

Electricity Demand in August 2012 (Confirmed Report)

Demand Overview (Total Sales of 10 Power Companies)

- Electricity demand in August 2012, measured in terms of the total electricity sales of the ten power companies, was up year on year for the first time in three months, increasing by 3.0% to 77.59 billion kWh.

- Outside the liberalized segment, lighting demand grew by 6.5%, due principally to increased cooling demands caused by relatively higher temperatures in late July than the previous year and a longer meter-reading period compared with a year ago.

Commercial demand in the liberalized segment rose by 4.4% due mainly to increased cooling demands caused by relatively higher temperatures in late July.

Lighting Demand (up 6.5% on the year, 24.78 billion kWh in total)

Commercial Demand (up 4.4% on the year, 19.08 billion kWh in total)

(Reference)

Large Industrial Demand (down 1.4% on the year, 22.94 billion kWh in total)

Large industrial user demand was down from a year ago for the third consecutive month, declining by 1.4%. This was mainly due to a year-on-year decrease in all major industries.

Demand Change by Use

| By Use | | By Month | | Year-on-year Change (%) | | | | | | | | | | | |
|------------------------------------|-------------------------------|----------|-----------|-------------------------|-------|------|------|-----------|------|------|------|------|------|-------|------|
| | | FY2011 | Aug. 2011 | Sep. | Oct. | Nov. | Dec. | Jan. 2012 | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. |
| Other than Eligible Customers' Use | Lighting Total | -5.0 | -14.8 | -13.9 | -6.7 | -7.7 | -2.6 | -3.0 | -1.5 | 6.8 | -4.2 | 0.0 | 0.5 | -12.4 | 6.5 |
| | Power | -5.3 | -14.6 | -15.5 | -7.7 | -6.1 | -0.7 | -1.6 | -0.3 | 7.3 | -4.7 | -1.2 | 1.8 | -16.5 | 4.2 |
| | Lighting & Power Total | -5.1 | -14.8 | -14.1 | -6.8 | -7.5 | -2.4 | -2.9 | -1.4 | 6.8 | -4.2 | -0.1 | 0.7 | -13.0 | 6.2 |
| Eligible Customers' Use | Commercial Power | -8.4 | -14.0 | -14.9 | -10.7 | -7.9 | -5.5 | -4.2 | -2.7 | 3.7 | 5.3 | 3.8 | 0.7 | -3.3 | 4.4 |
| | Industrial Power | -3.3 | -5.8 | -6.3 | -3.5 | -2.2 | -3.5 | -4.5 | -0.7 | 6.5 | 5.5 | 2.5 | -1.3 | -2.2 | -0.8 |
| | Eligible Customers' Use Total | -5.2 | -9.1 | -9.7 | -6.1 | -4.2 | -4.2 | -4.4 | -1.5 | 5.5 | 5.4 | 2.9 | -0.6 | -2.6 | 1.2 |
| Total Electricity Sales | | -5.1 | -11.3 | -11.4 | -6.3 | -5.4 | -3.5 | -3.7 | -1.4 | 6.1 | 1.4 | 1.8 | -0.2 | -6.3 | 3.0 |

Demand Change by Company and Use (% change on year)

| 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 | -3.7 | 3.6 | 9.1 | 5.9 | 6.5 | 9.1 | 6.9 | 6.0 | 1.9 | 6.7 | -4.2 | 6.5 |
| | Power | -6.6 | 2.1 | 9.8 | 4.1 | 3.6 | 6.8 | 2.3 | 2.2 | -2.6 | 4.3 | 2.7 | 4.2 |
| | Lighting & Power Total | -4.1 | 3.4 | 9.2 | 5.6 | 6.0 | 8.8 | 6.2 | 5.3 | 1.1 | 6.3 | -0.5 | 6.2 |
| Eligible Customers' Use | Commercial Power | -4.2 | 9.5 | 9.2 | 2.6 | 5.4 | 1.6 | 1.8 | -1.5 | -1.0 | 4.4 | 4.8 | 4.4 |
| | Industrial Power | -5.7 | 4.4 | 2.9 | -0.6 | -5.9 | -5.2 | -3.2 | -6.2 | -2.1 | -0.8 | -0.5 | -0.8 |
| | Sub-total | -4.9 | 6.1 | 5.7 | 0.3 | -2.5 | -2.5 | -1.6 | -4.2 | -1.6 | 1.2 | 2.4 | 1.2 |
| Total Electricity Sales | | -4.6 | 5.2 | 7.0 | 2.0 | 0.1 | 1.7 | 1.0 | -0.5 | -0.5 | 3.0 | -0.1 | 3.0 |
| (Large Industry) | | -8.2 | 4.9 | 2.4 | -0.8 | -7.0 | -6.3 | -3.9 | -7.4 | -2.1 | -1.4 | -2.0 | -1.4 |

(Reference) Large Industry Demand Change by Sector

| By Sector | | By Month | | Year-on-year Change (%) | | | | | | | | | | | |
|----------------------|--|----------|-----------|-------------------------|------|------|------|-----------|-------|------|------|------|-------|------|------|
| | | FY2011 | Aug. 2011 | Sep. | Oct. | Nov. | Dec. | Jan. 2012 | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. |
| Textiles | | -3.5 | -3.6 | -7.3 | -5.1 | 1.1 | -7.4 | -10.4 | -4.7 | -8.6 | -3.8 | -2.8 | -10.2 | -8.7 | -8.5 |
| Paper & Pulp | | -6.6 | -15.1 | -10.9 | -3.3 | -2.0 | -8.0 | -7.5 | -10.6 | -6.2 | -3.5 | -2.9 | -6.8 | -9.6 | -7.8 |
| Chemicals | | -3.3 | -5.6 | -6.4 | -3.2 | -2.1 | -7.6 | -7.9 | -5.6 | 5.8 | 4.7 | -4.9 | -7.3 | -4.1 | -1.6 |
| Ceramics | | -0.6 | -0.7 | -0.9 | -1.1 | -2.3 | -1.6 | -4.2 | 0.0 | 1.7 | 3.3 | 0.6 | -1.6 | -2.7 | -4.4 |
| Steel | | 0.3 | 1.3 | 0.6 | -0.8 | 1.3 | -1.4 | -4.1 | 2.7 | 10.1 | 11.9 | 5.9 | 4.7 | 2.6 | -0.1 |
| Non-Ferrous Metals | | -2.2 | -2.7 | -1.9 | -4.1 | -4.2 | -3.8 | -7.5 | -2.0 | 17.9 | 14.2 | 3.8 | 2.6 | -4.3 | -8.1 |
| Machinery | | -3.9 | -6.4 | -6.4 | -2.2 | -2.7 | -4.1 | -5.3 | -0.4 | 9.8 | 8.3 | 4.5 | -3.0 | -2.1 | -2.6 |
| Large Industry Total | | -3.2 | -5.8 | -5.6 | -3.2 | -2.3 | -3.8 | -5.2 | -0.7 | 6.8 | 5.8 | 1.9 | -2.0 | -1.7 | -1.4 |

Lighting & Power Demand Volume and Change by Company and Use (August 2012)

FEPC

1) Sales Volume and Change

| By Company | | Hokkaido | Tohoku | Tokyo | Chubu | Hokuriku | Kansai | Chugoku | Shikoku | Kyushu | 9-Co. Total | Okinawa | 10-Co. Total |
|--------------------------|-------------------------|-----------|-----------|------------|------------|-----------|------------|-----------|-----------|-----------|-------------|---------|--------------|
| Sales Volume (MWh) | Lighting | 816,907 | 1,822,145 | 8,361,079 | 3,025,256 | 666,920 | 4,640,214 | 1,594,247 | 854,053 | 2,707,243 | 24,488,064 | 295,201 | 24,783,265 |
| | <Residential Lighting> | 538,675 | 1,247,756 | 6,045,965 | 1,970,467 | 341,354 | 3,221,133 | 986,428 | 563,761 | 1,734,320 | 16,649,859 | 260,579 | 16,910,438 |
| | Power | 126,795 | 350,620 | 1,210,237 | 614,488 | 138,133 | 727,151 | 258,985 | 183,992 | 611,434 | 4,221,835 | 371,711 | 4,593,546 |
| | <Low Voltage> | 111,348 | 284,744 | 1,047,584 | 526,445 | 120,766 | 671,995 | 227,667 | 149,785 | 558,104 | 3,698,438 | 57,116 | 3,755,554 |
| | Lighting & Power Total | 943,702 | 2,172,765 | 9,571,317 | 3,639,744 | 805,053 | 5,367,365 | 1,853,232 | 1,038,045 | 3,318,677 | 28,709,900 | 666,912 | 29,376,812 |
| | Eligible Customers' Use | 1,408,318 | 4,310,130 | 15,157,037 | 7,761,046 | 1,669,027 | 8,148,321 | 3,480,979 | 1,508,312 | 4,657,641 | 48,100,811 | 115,187 | 48,215,998 |
| | <Commercial Power> | 704,238 | 1,443,688 | 6,898,217 | 2,252,802 | 542,896 | 3,354,880 | 1,153,844 | 658,859 | 2,002,642 | 19,012,066 | 64,290 | 19,076,356 |
| | <Industrial Power> | 704,080 | 2,866,442 | 8,258,820 | 5,508,244 | 1,126,131 | 4,793,441 | 2,327,135 | 849,453 | 2,654,999 | 29,088,745 | 50,897 | 29,139,642 |
| | Total Electricity Sales | 2,352,020 | 6,482,895 | 24,728,354 | 11,400,790 | 2,474,080 | 13,515,686 | 5,334,211 | 2,546,357 | 7,976,318 | 76,810,711 | 782,099 | 77,592,810 |
| Yea-on-year Basis (%) | Lighting | 96.3 | 103.6 | 109.1 | 105.9 | 106.5 | 109.1 | 106.9 | 106.0 | 101.9 | 106.7 | 95.8 | 106.5 |
| | Power | 93.4 | 102.1 | 109.8 | 104.1 | 103.6 | 106.8 | 102.3 | 102.2 | 97.4 | 104.3 | 102.7 | 104.2 |
| | <Low Voltage> | 92.5 | 102.5 | 109.6 | 104.5 | 104.2 | 107.1 | 103.3 | 102.5 | 98.2 | 104.6 | 93.7 | 104.4 |
| | Lighting & Power Total | 95.9 | 103.4 | 109.2 | 105.6 | 106.0 | 108.8 | 106.2 | 105.3 | 101.1 | 106.3 | 99.5 | 106.2 |
| | Eligible Customers' Use | 95.1 | 106.1 | 105.8 | 100.3 | 97.5 | 97.5 | 98.4 | 95.8 | 98.4 | 101.2 | 102.4 | 101.2 |
| | <Commercial Power> | 95.8 | 109.5 | 109.2 | 102.6 | 105.4 | 101.6 | 101.8 | 98.5 | 99.0 | 104.4 | 104.8 | 104.4 |
| | <Industrial Power> | 94.3 | 104.4 | 103.1 | 99.4 | 94.1 | 94.8 | 96.8 | 93.8 | 97.9 | 99.2 | 99.5 | 99.2 |
| | Total Electricity Sales | 95.4 | 105.2 | 107.1 | 102.0 | 100.1 | 101.7 | 101.0 | 99.5 | 99.5 | 103.1 | 99.9 | 103.0 |

2) Contracted Electricity Volume (kW) & Number of Contracts

| By Company | | Hokkaido | Tohoku | Tokyo | Chubu | Hokuriku | Kansai | Chugoku | Shikoku | Kyushu | 9-Co. Total | Okinawa | 10-Co. Total |
|---|---|-----------|-----------|------------|------------|-----------|------------|-----------|-----------|-----------|-------------|-----------|--------------|
| Contracted Electricity & Number of Contracts | Residential Lighting (Number of Contracts) | 2,518,480 | 4,679,218 | 20,002,600 | 6,411,624 | 1,024,918 | 9,055,643 | 3,196,985 | 1,757,355 | 5,451,345 | 54,098,168 | 671,424 | 54,769,592 |
| | Power Total (kW) | 1,654,931 | 4,826,285 | 14,644,790 | 7,919,781 | 1,640,422 | 7,697,712 | 3,113,921 | 2,320,147 | 6,452,144 | 50,270,133 | 1,427,300 | 51,697,433 |
| | <Low Voltage (kW)> | 1,397,168 | 3,945,029 | 12,590,705 | 6,013,271 | 1,363,936 | 6,697,498 | 2,498,567 | 1,673,639 | 5,153,635 | 41,333,448 | 424,571 | 41,758,019 |
| | Lighting & Power Total (Number of Contracts) | 3,805,190 | 7,612,150 | 28,897,586 | 10,495,979 | 2,088,378 | 13,610,246 | 5,232,319 | 2,862,206 | 8,586,101 | 83,190,155 | 853,914 | 84,044,069 |

Remarks : 1. Figures in < > indicate breakdown.
2. Figures may not add up due to rounding

Demand Volume and Change by Large Industry Sector (August 2012)

FEPC

Sales Volume and Change

| By Sector | | By Company | | Hokkaido | Tohoku | Tokyo | Chubu | Hokuriku | Kansai | Chugoku | Shikoku | Kyushu | 9-Co. Total | Okinawa | 10-Co. Total |
|--------------------------|------------------------------|---------------|--------------------|-----------|-----------|-----------|-----------|-----------|---------|-----------|------------|-----------|-------------|-----------|--------------|
| | | Mining | Manufacturing | | | | | | | | | | | | |
| Sales Volume (MWh) | Mining & Manufacturing | Mining | | 6,851 | 10,448 | 11,711 | 3,232 | 0 | 7,381 | 11,272 | 4,077 | 12,957 | 67,929 | 429 | 68,358 |
| | | Manufacturing | Foodstuffs | 109,541 | 146,267 | 553,057 | 263,525 | 21,087 | 238,778 | 101,278 | 47,719 | 221,689 | 1,702,941 | 10,359 | 1,713,300 |
| | | | Textiles | | 4,460 | 25,465 | 84,500 | 84,038 | 52,206 | 36,608 | 28,091 | 21,812 | 337,180 | 0 | 337,180 |
| | | | Paper & Pulp | 50,402 | 64,181 | 167,135 | 123,315 | 22,710 | 60,244 | 38,221 | 93,861 | 30,952 | 651,021 | 470 | 651,491 |
| | | | Chemical | 21,182 | 165,444 | 752,878 | 244,992 | 112,218 | 410,496 | 222,271 | 98,099 | 213,198 | 2,240,778 | 1,413 | 2,242,191 |
| | | | Oil/Coal | 4,607 | 1,363 | 38,863 | 14,684 | 407 | 33,251 | 38,770 | 36,770 | 6,512 | 175,227 | 3,657 | 178,884 |
| | | | Rubber Products | | 25,767 | 50,231 | 57,700 | 1,721 | 27,272 | 25,788 | 4,869 | 42,723 | 236,071 | 0 | 236,071 |
| | | | Ceramics | 4,366 | 65,350 | 181,019 | 206,334 | 25,596 | 262,627 | 61,570 | 1,629 | 67,733 | 876,224 | 4,540 | 880,764 |
| | | | Steel | 56,746 | 231,348 | 615,004 | 484,362 | 57,776 | 609,055 | 498,696 | 53,973 | 203,768 | 2,810,728 | 8,240 | 2,818,968 |
| | | | Non-Ferrous Metals | 11,566 | 279,837 | 282,460 | 103,924 | 68,688 | 169,325 | 129,967 | | 167,484 | 1,213,251 | 583 | 1,213,834 |
| | | | Machinery | 53,746 | 634,131 | 1,357,604 | 1,796,604 | 281,451 | 750,697 | 416,041 | 159,306 | 606,349 | 6,055,929 | 0 | 6,055,929 |
| | | | Others | 34,251 | 176,602 | 820,823 | 454,254 | 133,734 | 400,520 | 104,590 | 54,915 | 148,689 | 2,328,378 | 2,144 | 2,330,522 |
| | Manufacturing Total | 346,407 | 1,794,750 | 4,844,540 | 3,834,194 | 809,426 | 3,014,471 | 1,673,800 | 579,232 | 1,730,909 | 18,627,729 | 31,406 | 18,659,135 | | |
| | Mining & Manufacturing Total | 353,258 | 1,805,198 | 4,856,251 | 3,837,426 | 809,426 | 3,021,852 | 1,685,072 | 583,309 | 1,743,866 | 18,695,658 | 31,835 | 18,727,493 | | |
| | Others | Railways | 27,205 | 115,695 | 568,463 | 232,613 | 20,136 | 419,680 | 110,000 | 8,916 | 102,364 | 1,605,072 | 802 | 1,605,874 | |
| Other than Railways | | 52,164 | 192,820 | 1,175,074 | 304,539 | 56,298 | 399,718 | 121,689 | 46,014 | 214,525 | 2,562,841 | 43,627 | 2,606,468 | | |
| Others Total | | 79,369 | 308,515 | 1,743,537 | 537,152 | 76,434 | 819,398 | 231,689 | 54,930 | 316,889 | 4,167,913 | 44,429 | 4,212,342 | | |
| Total | | 432,627 | 2,113,713 | 6,599,788 | 4,374,578 | 885,860 | 3,841,250 | 1,916,761 | 638,239 | 2,060,755 | 22,863,571 | 76,264 | 22,939,835 | | |

Remarks: 1. Figures may not add up due to rounding.

Demand Volume and Change by Large Industry Sector (August 2012)

FEPC

Sales Volume and Change

| By Sector | | By Company | | | | | | | | | | | 9-Co. Total | Okinawa | 10-Co. Total |
|------------------------|------------------------------|---------------|--------------------|-------|-------|----------|--------|---------|---------|--------|-------|-------|-------------|---------|--------------|
| | | Hokkaido | Tohoku | Tokyo | Chubu | Hokuriku | Kansai | Chugoku | Shikoku | Kyushu | | | | | |
| Year-on-year Basis (%) | Mining & Manufacturing | Mining | 104.9 | 131.2 | 93.7 | 80.7 | 0.0 | 99.3 | 96.9 | 104.1 | 96.3 | 100.7 | 113.8 | 100.8 | |
| | | Manufacturing | Foodstuffs | 102.0 | 112.5 | 106.6 | 101.1 | 98.6 | 96.7 | 100.4 | 96.9 | 99.7 | 102.7 | 91.2 | 102.6 |
| | | | Textiles | | 95.3 | 108.6 | 91.5 | 89.1 | 91.6 | 91.8 | 92.2 | 82.7 | 91.5 | 0.0 | 91.5 |
| | | | Paper & Pulp | 73.0 | 102.0 | 98.4 | 104.6 | 92.8 | 96.6 | 94.6 | 83.5 | 99.9 | 94.3 | 91.0 | 94.3 |
| | | | Chemical | 93.8 | 94.7 | 100.5 | 104.7 | 102.6 | 95.6 | 90.8 | 100.5 | 98.7 | 98.4 | 98.6 | 98.4 |
| | | | Oil/Coal | | 114.7 | 101.2 | 132.6 | 96.4 | 99.1 | 87.7 | 100.3 | 75.1 | 100.6 | 113.4 | 100.8 |
| | | | Rubber Products | | 102.6 | 95.6 | 91.2 | 102.3 | 89.2 | 95.8 | 96.4 | 93.4 | 94.1 | 0.0 | 94.1 |
| | | | Ceramics | 57.6 | 137.7 | 95.9 | 97.7 | 84.7 | 95.6 | 75.1 | 101.9 | 92.1 | 95.6 | 95.0 | 95.6 |
| | | | Steel | 82.2 | 133.0 | 112.3 | 92.6 | 87.0 | 92.5 | 97.8 | 78.1 | 104.2 | 99.9 | 95.3 | 99.9 |
| | | | Non-Ferrous Metals | 90.0 | 95.4 | 87.3 | 87.5 | 101.7 | 84.8 | 97.6 | | 97.5 | 91.9 | 114.1 | 91.9 |
| | | | Machinery | 95.9 | 98.5 | 99.0 | 101.6 | 87.1 | 88.9 | 99.7 | 94.3 | 97.4 | 97.4 | 0.0 | 97.4 |
| | | | Others | 95.0 | 103.8 | 102.1 | 97.0 | 101.3 | 93.1 | 95.3 | 92.3 | 94.8 | 98.4 | 81.6 | 98.3 |
| | Manufacturing Total | 91.0 | 103.9 | 101.2 | 99.1 | 92.9 | 92.3 | 95.7 | 91.8 | 97.8 | 97.8 | 94.9 | 97.8 | | |
| | Mining & Manufacturing Total | 91.3 | 104.0 | 101.2 | 99.1 | 92.9 | 92.3 | 95.7 | 91.9 | 97.8 | 97.8 | 95.1 | 97.8 | | |
| | Others | Railways | 95.1 | 109.1 | 110.7 | 97.6 | 98.9 | 97.9 | 99.6 | 99.7 | 99.9 | 103.1 | 99.2 | 103.1 | |
| Other than Railways | | 94.2 | 111.0 | 105.5 | 101.4 | 92.5 | 100.9 | 98.4 | 101.0 | 97.7 | 103.0 | 100.3 | 102.9 | | |
| Others Total | | 94.5 | 110.3 | 107.2 | 99.7 | 94.1 | 99.3 | 99.0 | 100.8 | 98.4 | 103.0 | 100.2 | 103.0 | | |
| Total | | 91.8 | 104.9 | 102.7 | 99.2 | 93.0 | 93.7 | 96.1 | 92.6 | 97.9 | 98.7 | 98.0 | 98.7 | | |

Remarks: 1. Figures may not add up due to rounding.