

Electricity Demand in the Second Half of Fiscal 2009 (Confirmed Report)

Demand Overview (Total Sales of 10 Power Companies)

Electricity demand in the second half of fiscal 2009, measured in terms of the total electricity sales of the 10 power utilities, was up for the first time in three half terms, increasing by 1.1% from the last year to 437.4 billion kWh.

- **Lighting Demand (up 1.0% on the year, 152.37 billion kWh in total)**
- **Commercial Demand (down 1.1% on the year, 97.47 billion kWh in total)**

Outside the liberalized segment, lighting demand rose by 1.0% due principally to increased demand for heating caused by generally lower temperatures from December to March compared with the last year.

Commercial demand in the liberalized segment declined by 1.1%.

(Reference)

- **Large Industrial Demand (up 4.1% on the year, 132.29 billion kWh in total)**

Large industrial demand was up for the first time in three half terms, increasing 4.1%. This was due mainly to the year-on-year increase in all major sectors except for textiles and paper & pulp.

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 | 2.4 | 2.3 | 1.7 | -0.3 | 3.1 | -0.1 | 0.4 | 0.3 | 0.3 | 1.0 | 0.1 | 1.0 |
| | Power | 6.6 | 3.2 | -2.0 | -3.9 | 1.2 | -3.5 | -3.8 | -0.2 | -2.9 | -1.6 | -1.5 | -1.6 |
| | Lighting & Power Total | 3.1 | 2.4 | 1.3 | -0.8 | 2.8 | -0.4 | -0.1 | -0.2 | -0.2 | 0.7 | -0.7 | 0.6 |
| Eligible Customers' Use | Commercial Power | -0.2 | -0.3 | -1.0 | -0.8 | 1.3 | -0.8 | -5.7 | 0.5 | -2.0 | -1.1 | 1.1 | -1.1 |
| | Industrial Power | -1.6 | 4.0 | 1.0 | 3.8 | 5.5 | 4.1 | 6.4 | -1.6 | 1.9 | 2.8 | 2.2 | 2.8 |
| | Sub-total | -0.9 | 2.6 | 0.1 | 2.5 | 4.3 | 2.2 | 2.6 | -0.8 | 0.3 | 1.3 | 1.7 | 1.3 |
| Total Electricity Sales | | 1.0 | 2.5 | 0.6 | 1.3 | 3.8 | 1.1 | 1.5 | -0.5 | 0.1 | 1.1 | -0.4 | 1.1 |
| (Large Industry) | | 0.5 | 5.5 | 1.7 | 5.2 | 6.4 | 5.9 | 8.4 | -1.4 | 2.6 | 4.1 | 1.9 | 4.1 |

Demand Change by Use

(Units: 100 GWh, %)

| By Use \ By Period | | This Period | | Prev. 3 Periods | | | | | |
|------------------------------------|-------------------------------|--------------------|------|--------------------|-------|--------------------|-------|--------------------|------|
| | | 2nd Half of FY2009 | | 1st Half of FY2009 | | 2nd Half of FY2008 | | 1st Half of FY2008 | |
| Other than Eligible Customers' Use | Lighting Total | 1,523.7 | 1.0 | 1,326.0 | -1.3 | 1,508.9 | -2.3 | 1,344.0 | -0.6 |
| | Power | 223.1 | -1.6 | 228.7 | -5.1 | 226.6 | -7.2 | 240.9 | -4.9 |
| | Lighting & Power Total | 1,746.7 | 0.6 | 1,554.6 | -1.9 | 1,735.5 | -3.0 | 1,584.9 | -1.3 |
| Eligible Customers' Use | Commercial Power | 974.7 | -1.1 | 1,042.2 | -1.6 | 985.9 | -1.2 | 1,059.7 | -0.1 |
| | Industrial Power | 1,652.2 | 2.8 | 1,614.6 | -15.8 | 1,606.8 | -13.5 | 1,916.7 | 1.7 |
| | Eligible Customers' Use Total | 2,627.0 | 1.3 | 2,656.8 | -10.7 | 2,592.6 | -9.2 | 2,976.3 | 1.0 |
| Total Electricity Sales | | 4,373.7 | 1.1 | 4,211.5 | -7.7 | 4,328.1 | -6.8 | 4,561.2 | 0.2 |

(Reference) Large Industry Demand Change by Sector

(Units: 100 GWh, %)

| By Sector \ By Period | | This Period | | Prev. 3 Periods | | | | | |
|-----------------------|--|--------------------|------|--------------------|-------|--------------------|-------|--------------------|------|
| | | 2nd Half of FY2009 | | 1st Half of FY2009 | | 2nd Half of FY2008 | | 1st Half of FY2008 | |
| Textiles | | 20.3 | -2.8 | 19.5 | -24.4 | 12.6 | -18.4 | 15.2 | -6.4 |
| Paper & Pulp | | 46.6 | -1.1 | 47.4 | -17.2 | 47.9 | -13.6 | 58.1 | 6.5 |
| Chemicals | | 134.4 | 8.4 | 0.0 | -16.4 | 132.1 | -16.9 | 161.5 | 4.9 |
| Ceramics | | 54.4 | 0.7 | 48.4 | -19.5 | 54.1 | -11.6 | 60.2 | 1.0 |
| Steel | | 160.0 | 8.6 | 136.6 | -33.8 | 147.3 | -26.5 | 206.3 | 5.3 |
| Non-Ferrous Metal | | 76.1 | 8.5 | 70.9 | -18.8 | 70.2 | -19.0 | 87.3 | 7.0 |
| Machinery | | 351.3 | 6.3 | 338.6 | -20.2 | 331.5 | -19.1 | 425.5 | 2.2 |
| Large Industry Total | | 1,322.9 | 4.1 | 1,285.8 | -16.8 | 1,271.2 | -14.6 | 1,544.5 | 2.7 |

Remarks: The latest revision of Japan Standard Industry Classification applied on April 1, 2008 was reflected to the definition of each industry sector for the figures in and after April 2009. The year-on-year basis in and after April 2009 are calculated after the adjustment of the results of the year-ago period according to the latest Japan Standard Industry Classification

Lighting & Power Demand Volume and Change by Company and Use (2nd Half of FY2009)

FEPC

Electricity Demand in the First Half of Fiscal 2009 (Confirmed Report)

| By Use \ By Company | | Hokkaido | Tohoku | Tokyo | Chubu | Hokuriku | Kansai | Chugoku | Shikoku | Kyushu | 9-Co. Total | Okinawa | 10-Co. Total |
|-------------------------|-------------------------|--------------------|------------|-------------|------------|------------|------------|------------|------------|------------|-------------|-----------|--------------|
| | | Sales Volume (MWh) | | | | | | | | | | | |
| Sales Volume (MWh) | Lighting | 6,545,424 | 13,927,178 | 51,362,451 | 18,621,798 | 4,495,647 | 25,679,794 | 10,028,515 | 5,021,309 | 15,309,204 | 150,991,320 | 1,376,863 | 152,368,183 |
| | <Residential Lighting> | 4,077,779 | 8,973,832 | 36,213,674 | 11,777,933 | 2,138,514 | 16,911,921 | 5,842,758 | 3,214,997 | 9,331,455 | 98,482,863 | 1,188,996 | 99,671,859 |
| | Power | 1,532,968 | 2,146,469 | 5,494,104 | 3,166,421 | 714,234 | 2,905,608 | 1,281,643 | 909,478 | 2,590,103 | 20,741,028 | 1,564,055 | 22,305,083 |
| | <Low Voltage> | 605,183 | 1,549,880 | 4,583,192 | 2,265,261 | 523,135 | 2,441,228 | 930,353 | 585,753 | 2,160,858 | 15,644,843 | 192,930 | 15,837,773 |
| | Lighting & Power Total | 8,078,392 | 16,073,647 | 56,856,555 | 21,788,219 | 5,209,881 | 28,585,402 | 11,310,158 | 5,930,787 | 17,899,307 | 171,732,348 | 2,940,918 | 174,673,266 |
| | Eligible Customers' Use | 8,725,497 | 25,429,412 | 85,016,484 | 40,898,789 | 9,099,514 | 42,629,440 | 18,674,378 | 7,934,228 | 23,753,099 | 262,160,841 | 536,344 | 262,697,185 |
| | <Commercial Power> | 4,380,199 | 8,315,212 | 36,915,808 | 11,114,010 | 2,576,234 | 16,036,550 | 5,402,390 | 3,012,282 | 9,482,977 | 97,235,662 | 237,092 | 97,472,754 |
| | <Industrial Power> | 4,345,298 | 17,114,200 | 48,100,675 | 29,784,779 | 6,523,280 | 26,592,890 | 13,271,988 | 4,921,946 | 14,270,122 | 164,925,178 | 299,252 | 165,224,430 |
| Total Electricity Sales | | 16,803,889 | 41,503,059 | 141,873,038 | 62,687,008 | 14,309,395 | 71,214,842 | 29,984,536 | 13,865,015 | 41,652,406 | 433,893,188 | 3,477,262 | 437,370,450 |
| Yea-on-year Basis (%) | Lighting | 102.4 | 102.3 | 101.7 | 99.7 | 103.1 | 99.9 | 100.4 | 100.3 | 100.3 | 101.0 | 100.1 | 101.0 |
| | Power | 106.6 | 103.2 | 98.0 | 96.1 | 101.2 | 96.5 | 96.2 | 96.9 | 97.1 | 98.4 | 98.5 | 98.4 |
| | <Low Voltage> | 98.7 | 100.8 | 98.3 | 96.7 | 100.1 | 96.8 | 96.7 | 98.1 | 97.3 | 97.9 | 94.0 | 97.9 |
| | Lighting & Power Total | 103.1 | 102.4 | 101.3 | 99.2 | 102.8 | 99.6 | 99.9 | 99.8 | 99.8 | 100.7 | 99.3 | 100.6 |
| | Eligible Customers' Use | 99.1 | 102.6 | 100.1 | 102.5 | 104.3 | 102.2 | 102.6 | 99.2 | 100.3 | 101.3 | 101.7 | 101.3 |
| | <Commercial Power> | 99.8 | 99.7 | 99.0 | 99.2 | 101.3 | 99.2 | 94.3 | 100.5 | 98.0 | 98.9 | 101.1 | 98.9 |
| | <Industrial Power> | 98.4 | 104.0 | 101.0 | 103.8 | 105.5 | 104.1 | 106.4 | 98.4 | 101.9 | 102.8 | 102.2 | 102.8 |
| | Total Electricity Sales | | 101.0 | 102.5 | 100.6 | 101.3 | 103.8 | 101.1 | 101.5 | 99.5 | 100.1 | 101.1 | 99.6 |

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

| By Use \ By Company | | Hokkaido | Tohoku | Tokyo | Chubu | Hokuriku | Kansai | Chugoku | Shikoku | Kyushu | 9-Co. Total | Okinawa | 10-Co. Total |
|--|--|--|------------|-------------|------------|------------|------------|------------|------------|------------|-------------|-----------|--------------|
| | | Contracted Electricity & Number of Contracts | | | | | | | | | | | |
| Contracted Electricity & Number of Contracts | Residential Lighting (Number of Contracts) | 15,208,779 | 28,699,697 | 120,088,981 | 38,976,896 | 6,433,762 | 54,905,938 | 19,728,920 | 10,902,513 | 33,407,122 | 328,352,608 | 3,946,360 | 332,298,968 |
| | Power Total (kW) | 14,734,301 | 31,477,593 | 90,565,488 | 50,372,382 | 10,926,027 | 48,252,264 | 19,758,906 | 14,339,952 | 38,875,601 | 319,302,514 | 8,376,098 | 327,678,612 |
| | <Low Voltage (kW)> | 8,765,027 | 25,326,663 | 79,835,519 | 38,263,758 | 8,620,772 | 42,425,068 | 15,859,814 | 10,503,815 | 31,770,748 | 261,371,184 | 2,601,156 | 263,972,340 |
| | Lighting & Power Total (Number of Contracts) | 23,367,901 | 45,968,262 | 171,533,714 | 62,670,999 | 12,506,131 | 80,903,815 | 31,206,214 | 17,000,086 | 50,674,454 | 495,831,576 | 4,984,869 | 500,816,445 |

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

Demand Volume and Change by Large Industry Sector (2nd Half of FY2009)

FEPC

Electricity Demand in the First Half of Fiscal 2009 (Confirmed Report)

| By Sector | | By Company | | | | | | | | | | | 9-Co. Total | Okinawa | 10-Co. Total |
|--------------------------|------------------------------|---------------|--------------------|------------|------------|-----------|------------|------------|-----------|------------|-------------|------------|-------------|------------|--------------|
| | | Hokkaido | Tohoku | Tokyo | Chubu | Hokuriku | Kansai | Chugoku | Shikoku | Kyushu | | | | | |
| Sales Volume (MWh) | Mining & Manufacturing | Mining | 37,042 | 55,278 | 85,504 | 26,044 | 0 | 47,855 | 77,316 | 24,860 | 86,592 | 440,491 | 2,736 | 443,227 | |
| | | Manufacturing | Foodstuffs | 523,976 | 748,561 | 2,596,959 | 1,178,536 | 97,750 | 1,118,024 | 467,442 | 218,855 | 1,031,059 | 7,981,162 | 47,987 | 8,029,149 |
| | | | Textiles | 0 | 46,097 | 164,146 | 504,277 | 498,567 | 313,835 | 179,041 | 157,746 | 170,402 | 2,034,111 | 0 | 2,034,111 |
| | | | Paper & Pulp | 354,394 | 520,679 | 1,240,411 | 771,547 | 162,839 | 386,097 | 257,351 | 748,241 | 215,321 | 4,656,880 | 2,873 | 4,659,753 |
| | | | Chemical | 153,069 | 1,071,713 | 4,643,903 | 1,339,169 | 627,752 | 2,225,924 | 1,553,115 | 587,270 | 1,232,541 | 13,434,456 | 6,845 | 13,441,301 |
| | | | Oil/Coal | 0 | 9,142 | 232,817 | 48,190 | 3,387 | 138,599 | 200,078 | 195,807 | 59,418 | 887,438 | 22,722 | 910,160 |
| | | | Rubber Products | 275 | 154,373 | 349,125 | 337,359 | 9,600 | 157,131 | 144,952 | 27,996 | 247,140 | 1,427,951 | 0 | 1,427,951 |
| | | | Ceramics | 50,176 | 356,250 | 1,293,105 | 1,106,126 | 185,717 | 1,517,221 | 411,094 | 8,493 | 481,070 | 5,409,252 | 31,820 | 5,441,072 |
| | | | Steel | 372,740 | 1,309,776 | 3,432,424 | 2,695,957 | 341,544 | 3,632,697 | 2,701,588 | 451,963 | 1,000,758 | 15,939,447 | 61,676 | 16,001,123 |
| | | | Non-Ferrous Metals | 92,308 | 1,835,098 | 2,031,494 | 680,667 | 447,233 | 901,657 | 788,978 | | 831,689 | 7,609,124 | 2,808 | 7,611,932 |
| | | | Machinery | 321,873 | 3,962,597 | 8,604,603 | 9,618,462 | 1,664,656 | 4,483,987 | 2,370,064 | 819,072 | 3,282,426 | 35,127,740 | 0 | 35,127,740 |
| | | Others | 205,347 | 1,146,522 | 4,885,423 | 2,637,592 | 758,202 | 2,331,576 | 612,605 | 305,807 | 845,437 | 13,728,511 | 10,352 | 13,738,863 | |
| | Manufacturing Total | 2,074,158 | 11,160,808 | 29,474,410 | 20,917,882 | 4,797,247 | 17,206,748 | 9,686,308 | 3,521,250 | 9,397,261 | 108,236,072 | 187,083 | 108,423,155 | | |
| | Mining & Manufacturing Total | 2,111,200 | 11,216,086 | 29,559,915 | 20,943,926 | 4,797,247 | 17,254,603 | 9,763,624 | 3,546,110 | 9,483,853 | 108,676,564 | 189,819 | 108,866,383 | | |
| | Others | Railways | 189,320 | 722,188 | 3,133,458 | 1,345,197 | 134,849 | 2,298,965 | 629,582 | 51,148 | 520,651 | 9,025,358 | 4,195 | 9,029,553 | |
| Other than Railways | | 325,056 | 1,101,714 | 6,565,400 | 1,590,353 | 315,361 | 2,142,601 | 712,977 | 247,466 | 1,162,280 | 14,163,208 | 233,440 | 14,396,648 | | |
| Others Total | | 514,376 | 1,823,902 | 9,698,857 | 2,935,550 | 450,210 | 4,441,566 | 1,342,559 | 298,614 | 1,682,931 | 23,188,565 | 237,635 | 23,426,200 | | |
| Total | | 2,625,576 | 13,039,988 | 39,258,772 | 23,879,476 | 5,247,457 | 21,696,169 | 11,106,183 | 3,844,724 | 11,166,784 | 131,865,129 | 427,454 | 132,292,583 | | |

Remarks: Figures may not add up due to rounding.

The year-on-year basis in and after April 2009 are calculated after the adjustment of the results of the year-ago period according to the latest Japan Standard Industry Classification.

Demand Volume and Change by Large Industry Sector (2nd Half of FY2009)

FEPC

Electricity Demand in the First Half of Fiscal 2009 (Confirmed Report)

| 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 | 103.0 | 96.2 | 96.8 | 92.4 | 0.0 | 93.8 | 101.0 | 104.0 | 99.3 | 98.2 | 93.7 | 98.2 | |
| | | Manufacturing | Foodstuffs | 101.3 | 100.7 | 100.5 | 98.3 | 93.5 | 98.5 | 105.1 | 94.5 | 100.1 | 99.9 | 103.2 | 99.9 |
| | | | Textiles | 0.0 | 87.9 | 107.8 | 103.5 | 95.0 | 93.1 | 96.5 | 80.6 | 107.3 | 97.2 | 0.0 | 97.2 |
| | | | Paper & Pulp | 81.4 | 103.5 | 101.5 | 111.3 | 93.0 | 101.7 | 98.4 | 92.2 | 94.5 | 98.9 | 95.3 | 98.9 |
| | | | Chemical | 96.5 | 110.8 | 106.8 | 107.3 | 114.4 | 110.4 | 110.3 | 102.3 | 109.7 | 108.4 | 94.9 | 108.4 |
| | | | Oil/Coal | 0.0 | 88.6 | 102.6 | 144.8 | 16.0 | 104.2 | 145.8 | 90.3 | 177.0 | 109.2 | 102.2 | 109.0 |
| | | | Rubber Products | 66.9 | 109.6 | 103.3 | 101.7 | 106.5 | 102.5 | 105.9 | 109.8 | 110.1 | 105.0 | 0.0 | 105.0 |
| | | | Ceramics | 206.5 | 93.3 | 94.9 | 86.3 | 108.2 | 122.6 | 123.0 | 91.4 | 84.8 | 100.7 | 93.9 | 100.7 |
| | | | Steel | 102.3 | 113.0 | 103.6 | 117.2 | 103.5 | 108.4 | 114.6 | 101.6 | 96.0 | 108.7 | 90.6 | 108.6 |
| | | | Non-Ferrous Metals | 153.9 | 111.9 | 106.1 | 115.0 | 110.5 | 98.2 | 104.3 | | 114.3 | 108.5 | 88.4 | 108.5 |
| | | | Machinery | 111.5 | 105.3 | 104.2 | 106.2 | 113.4 | 110.5 | 107.2 | 104.4 | 103.8 | 106.3 | 0.0 | 106.3 |
| | | | Others | 99.5 | 101.7 | 100.4 | 106.4 | 103.9 | 105.4 | 104.3 | 109.7 | 102.4 | 103.1 | 102.0 | 103.1 |
| | Manufacturing Total | 100.9 | 106.4 | 103.1 | 106.2 | 106.9 | 108.0 | 109.8 | 98.6 | 103.0 | 105.3 | 96.3 | 105.3 | | |
| | Mining & Manufacturing Total | 100.9 | 106.4 | 103.1 | 106.1 | 106.9 | 108.0 | 109.7 | 98.6 | 103.0 | 105.3 | 96.3 | 105.3 | | |
| | Others | Railways | 100.4 | 100.8 | 93.7 | 98.2 | 99.1 | 99.6 | 99.0 | 97.9 | 99.5 | 97.3 | 98.7 | 97.3 | |
| Other than Railways | | 98.0 | 99.7 | 99.9 | 99.9 | 102.8 | 97.9 | 100.6 | 98.5 | 101.6 | 99.7 | 107.1 | 99.8 | | |
| Others Total | | 98.9 | 100.1 | 97.8 | 99.1 | 101.7 | 98.8 | 99.8 | 98.4 | 101.0 | 98.8 | 107.0 | 98.8 | | |
| Total | | 100.5 | 105.5 | 101.7 | 105.2 | 106.4 | 105.9 | 108.4 | 98.6 | 102.6 | 104.1 | 101.9 | 104.1 | | |

Remarks: Figures may not add up due to rounding.

The year-on-year basis in and after April 2009 are calculated after the adjustment of the results of the year-ago period according to the latest Japan Standard Industry Classification.