

February 24, 2009

Electricity Supply & Demand Report for January 2009

1. Electricity demand (See Table 1)

Electric power sold in January totaled 7.226 billion kWh, which was 89.5% 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 92.5% compared to the corresponding period of the previous year. This was primarily because of the fact that higher temperature than the previous year, resulting in a lower demand for heating, and the time span for meter reading was shorter than in the previous year. Non-specified scale demand in total was 92.0% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Electric power sold for commercial use was 99.1% 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 87.7% 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

Because of sudden changes in the world economic situation and reduction of output by stronger yen, large-scale industrial power sales totaled 79.2% of the corresponding period of the previous year. Power sales continued to drop for three months.

2. Electricity supply (See Table 2)

Electricity generated and purchased in January totaled 7.945 billion kWh, 91.7% compared to the same period of the previous year, or 91.6% compared to the plan for the month.

(Power generated by our own hydro power plants)

Efforts such as effective utilization of reservoirs resulted in a high-water flow rate of 102.0%. But hydropower generation totaled 584 million kWh, a decrease of 17 million kWh from the same period of the previous year, because there was a drought this period compared to the same period of the previous year.

(Power generated by our own thermal power plants)

With a decrease of demand, thermal power generated at our own plants totaled 4.293 billion kWh, a decrease of 770 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.1 and No.3 compared to the same period of the previous year, total power generation dropped to 1.439 billion kWh, a decrease of 433 million kWh from the corresponding period of the previous year.

(Power purchased)

Due to the increased purchase of electricity generated by thermal power, total power purchased from other utilities rose to 2.326 billion kWh, an increase of 55 million kWh from the same period of the previous year.

(Table 1)

Power demand during January 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	2,743	2,964	92.5	2,865	95.7
	Power	416	470	88.5	463	89.8
	Subtotal	3,159	3,434	92.0	3,328	94.9
Specified Scale Demand	Commercial	1,483	1,497	99.1	-	-
	Industrial and others	2,584	3,140	82.3	-	-
	Subtotal	4,067	4,637	87.7	4,678	86.9
Total power sold		7,226	8,071	89.5	8,006	90.3

(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	1,922	2,428	79.2

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

Foodstuffs	101.6	Pulp and paper	60.6	Chemicals	73.7
Ceramics, stone and clay	90.0	Steel	67.5	Non-ferrous metals	78.6
Machinery	74.2				

(Table 2)

Overview of power supply during January 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	555	573	-18	97.0
		Reservoir/pumped-storage	29	28	1	101.3
		Subtotal	584	601	-17	97.2
	Thermal		4,293	5,063	-770	84.8
	Nuclear		1,439	1,872	-433	76.9
	Subtotal		6,316	7,536	-1,220	83.8
Power purchased from others			2,326	2,271	55	102.5
Interchange power			-697	-1,137	440	61.3
Pumping-up power			0	-3	3	20.3
Total			7,945	8,667 (8,672)	-722	91.7 (91.6)
Water flow rate			102.0	109.0	-7.0	

(): Planned kWh, current month