

### Electricity Demand in December 2005(Confirmed Report)

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

Total demand in December was up 7.9% on last year to 72.7 billion kWh across the 10 companies.

- **Lighting Demand (up 12.6%, 24.03 billion kWh)**
- **Commercial Demand (up 7.6%, 15.56 billion kWh)**

Commercial and lighting demand posted increases of 7.6% and 12.6% respectively. Compared to last year's mild November and December weather, this December saw record-breaking low temperatures nationwide that resulted in sharply higher heating and lighting demand.

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 4.6%, 22.87 billion kWh)**

Large industrial user demand in December was up for the fifth consecutive month, increasing by 4.6%. The rise resulted from firm performance in all sectors except steel.

#### [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               | 2.5        | 10.4   | 12.0  | 14.1  | 17.1     | 15.0   | 15.2    | 12.0    | 13.9   | 12.7        | 2.9     | 12.6         |
|                                    | Power                  | 4.1        | 17.3   | 10.4  | 11.2  | 21.3     | 4.6    | 8.1     | 7.3     | 11.5   | 10.2        | 1.3     | 9.6          |
|                                    | Lighting & Power Total | 2.7        | 11.4   | 11.8  | 13.6  | 17.8     | 13.7   | 14.2    | 11.1    | 13.5   | 12.4        | 2.0     | 12.2         |
| Eligible Customers' Use            | Commercial Power       | 4.8        | 9.8    | 4.9   | 10.0  | 18.8     | 7.3    | 9.2     | 15.5    | 9.3    | 7.6         | -4.5    | 7.6          |
|                                    | Industrial Power       | 2.6        | 7.3    | 2.4   | 7.5   | 6.2      | 2.7    | 0.3     | 4.4     | 5.8    | 4.2         | 8.0     | 4.2          |
|                                    | Small Total            | 3.6        | 8.1    | 3.4   | 8.1   | 9.5      | 4.3    | 2.6     | 8.3     | 7.0    | 5.3         | 2.7     | 5.3          |
| Total Electricity Sales            |                        | 3.2        | 9.3    | 6.5   | 9.9   | 12.1     | 7.8    | 6.6     | 9.5     | 9.7    | 7.9         | 2.1     | 7.9          |
| (Large Industry)                   |                        | 4.0        | 8.6    | 2.0   | 8.9   | 6.6      | 2.7    | 0.4     | 5.1     | 7.4    | 4.6         | 6.1     | 4.6          |

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

| By Month<br>By Use                 |                               | Year-on-Year Change (%) |           |           |      |      |      |      |      |       |      |      |      |      |      |
|------------------------------------|-------------------------------|-------------------------|-----------|-----------|------|------|------|------|------|-------|------|------|------|------|------|
|                                    |                               | FY 2004                 | Dec. 2004 | Jan. 2005 | Feb. | Mar. | Apr. | May. | Jun. | Jul.  | Aug. | Sep. | Oct. | Nov. | Dec. |
| Other than Eligible Customers' Use | Lighting Total                | 5.0                     | 2.6       | -0.3      | 4.9  | 8.9  | 5.5  | 2.4  | 0.5  | -4.6  | -3.9 | 5.0  | 2.4  | 1.6  | 12.6 |
|                                    | Power                         | 3.1                     | -0.7      | -1.3      | 1.1  | 1.8  | 2.7  | -2.4 | -5.9 | -11.1 | -9.7 | 0.3  | -1.4 | -1.2 | 9.6  |
|                                    | Lighting & Power Total        | 4.1                     | 1.0       | -0.7      | 3.2  | 5.6  | 5.1  | 1.6  | -0.6 | -5.9  | -5.0 | 4.1  | 1.7  | 1.2  | 12.2 |
| Eligible Customers' Use            | Commercial Power              | -                       | -         | -         | -    | -    | 3.5  | 0.8  | -0.8 | -3.0  | -0.9 | 3.4  | 3.3  | 3.7  | 7.6  |
|                                    | Industrial Power              | -                       | -         | -         | -    | -    | 0.8  | -0.7 | 0.3  | -1.9  | 0.9  | 1.7  | 2.1  | 2.1  | 4.2  |
|                                    | Eligible Customers' Use Total | 3.2                     | 2.0       | 2.3       | 0.8  | 2.8  | 1.7  | -0.2 | -0.1 | -2.3  | 0.2  | 2.4  | 2.6  | 2.6  | 5.3  |
| Total Electricity Sales            |                               | 3.7                     | 1.4       | 0.3       | 2.3  | 4.5  | 3.0  | 0.5  | -0.3 | -3.6  | -1.8 | 3.0  | 2.3  | 2.1  | 7.9  |

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

| By Month<br>By Sector |  | Year-on-Year Change (%) |           |           |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------|--|-------------------------|-----------|-----------|------|------|------|------|------|------|------|------|------|------|------|
|                       |  | FY 2004                 | Dec. 2004 | Jan. 2005 | Feb. | Mar. | Apr. | May. | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. |
| Textiles              |  | -2.7                    | -2.7      | -5.3      | -5.3 | -3.7 | -3.0 | 0.2  | 1.3  | -0.3 | 2.1  | 2.2  | 4.0  | 3.9  | 4.2  |
| Paper & Pulp          |  | -1.9                    | -0.8      | -0.5      | -3.9 | 1.3  | -0.3 | 3.1  | 2.5  | 3.3  | 0.9  | 3.4  | 6.3  | 5.2  | 5.7  |
| Chemicals             |  | 3.7                     | 5.8       | 4.5       | 0.3  | 4.7  | -0.2 | -1.8 | -1.4 | -0.7 | 1.7  | 5.8  | 6.5  | 4.7  | 4.9  |
| Ceramics              |  | -1.8                    | -1.1      | 1.3       | -4.0 | -2.1 | 1.3  | -3.4 | 0.2  | 1.1  | 0.9  | 3.2  | 4.8  | 5.9  | 5.8  |
| Steel                 |  | 3.8                     | 3.4       | 4.5       | -0.4 | 0.5  | 1.6  | -1.9 | -1.8 | -2.6 | -2.1 | -0.4 | -1.9 | -3.3 | -1.0 |
| Non-Ferrous Metals    |  | 1.5                     | 1.8       | 0.0       | -2.2 | 0.7  | 3.4  | 2.6  | 5.6  | 2.5  | 4.8  | 4.0  | 6.1  | 6.8  | 9.6  |
| Machinery             |  | 5.1                     | 2.8       | 1.9       | 1.9  | 3.4  | 2.4  | 0.4  | 1.4  | -1.4 | 3.5  | 2.7  | 4.0  | 4.2  | 7.6  |
| Large Industry Total  |  | 2.8                     | 1.8       | 1.6       | -0.1 | 1.7  | 1.0  | -0.8 | 0.5  | -1.6 | 1.7  | 1.9  | 2.7  | 2.3  | 4.6  |

**[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                | 1,016,856 | 2,133,213 | 8,101,150  | 3,021,716  | 661,390   | 4,106,745  | 1,602,060 | 794,333   | 2,393,493 | 23,830,956  | 202,370 | 24,033,326   |
|                                     | <Residential Lighting>  | 665,380   | 1,526,620 | 6,015,549  | 2,065,255  | 398,914   | 3,015,364  | 1,114,436 | 587,445   | 1,673,469 | 17,062,432  | 180,608 | 17,243,040   |
|                                     | Power                   | 170,608   | 359,869   | 1,013,637  | 605,395    | 137,770   | 540,618    | 244,508   | 165,519   | 466,536   | 3,704,460   | 242,757 | 3,947,217    |
|                                     | <Low Voltage>           | 100,397   | 262,943   | 830,869    | 416,405    | 99,318    | 440,007    | 169,296   | 100,135   | 373,647   | 2,793,017   | 29,744  | 2,822,761    |
|                                     | Lighting & Power Total  | 1,187,464 | 2,493,082 | 9,114,787  | 3,627,111  | 799,160   | 4,647,363  | 1,846,568 | 959,852   | 2,860,029 | 27,535,416  | 445,127 | 27,980,543   |
|                                     | Eligible Customers' Use | 1,384,766 | 4,323,452 | 14,555,018 | 7,165,151  | 1,633,847 | 7,248,451  | 3,065,635 | 1,388,103 | 3,828,891 | 44,593,314  | 88,917  | 44,682,231   |
|                                     | <Commercial Power>      | 657,058   | 1,354,771 | 5,880,262  | 1,747,685  | 460,954   | 2,667,854  | 823,501   | 523,404   | 1,407,259 | 15,522,748  | 35,268  | 15,558,016   |
|                                     | <Industrial Power>      | 727,708   | 2,968,681 | 8,674,756  | 5,417,466  | 1,172,893 | 4,580,597  | 2,242,134 | 864,699   | 2,421,632 | 29,070,566  | 53,649  | 29,124,215   |
|                                     | Total Electricity Sales | 2,572,230 | 6,816,534 | 23,669,805 | 10,792,262 | 2,433,007 | 11,895,814 | 4,912,203 | 2,347,955 | 6,688,920 | 72,128,730  | 534,044 | 72,662,774   |
| Year-on-Year Change (%)             | Lighting                | 102.5     | 110.4     | 112.0      | 114.1      | 117.1     | 115.0      | 115.2     | 112.0     | 113.9     | 112.7       | 102.9   | 112.6        |
|                                     | Power                   | 104.1     | 117.3     | 110.4      | 111.2      | 121.3     | 104.6      | 108.1     | 107.3     | 111.5     | 110.2       | 101.3   | 109.6        |
|                                     | <Low Voltage>           | 99.8      | 112.4     | 112.3      | 114.8      | 118.8     | 105.2      | 111.6     | 111.2     | 114.2     | 111.4       | 92.1    | 111.1        |
|                                     | Lighting & Power Total  | 102.7     | 111.4     | 111.8      | 113.6      | 117.8     | 113.7      | 114.2     | 111.1     | 113.5     | 112.4       | 102.0   | 112.2        |
|                                     | Eligible Customers' Use | 103.6     | 108.1     | 103.4      | 108.1      | 109.5     | 104.3      | 102.6     | 108.3     | 107.0     | 105.3       | 102.7   | 105.3        |
|                                     | <Commercial Power>      | 104.8     | 109.8     | 104.9      | 110.0      | 118.8     | 107.3      | 109.2     | 115.5     | 109.3     | 107.6       | 95.5    | 107.6        |
|                                     | <Industrial Power>      | 102.6     | 107.3     | 102.4      | 107.5      | 106.2     | 102.7      | 100.3     | 104.4     | 105.8     | 104.2       | 108.0   | 104.2        |
|                                     | Total Electricity Sales | 103.2     | 109.3     | 106.5      | 109.9      | 112.1     | 107.8      | 106.6     | 109.5     | 109.7     | 107.9       | 102.1   | 107.9        |

**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)   | 2,571,520 | 4,899,071 | 19,587,431 | 6,543,479  | 1,149,814 | 9,278,732  | 3,473,314 | 1,908,644 | 5,781,846 | 55,193,851  | 630,350   | 55,824,201   |
|                                           | Power Total (kW)                          | 2,226,821 | 5,718,038 | 16,385,759 | 9,306,724  | 2,010,071 | 8,811,760  | 3,660,884 | 2,627,072 | 6,873,950 | 57,621,079  | 1,419,500 | 59,040,579   |
|                                           | <Low Voltage(kW)>                         | 1,582,138 | 4,589,794 | 14,335,600 | 6,997,338  | 1,552,829 | 7,649,406  | 2,888,386 | 1,892,829 | 5,537,118 | 47,025,438  | 470,459   | 47,495,897   |
|                                           | Lighting & Power Total (No. of Contracts) | 3,804,813 | 7,627,905 | 27,709,297 | 10,282,375 | 1,997,031 | 13,205,075 | 5,184,208 | 2,845,466 | 8,298,257 | 80,954,427  | 793,790   | 81,748,217   |

## [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                       |                     | 6,297   | 10,218    | 15,073    | 3,811     | 18,986  | 7,641     | 13,735    | 4,493   | 12,685      | 92,939     | 653          | 93,592     |
|                        |                        | Manufacturing                | Foodstuffs          | 67,126  | 98,177    | 405,113   | 181,732   | 18,747  | 192,379   | 64,671    | 32,951  | 134,403     | 1,195,299  | 7,203        | 1,202,502  |
|                        |                        |                              | Textiles            | 0       | 10,657    | 8,809     | 68,717    | 69,112  | 48,914    | 19,524    | 13,291  | 13,329      | 252,353    |              | 252,353    |
|                        |                        |                              | Paper & Pulp        | 73,757  | 82,587    | 239,366   | 143,729   | 30,055  | 68,656    | 49,251    | 122,872 | 40,129      | 850,402    | 512          | 850,914    |
|                        |                        |                              | Chemicals           | 26,088  | 192,072   | 774,257   | 252,259   | 120,106 | 371,045   | 292,957   | 136,387 | 196,185     | 2,361,356  | 1,166        | 2,362,522  |
|                        |                        |                              | Oil/Coal            | 168     | 3,776     | 26,657    | 4,255     | 4,609   | 27,871    | 18,342    | 27,903  | 11,307      | 124,888    | 3,700        | 128,588    |
|                        |                        |                              | Rubber Products     | 85      | 20,706    | 74,406    | 74,921    | 1,934   | 36,186    | 23,402    | 3,346   | 36,085      | 271,071    |              | 271,071    |
|                        |                        |                              | Ceramics            | 12,069  | 69,650    | 251,561   | 223,537   | 38,407  | 193,884   | 71,433    | 1,948   | 110,750     | 973,239    | 6,848        | 980,087    |
|                        |                        |                              | Steel               | 66,957  | 274,920   | 644,376   | 549,792   | 73,446  | 657,585   | 427,070   | 83,187  | 222,584     | 2,999,917  | 13,716       | 3,013,633  |
|                        |                        |                              | Non-Ferrous Metals  | 17,126  | 250,359   | 350,532   | 148,147   | 59,484  | 165,914   | 128,220   |         | 87,800      | 1,207,582  | 602          | 1,208,184  |
|                        |                        |                              | Machinery           | 54,197  | 678,709   | 1,649,184 | 1,645,401 | 264,354 | 672,525   | 404,779   | 132,604 | 591,585     | 6,093,338  |              | 6,093,338  |
|                        |                        |                              | Others              | 36,644  | 192,564   | 831,794   | 427,988   | 130,717 | 377,471   | 97,839    | 45,895  | 137,695     | 2,278,607  | 1,618        | 2,280,225  |
|                        |                        |                              | Manufacturing Total | 354,217 | 1,874,177 | 5,256,055 | 3,720,478 | 810,971 | 2,812,430 | 1,597,488 | 600,384 | 1,581,852   | 18,608,052 | 35,365       | 18,643,417 |
|                        |                        | Mining & Manufacturing Total |                     | 360,514 | 1,884,395 | 5,271,129 | 3,724,289 | 829,957 | 2,820,071 | 1,611,223 | 604,877 | 1,594,537   | 18,700,992 | 36,018       | 18,737,010 |
|                        | Others                 | Railways                     |                     | 34,712  | 139,987   | 603,100   | 249,328   | 27,611  | 422,212   | 110,558   | 9,437   | 94,419      | 1,691,364  | 706          | 1,692,070  |
|                        |                        | Others                       |                     | 57,939  | 191,096   | 1,081,469 | 275,903   | 51,468  | 379,611   | 119,168   | 46,793  | 194,408     | 2,397,855  | 39,538       | 2,437,393  |
|                        |                        | Others Total                 |                     | 92,651  | 331,083   | 1,684,569 | 525,231   | 79,079  | 801,823   | 229,726   | 56,230  | 288,827     | 4,089,219  | 40,244       | 4,129,463  |
|                        | Total                  |                              |                     | 453,165 | 2,215,478 | 6,955,697 | 4,249,520 | 909,036 | 3,621,894 | 1,840,949 | 661,107 | 1,883,364   | 22,790,210 | 76,262       | 22,866,472 |

## [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                       |                     | 94.7   | 118.9 | 97.1  | 96.6     | 134.6  | 100.0   | 93.8    | 125.2  | 103.3       | 106.9   | 106.0        | 106.9 |
|                         |                        | Manufacturing                | Foodstuffs          | 100.7  | 97.9  | 96.1  | 105.3    | 97.4   | 101.8   | 102.4   | 101.0  | 105.8       | 100.3   | 111.0        | 100.3 |
|                         |                        |                              | Textiles            | 0.0    | 89.3  | 101.4 | 120.8    | 95.5   | 99.9    | 124.1   | 101.5  | 92.3        | 104.2   |              | 104.2 |
|                         |                        |                              | Paper & Pulp        | 99.6   | 124.0 | 102.8 | 113.1    | 93.8   | 93.3    | 95.1    | 111.4  | 111.6       | 105.7   | 119.6        | 105.7 |
|                         |                        |                              | Chemicals           | 82.9   | 118.3 | 100.9 | 101.0    | 108.8  | 102.9   | 111.3   | 104.0  | 111.9       | 104.9   | 97.5         | 104.9 |
|                         |                        |                              | Oil/Coal            | 101.2  | 71.9  | 77.7  | 98.9     | 92.0   | 162.1   | 189.1   | 105.0  | 122.4       | 111.8   | 95.5         | 111.2 |
|                         |                        |                              | Rubber Products     | 111.8  | 103.4 | 96.7  | 104.8    | 113.4  | 100.9   | 97.4    | 125.8  | 93.0        | 99.8    |              | 99.8  |
|                         |                        |                              | Ceramics            | 157.4  | 106.0 | 107.6 | 108.5    | 110.3  | 94.9    | 104.3   | 93.3   | 107.4       | 105.8   | 99.8         | 105.8 |
|                         |                        |                              | Steel               | 135.3  | 105.4 | 99.7  | 104.7    | 104.2  | 101.2   | 83.1    | 95.8   | 102.0       | 99.0    | 107.6        | 99.0  |
|                         |                        |                              | Non-Ferrous Metals  | 108.9  | 108.3 | 100.4 | 131.7    | 99.0   | 110.4   | 107.6   |        | 111.7       | 109.7   | 86.9         | 109.6 |
|                         |                        |                              | Machinery           | 105.6  | 109.6 | 104.7 | 111.3    | 112.0  | 105.6   | 108.0   | 107.4  | 106.8       | 107.6   |              | 107.6 |
|                         |                        |                              | Others              | 97.9   | 108.7 | 103.5 | 107.2    | 106.8  | 102.3   | 103.1   | 108.5  | 112.5       | 105.1   | 84.8         | 105.1 |
|                         |                        |                              | Manufacturing Total | 106.0  | 108.9 | 102.1 | 109.3    | 106.1  | 102.8   | 99.9    | 105.1  | 107.1       | 104.8   | 103.4        | 104.8 |
|                         |                        | Mining & Manufacturing Total |                     | 105.8  | 109.0 | 102.1 | 109.3    | 106.6  | 102.8   | 99.9    | 105.3  | 107.1       | 104.8   | 103.4        | 104.8 |
|                         | Others                 | Railways                     |                     | 100.4  | 114.7 | 104.9 | 107.2    | 114.5  | 107.1   | 104.9   | 107.2  | 109.6       | 106.8   | 101.9        | 106.8 |
|                         |                        | Others                       |                     | 95.6   | 101.2 | 100.3 | 105.4    | 103.4  | 97.2    | 103.8   | 103.2  | 109.2       | 101.3   | 108.7        | 101.4 |
|                         |                        | Others Total                 |                     | 97.3   | 106.5 | 101.9 | 106.2    | 107.0  | 102.2   | 104.4   | 103.9  | 109.4       | 103.5   | 108.5        | 103.6 |
|                         | Total                  |                              |                     | 104.0  | 108.6 | 102.0 | 108.9    | 106.6  | 102.7   | 100.4   | 105.1  | 107.4       | 104.6   | 106.1        | 104.6 |