | 1.0  | 2.7  | 0.9  | 5.8  | 4.5       | 0.3  | 4.7  | -0.2 | -1.8 | -1.4 | -0.7 | 1.7  |  |
| Ceramics             |  | -1.8                    | 0.1       | -3.1 | -3.1 | -4.1 | -1.1 | 1.3       | -4.0 | -2.1 | 1.3  | -3.4 | 0.2  | 1.1  | 0.9  |  |
| Steel                |  | 3.8                     | 1.4       | 3.8  | 8.3  | 3.9  | 3.4  | 4.5       | -0.4 | 0.5  | 1.6  | -1.9 | -1.8 | -2.6 | -2.1 |  |
| Non-Ferrous Metals   |  | 1.5                     | 4.5       | 3.5  | 1.1  | -0.2 | 1.8  | 0.0       | -2.2 | 0.7  | 3.4  | 2.6  | 5.6  | 2.5  | 4.8  |  |
| Machinery            |  | 5.1                     | 7.2       | 5.6  | 3.6  | 5.1  | 2.8  | 1.9       | 1.9  | 3.4  | 2.4  | 0.4  | 1.4  | -1.4 | 3.5  |  |
| Large Industry Total |  | 2.8                     | 4.5       | 2.8  | 2.3  | 2.3  | 1.8  | 1.6       | -0.1 | 1.7  | 1.0  | -0.8 | 0.5  | -1.6 | 1.7  |  |

**[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                | 848,994   | 1,978,948 | 8,254,363  | 3,025,136  | 646,666   | 4,506,160  | 1,560,870 | 888,929   | 2,695,980 | 24,406,046  | 310,242 | 24,716,288   |
|                                     | <Residential Lighting>  | 600,524   | 1,481,896 | 6,272,219  | 2,146,298  | 426,895   | 3,516,244  | 1,175,529 | 707,662   | 2,052,756 | 18,380,023  | 291,780 | 18,671,803   |
|                                     | Power                   | 154,442   | 447,392   | 1,449,314  | 777,007    | 175,259   | 887,835    | 330,077   | 237,180   | 756,743   | 5,215,249   | 364,925 | 5,580,174    |
|                                     | <Low Voltage>           | 136,290   | 371,748   | 1,275,398  | 658,083    | 151,142   | 816,613    | 285,324   | 191,471   | 684,862   | 4,570,931   | 72,846  | 4,643,777    |
|                                     | Lighting & Power Total  | 1,003,436 | 2,426,340 | 9,703,677  | 3,802,143  | 821,925   | 5,393,995  | 1,890,947 | 1,126,109 | 3,452,723 | 29,621,295  | 675,167 | 30,296,462   |
|                                     | Eligible Customers' Use | 1,452,468 | 4,437,190 | 16,758,583 | 7,772,340  | 1,663,319 | 8,578,337  | 3,498,769 | 1,520,178 | 4,551,847 | 50,233,031  | 116,546 | 50,349,577   |
|                                     | <Commercial Power>      | 698,266   | 1,506,239 | 7,572,812  | 2,288,999  | 515,897   | 3,604,362  | 1,105,881 | 642,231   | 2,002,755 | 19,937,442  | 60,173  | 19,997,615   |
|                                     | <Industrial Power>      | 754,202   | 2,930,951 | 9,185,770  | 5,483,341  | 1,147,422 | 4,973,975  | 2,392,888 | 877,947   | 2,549,092 | 30,295,588  | 56,373  | 30,351,961   |
|                                     | Total Electricity Sales | 2,455,904 | 6,863,530 | 26,462,260 | 11,574,483 | 2,485,244 | 13,972,332 | 5,389,716 | 2,646,287 | 8,004,570 | 79,854,326  | 791,713 | 80,646,039   |
| Year-on-Year Change (%)             | Lighting                | 100.2     | 104.7     | 96.2       | 94.1       | 94.6      | 92.9       | 93.3      | 99.3      | 97.2      | 96.0        | 99.9    | 96.1         |
|                                     | Power                   | 94.2      | 98.5      | 90.8       | 88.4       | 88.1      | 81.6       | 86.1      | 96.5      | 93.6      | 89.7        | 101.3   | 90.3         |
|                                     | <Low Voltage>           | 93.9      | 98.6      | 90.6       | 87.2       | 88.1      | 80.9       | 85.3      | 95.7      | 93.7      | 89.1        | 97.5    | 89.2         |
|                                     | Lighting & Power Total  | 99.2      | 103.5     | 95.3       | 92.9       | 93.2      | 90.9       | 91.9      | 98.7      | 96.4      | 94.9        | 100.7   | 95.0         |
|                                     | Eligible Customers' Use | 99.3      | 101.2     | 98.8       | 101.7      | 103.3     | 100.3      | 98.9      | 104.8     | 100.4     | 100.2       | 99.6    | 100.2        |
|                                     | <Commercial Power>      | 100.2     | 100.8     | 97.6       | 101.0      | 104.5     | 99.4       | 97.3      | 103.6     | 99.1      | 99.1        | 100.2   | 99.1         |
|                                     | <Industrial Power>      | 98.5      | 101.3     | 99.8       | 102.0      | 102.7     | 101.0      | 99.7      | 105.6     | 101.4     | 100.9       | 98.9    | 100.9        |
|                                     | Total Electricity Sales | 99.3      | 102.0     | 97.5       | 98.6       | 99.7      | 96.5       | 96.4      | 102.1     | 98.6      | 98.1        | 100.5   | 98.2         |

**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)   | 2,575,082 | 4,894,630 | 19,543,745 | 6,530,223  | 1,153,893 | 9,279,152  | 3,482,928 | 1,913,241 | 5,797,653 | 55,170,547  | 629,031   | 55,799,578   |
|                                           | Power Total (kW)                          | 1,822,139 | 5,656,019 | 16,849,340 | 9,446,612  | 1,929,351 | 8,962,025  | 3,742,664 | 2,718,321 | 7,090,188 | 58,216,659  | 1,418,139 | 59,634,798   |
|                                           | <Low Voltage(kW)>                         | 1,586,395 | 4,607,494 | 14,395,983 | 7,038,593  | 1,561,723 | 7,683,717  | 2,909,081 | 1,902,709 | 5,560,320 | 47,246,015  | 471,190   | 47,717,205   |
|                                           | Lighting & Power Total (No. of Contracts) | 3,753,924 | 7,605,759 | 27,698,532 | 10,252,136 | 1,985,996 | 13,180,803 | 5,186,806 | 2,860,110 | 8,303,373 | 80,827,439  | 791,183   | 81,618,622   |

## [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                       |                     | 6,387   | 8,924     | 12,966    | 2,987     | 3,245   | 7,393     | 12,512    | 3,859   | 11,868      | 70,141     | 483          | 70,624     |
|                        |                        | Manufacturing                | Foodstuffs          | 79,266  | 117,077   | 533,332   | 227,075   | 23,969  | 243,361   | 79,046    | 40,102  | 160,852     | 1,504,080  | 8,300        | 1,512,380  |
|                        |                        |                              | Textiles            | 0       | 11,171    | 9,171     | 66,127    | 71,295  | 49,679    | 18,957    | 12,081  | 12,914      | 251,395    |              | 251,395    |
|                        |                        |                              | Paper & Pulp        | 87,757  | 82,188    | 235,146   | 127,627   | 28,031  | 79,514    | 51,118    | 104,531 | 32,002      | 827,914    | 511          | 828,425    |
|                        |                        |                              | Chemicals           | 30,284  | 146,240   | 717,124   | 266,892   | 109,324 | 394,234   | 306,291   | 128,986 | 154,098     | 2,253,473  | 1,385        | 2,254,858  |
|                        |                        |                              | Oil/Coal            | 129     | 7,151     | 36,018    | 5,585     | 4,954   | 28,539    | 10,420    | 28,718  | 10,788      | 132,302    | 3,826        | 136,128    |
|                        |                        |                              | Rubber Products     | 73      | 19,024    | 74,956    | 79,344    | 1,931   | 40,571    | 20,506    | 3,646   | 35,069      | 275,120    |              | 275,120    |
|                        |                        |                              | Ceramics            | 6,028   | 54,583    | 208,793   | 186,011   | 32,686  | 202,638   | 66,483    | 1,509   | 80,037      | 838,768    | 5,079        | 843,847    |
|                        |                        |                              | Steel               | 60,298  | 235,252   | 564,198   | 483,952   | 57,697  | 612,421   | 483,946   | 76,121  | 195,896     | 2,769,781  | 12,004       | 2,781,785  |
|                        |                        |                              | Non-Ferrous Metals  | 17,462  | 221,655   | 352,398   | 109,679   | 60,547  | 162,730   | 120,209   |         | 87,971      | 1,132,651  | 609          | 1,133,260  |
|                        |                        |                              | Machinery           | 51,216  | 698,948   | 1,748,193 | 1,622,460 | 274,429 | 735,664   | 426,514   | 138,868 | 653,596     | 6,349,888  |              | 6,349,888  |
|                        |                        |                              | Others              | 36,292  | 187,735   | 877,360   | 426,456   | 127,967 | 407,673   | 99,647    | 45,732  | 137,342     | 2,346,204  | 2,260        | 2,348,464  |
|                        |                        |                              | Manufacturing Total | 368,805 | 1,781,024 | 5,356,690 | 3,601,208 | 792,830 | 2,957,024 | 1,683,137 | 580,294 | 1,560,565   | 18,681,577 | 33,974       | 18,715,551 |
|                        |                        | Mining & Manufacturing Total |                     | 375,192 | 1,789,948 | 5,369,656 | 3,604,195 | 796,075 | 2,964,417 | 1,695,649 | 584,153 | 1,572,433   | 18,751,718 | 34,457       | 18,786,175 |
|                        |                        | Others                       | Railways            |         | 29,896    | 119,483   | 656,830   | 253,498 | 24,523    | 452,318   | 109,990 | 10,375      | 97,054     | 1,753,967    | 845        |
|                        | Others                 |                              | 60,683              | 203,452 | 1,242,765 | 303,622   | 54,518    | 418,846 | 128,947   | 48,428    | 219,929 | 2,681,190   | 46,811     | 2,728,001    |            |
|                        | Others Total           |                              | 90,579              | 322,935 | 1,899,595 | 557,120   | 79,041    | 871,164 | 238,937   | 58,803    | 316,983 | 4,435,157   | 47,656     | 4,482,813    |            |
|                        | Total                  |                              |                     | 465,771 | 2,112,883 | 7,269,251 | 4,161,315 | 875,116 | 3,835,581 | 1,934,586 | 642,956 | 1,889,416   | 23,186,875 | 82,113       | 23,268,988 |

## [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 |       |
| Year-on-Year Change (%) | Mining & Manufacturing | Mining                       |                     | 104.3  | 132.3 | 100.9 | 99.6     | 26.3   | 123.5   | 106.2   | 131.7  | 114.7       | 97.3    | 83.7         | 97.2  |
|                         |                        | Manufacturing                | Foodstuffs          | 99.9   | 103.4 | 98.2  | 104.4    | 98.4   | 102.1   | 101.5   | 103.9  | 104.9       | 101.2   | 99.8         | 101.2 |
|                         |                        |                              | Textiles            | 0.0    | 109.4 | 98.2  | 113.7    | 95.7   | 99.5    | 116.8   | 100.4  | 80.9        | 102.1   |              | 102.1 |
|                         |                        |                              | Paper & Pulp        | 92.5   | 108.2 | 98.2  | 101.9    | 103.2  | 100.1   | 98.9    | 107.8  | 108.0       | 100.9   | 121.4        | 100.9 |
|                         |                        |                              | Chemicals           | 105.4  | 88.7  | 99.7  | 101.3    | 101.2  | 101.1   | 111.9   | 106.1  | 105.5       | 101.7   | 104.8        | 101.7 |
|                         |                        |                              | Oil/Coal            | 2.9    | 54.8  | 94.8  | 218.2    | 95.6   | 186.8   | 110.0   | 88.4   | 105.0       | 101.2   | 82.6         | 100.5 |
|                         |                        |                              | Rubber Products     | 98.6   | 96.5  | 92.9  | 101.8    | 107.9  | 105.3   | 87.0    | 95.5   | 86.5        | 96.0    |              | 96.0  |
|                         |                        |                              | Ceramics            | 83.2   | 91.3  | 97.7  | 103.2    | 99.5   | 98.4    | 108.7   | 55.7   | 107.5       | 100.9   | 101.6        | 100.9 |
|                         |                        |                              | Steel               | 105.4  | 108.6 | 98.4  | 103.5    | 108.7  | 98.3    | 87.4    | 126.4  | 92.1        | 97.9    | 96.9         | 97.9  |
|                         |                        |                              | Non-Ferrous Metals  | 101.7  | 105.2 | 100.0 | 99.2     | 98.3   | 110.8   | 102.2   |        | 108.4       | 104.8   | 95.2         | 104.8 |
|                         |                        |                              | Machinery           | 97.9   | 104.7 | 102.3 | 102.7    | 113.6  | 102.8   | 107.9   | 105.7  | 103.2       | 103.5   |              | 103.5 |
|                         |                        |                              | Others              | 93.2   | 104.1 | 100.5 | 102.1    | 101.7  | 101.4   | 96.0    | 111.8  | 105.0       | 101.4   | 102.2        | 101.4 |
|                         |                        |                              | Manufacturing Total | 97.0   | 102.8 | 100.1 | 102.9    | 104.9  | 101.8   | 100.0   | 107.3  | 102.1       | 101.7   | 97.3         | 101.6 |
|                         |                        | Mining & Manufacturing Total |                     | 97.1   | 102.9 | 100.1 | 102.9    | 103.6  | 101.8   | 100.0   | 107.4  | 102.2       | 101.6   | 97.0         | 101.6 |
|                         | Others                 | Railways                     |                     | 101.3  | 101.2 | 103.5 | 105.0    | 100.5  | 101.9   | 102.9   | 115.3  | 103.2       | 103.1   | 100.5        | 103.1 |
|                         |                        | Others                       |                     | 97.8   | 101.7 | 100.0 | 104.0    | 102.5  | 100.0   | 102.0   | 102.4  | 107.0       | 101.2   | 99.8         | 101.2 |
|                         |                        | Others Total                 |                     | 98.9   | 101.5 | 101.2 | 104.5    | 101.9  | 101.0   | 102.4   | 104.4  | 105.8       | 102.0   | 99.8         | 101.9 |
|                         | Total                  |                              |                     | 97.4   | 102.7 | 100.4 | 103.1    | 103.4  | 101.6   | 100.3   | 107.2  | 102.8       | 101.7   | 98.6         | 101.7 |