

October 31, 2012

Electricity Supply & Demand Report for the 1st half of FY2012

1. Electricity demand (See Table 1)

Electric power sold in the 1st half of FY2012 totaled 37,226 million kWh, which was 106.7% as compared with the same period of the previous year. Due to a rebound in sales after the impact of the Great East Japan Earthquake last year, sales of electricity exceeded the results of the previous year.

Electric power sold in the previous year was significantly decreased by the Great East Japan Earthquake, so for your information, the comparison of the year before last year is also shown in Table 1.

– Non-Specified Scale Demand (Excluding deregulated segment)

Due to a rebound in sales after the impact of the Great East Japan Earthquake, power demand in the lighting (residential) sector was 101.8% as compared with the same period of the previous year.

Non-specified scale demand in total was 101.8% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Due to a rebound in sales after the impact of the Great East Japan Earthquake, electric power sold for commercial use was 110.1% year-on-year.

Overall power demand in the specified-scale sectors totaled 109.5% of the same period of the previous year.

In the industrial and other sectors, power demand mostly came from large-scale industrial customers, as described in the reference below.

[Reference]

– Large-scale industrial demand

Large-scale industrial demand in total was 109.8% year-on-year because of a rebound in sales after the impact of the Great East Japan Earthquake.

2. Electricity supply (See Table 2)

Electricity generated and purchased in the 1st half of FY2012 totaled 40,323 million kWh, 106.8% as compared with the same period of the previous year. Due to a rebound of last year when it significantly decreased by the Great East Japan Earthquake, it has exceeded the performance of the previous year.

Electricity generated and purchased in the previous year was significantly decreased by the Great East Japan Earthquake, so for your information, the comparison of the year before the last year is also shown in Table 2.

(Power generated by our own hydro power stations)

The flow rate was 91.9% during this period because of low rainfall.

Due to a lower flow rate, hydropower generation decreased 717 million kWh, year-on-year, to 3,522 million kWh.

(Power generated by our own thermal power stations)

Due to the increase of power demand, generated output increased 1,394 million kWh, year-on-year, to 23,222 million kWh.

(Power generated by our own nuclear power stations)

All units of Onagawa nuclear power station and unit 1 of Higashidori nuclear power station have been shut down because of regular inspection, so there was no nuclear power generation.

(Power generated by our own renewable power stations)

Since operation of geothermal power stations was different from that of the same period of the previous year, generated output increased 24 million kWh, year-over-year, to 497 million kWh.

(Power purchased)

Due to shutdown of power stations caused by the Great East Japan Earthquake last year, total power purchased from others increased 4,607 million kWh, year-on-year, to 13,056 million kWh.

(Table 1)

Power demand during the 1st half of FY2012

(Units: million kWh; %)

| Segments | | Actual kWh, Current period (A) | Actual kWh, Previous year (B) | Year-to-year percentage (A/B) | Planned kWh, Current period (C) | Actual over planned percentage (A/C) | Reference | |
|-------------------------------|---------------------------|--------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---|---|--|
| | | | | | | | Actual kWh, The year before last year (D) | The year before last year percentage (A/D) |
| Non-Specified Scale Demand | Lighting (Residential) | 10,976 | 10,785 | 101.8 | 10,892 | 100.8 | 12,169 | 90.2 |
| | Power | 1,858 | 1,818 | 102.2 | 1,761 | 105.5 | 2,118 | 87.7 |
| | Subtotal | 12,834 | 12,603 | 101.8 | 12,653 | 101.4 | 14,287 | 89.8 |
| Specified Scale Demand | Commercial | 7,580 | 6,886 | 110.1 | - | - | 8,648 | 87.7 |
| | Industrial and others | 16,812 | 15,397 | 109.2 | - | - | 18,161 | 92.6 |
| | Subtotal | 24,392 | 22,283 | 109.5 | 23,988 | 101.7 | 26,809 | 91.0 |
| Total power sold | | 37,226 | 34,886 | 106.7 | 36,641 | 101.6 | 41,096 | 90.6 |

(Reference)

Sold to large-scale industrial customers

(Units: million kWh; %)

| | Actual kWh, Current period (A) | Actual kWh, Previous year (B) | Year-to-year percentage (A/B) | Actual kWh, The year before last year (C) | The year before last year percentage (A/C) |
|-------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|--|---|
| Large-scale industrial customers | 12,694 | 11,562 | 109.8 | 13,785 | 92.1 |

Year-to-year percentage by sectors (%), Large-scale industrial customers

(The year before last year)

| | | | | | |
|--------------------------|------------------|----------------|-----------------|--------------------|-----------------|
| Foodstuffs | 108.2 (91.7) | Pulp and paper | 108.0 (81.7) | Chemicals | 97.8 (89.2) |
| Ceramics, stone and clay | 133.4 (111.2) | Steel | 157.6 (98.5) | Non-ferrous metals | 115.4 (95.9) |
| Machinery | 98.8 (88.3) | | | | |

(Table 2)

Overview of power supply during the 1st half of FY2012

(Units: million kWh; %)

(Units: million kWh, %)

| Segments | | | Actual kWh, | Actual kWh, | Difference | Year-to-year | Reference (The year before last year) | | |
|-----------------------------|---------------|--------------------------|-------------|-------------|------------|--------------|---------------------------------------|------------|------------|
| | | | Current | Previous | | | percentage | Actual kWh | Difference |
| | | | period | year | (A-B) | (A/B) | (C) | (A-C) | (A/C) |
| | | | (A) | (B) | | | | | |
| Power by our own plants | Hydroelectric | Natural inflow | 3,176 | 3,900 | (724) | 81.5 | 4,288 | (1,112) | 74.1 |
| | | Reservoir/pumped-storage | 346 | 339 | 7 | 102.0 | 346 | 0 | 100.1 |
| | | Subtotal | 3,522 | 4,239 | (717) | 83.1 | 4,634 | (1,112) | 76.0 |
| | Thermal | | 23,222 | 21,828 | 1,394 | 106.4 | 18,124 | 5,098 | 128.1 |
| | Nuclear | | 0 | 0 | 0 | - | 11,887 | (11,887) | 0.0 |
| | Renewable | | 497 | 473 | 24 | 104.8 | 451 | 46 | 109.9 |
| | Subtotal | | 27,241 | 26,540 | 701 | 102.6 | 35,096 | (7,855) | 77.6 |
| Power purchased from others | | | 13,056 | 8,449 | 4,607 | 154.5 | 11,696 | 1,360 | 111.6 |
| Interchange power | | | 79 | 2,953 | (2,874) | 2.7 | (2,410) | 2,489 | (3.3) |
| Pumping-up power | | | (53) | (185) | 132 | 28.1 | (77) | 24 | 67.8 |
| Total | | | 40,323 | 37,757 | 2,566 | 106.8 | 44,305 | (3,982) | 91.0 |
| Water flow rate | | | 91.9 | 106.0 | (14.1) | - | 103.0 | (11.1) | - |