

November 26, 2008

Electricity Supply & Demand Report for October 2008

1. Electricity demand (See Table 1)

Electric power sold in October totaled 6.58 billion kWh, which was 98.1% 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 95.1% compared to the corresponding period of the previous year. This was primarily because of the lower temperature in September than the previous year, resulting in a lower demand for air-conditioning.

Non-specified scale demand in total was 94.5% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Electric power sold for commercial use was 97.4% of the same period of the previous year. This was primarily because of the lower temperature in September than the previous year, resulting in a lower demand for air-conditioning.

Overall power demand in the specified-scale sectors totaled 99.9% 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

Industries, especially the non-ferrous metals industry, maintained a steady production level, in spite of adjustment of productivity in any sectors. As a result, large-scale industrial power sales totaled 102.7% of the corresponding period of the previous year, showing continued growth for the 47th consecutive month.

2. Electricity supply (See Table 2)

Electricity generated and purchased in October totaled 7.259 billion kWh, 101.0% compared to the same period of the previous year, or 99.7% 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 78.1%. But hydropower generation totaled 434 million kWh, an increase of 16 million kWh from the same period of the previous year, because of different operational conditions of hydropower plants compared to the same period of the previous year.

(Power generated by our own thermal power plants)

Thermal power generated at our own plants totaled 4.088 billion kWh, an increase of 89 million kWh from the same period of the previous year. This increase was primarily a decrease of purchased power.

(Power generated by our own nuclear power plants)

Due to different operational conditions of the Onagawa Nuclear Power Plant Unit No.2 and No.3 compared to the same period of the previous year, total power generation rose to 2.073 billion kWh, an increase of 661 million kWh from the corresponding period of the previous year.

(Power purchased)

Because other thermal power utilities provided lower availability this year, total power purchased from other utilities dropped to 1.598 billion kWh, a decrease of 328 million kWh from the same period of the previous year.

(Table 1)

Power demand during October 2008

(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	1,755	1,846	95.1	1,764	99.5
	Power	315	345	91.2	305	103.4
	Subtotal	2,070	2,191	94.5	2,069	100.0
Specified Scale Demand	Commercial	1,302	1,337	97.4	-	-
	Industrial and others	3,208	3,179	100.9	-	-
	Subtotal	4,510	4,516	99.9	4,477	100.7
Total power sold		6,580	6,707	98.1	6,546	100.5

(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	2,497	2,432	102.7

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

Foodstuffs	102.5	Pulp and paper	139.4	Chemicals	111.9
Ceramics, stone and clay	97.4	Steel	97.0	Non-ferrous metals	108.4
Machinery	98.6				

(Table 2)

Overview of power supply during October 2008

(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	406	386	20	104.9
		Reservoir/pumped-storage	28	32	-4	88.2
		Subtotal	434	418	16	103.6
	Thermal		4,088	3,999	89	102.3
	Nuclear		2,073	1,412	661	146.7
	Subtotal		6,595	5,829	766	113.1
Power purchased from others			1,598	1,926	-328	83.0
Interchange power			- 928	- 566	-362	163.9
Pumping-up power			- 6	- 5	-1	141.1
Total			7,259	7,184 (7,279)	75	101.0 (99.7)
Water flow rate			78.1	79.9	-1.8	-

(): Planned kWh, current month