

January 26, 2010

Electricity Supply & Demand Report for December 2009

1. Electricity demand (See Table 1)

Electric power sold in December totaled 6.795 billion kWh, which was 100.7% compared to the same period of the previous year. Sales by customer segment were as follows:

– Non-Specified Scale Demand (Excluding deregulated segment)

Power demand in the lighting sector was 99.4% compared to the same period of the previous year.

This was primarily because of the fact that higher temperature mainly in the last ten days of November, resulting in a lower demand for heating, in spite of the time span for meter reading was longer than the previous year.

Non-specified scale demand in total was 99.2% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Due to the economic slump and energy-saving, electric power sold for commercial use was 98.6% of the same period of the previous year.

Overall power demand in the specified-scale sectors totaled 101.7% 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 105.2% year-on-year, which exceeded the result of the previous year for the first time in fourteen months since October in 2008. This was because of a rebound from significant decrease in December of 2008 compared to the result of the previous year in addition to a recovery movement of production by some customers.

2. Electricity supply (See Table 2)

Electricity generated and purchased in December totaled 8.052 billion kWh, 103.2% compared to the same period of the previous year, or 99.1% compared to the plan for the month.

(Power generated by our own hydro power plants)

Due to low precipitation around the plant areas, there was a drought during this period with a low water flow rate of 86.0%. Hydropower generation totaled 603 million kWh, a decrease of 55 million kWh from the same period of the previous year.

(Power generated by our own thermal power plants)

Due to an increase of nuclear power generated, thermal power generated at our own plants totaled 3.886 billion kWh, a decrease of 47 million kWh from the same period of the previous year.

(Power generated by our own nuclear power plants)

Due to different operational conditions of the Nuclear Power Plants compared to the same period of the previous year, total power generation rose to 2.279 billion kWh, an increase of 840 million kWh from the same period of the previous year.

(Power purchased)

Due to different operational conditions of others, total power purchased from others dropped to 2.003 billion kWh, a decrease of 265 million kWh from the same period of the previous year.

(Table 1)

Power demand during December 2009

(Units: million kWh; %)

| Segments | | Actual kWh, Current month (A) | Actual kWh, Previous year (B) | Year-to-year percentage (A/B) | Planned kWh, Current month (C) | Actual over planned (A/C) |
|-------------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|---------------------------------|
| Non-Specified Scale Demand | Lighting | 2,252 | 2,265 | 99.4 | 2,275 | 99.0 |
| | Power | 306 | 315 | 97.5 | 314 | 97.6 |
| | Subtotal | 2,558 | 2,580 | 99.2 | 2,589 | 98.8 |
| Specified Scale Demand | Commercial | 1,372 | 1,391 | 98.6 | - | - |
| | Industrial and others | 2,865 | 2,776 | 103.2 | - | - |
| | Subtotal | 4,237 | 4,167 | 101.7 | 4,349 | 97.4 |
| Total power sold | | 6,795 | 6,747 | 100.7 | 6,938 | 97.9 |

(Reference)

Sold to large-scale industrial customers

(Units: million kWh; %)

| | Actual kWh, Current month (A) | Actual kWh, Previous year (B) | Year-to-year percentage (A/B) |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Large-scale industrial customers | 2,184 | 2,077 | 105.2 |

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

| | | | | | |
|--------------------------|-------|----------------|-------|--------------------|-------|
| Foodstuffs | 100.5 | Pulp and paper | 90.0 | Chemicals | 110.3 |
| Ceramics, stone and clay | 93.8 | Steel | 119.0 | Non-ferrous metals | 112.6 |
| Machinery | 105.4 | | | | |

(Table 2)

Overview of power supply during December 2009

(Units: million kWh; %)

| Segments | | | Actual kWh, Current month (A) | Actual kWh, Previous year (B) | Difference (A-B) | Year-to-year percentage (A/B) |
|-----------------------------|---------------|--------------------------|-------------------------------------|-------------------------------------|---------------------|-------------------------------------|
| Power by our own plants | Hydroelectric | Natural inflow | 579 | 636 | -57 | 91.1 |
| | | Reservoir/pumped-storage | 24 | 22 | 2 | 107.2 |
| | | Subtotal | 603 | 658 | -55 | 91.7 |
| | Thermal | | 3,886 | 3,933 | -47 | 98.8 |
| | Nuclear | | 2,279 | 1,439 | 840 | 158.3 |
| | Subtotal | | 6,768 | 6,030 | 738 | 112.2 |
| Power purchased from others | | | 2,003 | 2,268 | -265 | 88.4 |
| Interchange power | | | -719 | -492 | -227 | 146.3 |
| Pumping-up power | | | 0 | -6 | 6 | 0.0 |
| Total | | | 8,052 | 7,800 (8,123) | 252 | 103.2 (99.1) |
| Water flow rate | | | 86.0 | 96.2 | -10.2 | - |

(): Planned kWh, current month