

April 23, 2009

Electricity Supply & Demand Report for March 2009

1. Electricity demand (See Table 1)

Electric power sold in March totaled 6.595 billion kWh, which was 88.8% 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 99.8% compared to the corresponding period of the previous year. This was primarily because of an increase in all-electric housing, in spite of the fact that higher temperature than the previous year, resulting in a lower demand for heating.

Non-specified scale demand in total was 98.4% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Electric power sold for commercial use was 97.0% 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 83.1% 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 reduction of output by sudden changes in the world economic situation, large-scale industrial power sales totaled 74.2% of the corresponding period of the previous year. Power sales continued to drop for five months.

2. Electricity supply (See Table 2)

Electricity generated and purchased in March totaled 7.384 billion kWh, 92.8% compared to the same period of the previous year, or 89.8% compared to the plan for the month.

(Power generated by our own hydro power plants)

Due to an increase in snowmelt volume, the water flow rate of this period was 113.4%. Hydropower generation totaled 805 million kWh, an increase of 121 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)

Due to a decrease of nuclear power generated, thermal power generated at our own plants totaled 4.4 billion kWh, an increase of 208 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.3 compared to the same period of the previous year, total power generation dropped to 1.332 billion kWh, a decrease of 474 million kWh from the corresponding period of the previous year.

(Power purchased)

Due to a decrease in purchase of electricity generated by thermal power, total power purchased from others dropped to 1.585 billion kWh, a decrease of 636 million kWh from the same period of the previous year.

(Table 1)

Power demand during March 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	2,373	2,379	99.8	2,304	103.0
	Power	359	399	90.0	363	98.9
	Subtotal	2,732	2,778	98.4	2,667	102.5
Specified Scale Demand	Commercial	1,402	1,445	97.0	-	-
	Industrial and others	2,461	3,204	76.8	-	-
	Subtotal	3,863	4,649	83.1	4,667	82.8
Total power sold		6,595	7,427	88.8	7,334	89.9

(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	1,841	2,482	74.2

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

Foodstuffs	101.3	Pulp and paper	59.3	Chemicals	57.0
Ceramics, stone and clay	77.9	Steel	61.5	Non-ferrous metals	66.3
Machinery	72.3				

(Table 2)

Overview of power supply during March 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	761	651	110	117.0
		Reservoir/pumped-storage	44	33	11	129.7
		Subtotal	805	684	121	117.6
	Thermal		4,400	4,192	208	105.0
	Nuclear		1,332	1,806	-474	73.8
	Subtotal		6,537	6,682	-145	97.8
Power purchased from others			1,585	2,221	-636	71.4
Interchange power			-735	-932	197	79.0
Pumping-up power			-3	-10	7	27.1
Total			7,384	7,961 (8,220)	-577	92.8 (89.8)
Water flow rate			113.4	99.4	14.0	-

(): Planned kWh, current month