

January 27, 2009

Electricity Supply & Demand Report for December 2008

1. Electricity demand (See Table 1)

Electric power sold in December totaled 6.747 billion kWh, which was 95.3% 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 105.8% compared to the corresponding period of the previous year. This was primarily because of the fact that the time span for meter reading was longer than in the previous year, in spite of higher temperature than the previous year, resulting in a lower demand for heating.

Non-specified scale demand in total was 105.0% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Electric power sold for commercial use was 98.8% of the same period of the previous year. This was primarily because of a lower demand for heating.

Overall power demand in the specified-scale sectors totaled 90.2% 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

Because of sudden changes in the world economic situation and reduction of output by stronger yen, large-scale industrial power sales totaled 84.1% of the corresponding period of the previous year. Power sales continued to drop for two months.

2. Electricity supply (See Table 2)

Electricity generated and purchased in December totaled 7.8 billion kWh, 93.6% compared to the same period of the previous year, or 92.6% 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 96.2%. But hydropower generation totaled 658 million kWh, an increase of 61 million kWh from the same period of the previous year, because there was ample this period compared to the same period of the previous year.

(Power generated by our own thermal power plants)

With a decrease of demand and an increase of hydro and nuclear power generation, thermal power generated at our own plants totaled 3.933 billion kWh, a decrease of 871 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 Onagawa Nuclear Power Plant Unit No.2 compared to the same period of the previous year, total power generation rose to 1.439 billion kWh, an increase of 58 million kWh from the corresponding period of the previous year.

(Power purchased)

Due to the increased purchase of electricity generated by hydro power, total power purchased from other utilities rose to 2.268 billion kWh, an increase of 25 million kWh from the same period of the previous year.

(Table 1)

Power demand during December 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	2,265	2,140	105.8	2,192	103.3
	Power	315	318	99.0	307	102.4
	Subtotal	2,580	2,458	105.0	2,499	103.2
Specified Scale Demand	Commercial	1,391	1,407	98.8	-	-
	Industrial and others	2,776	3,212	86.5	-	-
	Subtotal	4,167	4,619	90.2	4,626	90.1
Total power sold		6,747	7,077	95.3	7,125	94.7

(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	2,077	2,471	84.1

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

Foodstuffs	101.1	Pulp and paper	80.8	Chemicals	83.0
Ceramics, stone and clay	88.0	Steel	64.2	Non-ferrous metals	85.8
Machinery	80.3				

(Table 2)

Overview of power supply during December 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	636	579	57	109.8
		Reservoir/pumped-storage	22	18	4	129.7
		Subtotal	658	597	61	110.4
	Thermal		3,933	4,804	-871	81.8
	Nuclear		1,439	1,381	58	104.2
	Subtotal		6,030	6,782	-752	88.9
Power purchased from others			2,268	2,243	25	101.1
Interchange power			-492	-694	202	70.8
Pumping-up power			-6	-2	-4	531.4
Total			7,800	8,329 (8,426)	-529	93.6 (92.6)
Water flow rate			96.2	90.4	5.8	

(): Planned kWh, current month