

August 26, 2008

Electricity Supply & Demand Report for July 2008

1. Electricity demand (See Table 1)

Electric power sold in July totaled 6.704 billion kWh, which was 103.9% 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 the fact that the time span for meter reading was shorter than in the previous year, in spite of the higher temperature in July than the previous year, resulting in a higher demand for air-conditioning.

Non-specified scale demand in total was 99.9% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Electric power sold for commercial use was 102.9% of the same period of the previous year. This was primarily because of the higher temperature in July than previous year, resulting in a higher demand for air-conditioning.

Overall power demand in the specified-scale sectors totaled 105.6% 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. As a result, large-scale industrial power sales totaled 108.8% of the corresponding period of the previous year, showing continued growth for the 44th consecutive month.

2. Electricity supply (See Table 2)

Electricity generated and purchased in July totaled 7.919 billion kWh, 107.2% compared to the same period of the previous year, or 100.1% compared to the plan for the month.

(Power generated by our own hydroelectric power plants)

Due to low precipitation around the plant areas, there was a drought during this period with a low water flow rate of 75.4%. Hydropower generation totaled 609 million kWh, a sharp decrease of 226 million kWh from the same period of the previous year.

(Power generated by our own thermal power plants)

With an increase of demand and a drop in both hydroelectric and nuclear power generation, thermal power generated at our own plants totaled 4.382 billion kWh, an increase of 630 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 the Higashidori Nuclear Power Plant Unit No.1 as compared to the previous year, total power generation dropped to 1.587 billion kWh, a decrease of 175 million kWh from the corresponding period of the previous year.

(Power purchased)

Due to the increased purchased of electricity generated by thermal, total power purchased from other utilities rose to 2.208 billion kWh, an increase of 375 million kWh over the same period of the previous year.

(Table 1)

Power demand during July 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	1,588	1,591	99.8	1,609	98.7
	Power	312	310	100.6	304	102.4
	Subtotal	1,900	1,901	99.9	1,913	99.3
Specified Scale Demand	Commercial	1,439	1,398	102.9	-	-
	Industrial and others	3,365	3,152	106.8	-	-
	Subtotal	4,804	4,550	105.6	4,634	103.7
Total power sold		6,704	6,451	103.9	6,547	102.4

(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	2,617	2,406	108.8

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

Foodstuffs	106.9	Pulp and paper	94.4	Chemicals	118.4
Ceramics, stone and clay	99.3	Steel	108.4	Non-ferrous metals	128.7
Machinery	106.6				

(Table 2)

Overview of power supply during July 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	559	772	-213	72.4
		Reservoir/pumped-storage	50	63	- 13	80.2
		Subtotal	609	835	- 226	73.0
	Thermal		4,382	3,752	630	116.8
	Nuclear		1,587	1,762	- 175	90.1
	Subtotal		6,578	6,349	229	103.6
Power purchased from others			2,208	1,833	375	120.4
Interchange power			- 858	- 792	-66	108.2
Pumping-up power			- 9	- 4	-5	200.2
Total			7,919	7,386 (7,909)	533	107.2 (100.1)
Water flow rate			75.4	110.4	- 35.0	-

(): Planned kWh, current month