

August 25, 2009

Electricity Supply & Demand Report for July 2009

1. Electricity demand (See Table 1)

Electric power sold in July totaled 6.167 billion kWh, which was 92.0% 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 101.5% compared to the same period of the previous year. This was primarily because of the higher temperature in the last ten days of June than the same period of the previous year, resulting in a higher demand for air-conditioning.

Non-specified scale demand in total was 100.7% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Electric power sold for commercial use showed a slight decrease at 98.0% of the same period of the previous year.

Overall power demand in the specified-scale sectors totaled 88.5% 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 changes in the economic situation, large-scale industrial power sales totaled 82.7% of the same period of the previous year. Power sales continued to drop for nine months from November 2008.

2. Electricity supply (See Table 2)

Electricity generated and purchased in July totaled 7.210 billion kWh, 91.0% compared to the same period of the previous year, or 95.3% compared to the plan for the month.

(Power generated by our own hydro power plants)

Due to low precipitation around the plant areas in the southern Tohoku region, there was a drought during this period with a low water flow rate of 83.2%. Hydropower generation totaled 656 million kWh, an increase of 47 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 demand, thermal power generated at our own plants totaled 4.227 billion kWh, a decrease of 155 million kWh from the same period of the previous year.

(Power generated by our own nuclear power plants)

Due to different operational conditions compared to the same period of the previous year, total power generation rose to 1.657 billion kWh, an increase of 70 million kWh from the same period of the previous year.

(Power purchased)

Due to different operational conditions of others, total power purchased from others dropped to 1.831 billion kWh, a decrease of 377 million kWh from the same period of the previous year.

(Table 1)

Power demand during July 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	1,612	1,558	101.5	1,578	102.1
	Power	301	312	96.8	296	101.9
	Subtotal	1,913	1,900	100.7	1,874	102.1
Specified Scale Demand	Commercial	1,411	1,439	98.0	-	-
	Industrial and others	2,843	3,365	84.5	-	-
	Subtotal	4,254	4,804	88.5	4,388	96.9
Total power sold		6,167	6,704	92.0	6,262	98.5

(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	2,165	2,617	82.7

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

Foodstuffs	98.3	Pulp and paper	70.8	Chemicals	84.4
Ceramics, stone and clay	81.0	Steel	74.3	Non-ferrous metals	70.8
Machinery	82.3				

(Table 2)

Overview of power supply during July 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	593	559	34	106.2
		Reservoir/pumped-storage	63	50	13	122.9
		Subtotal	656	609	47	107.6
	Thermal		4,227	4,382	-155	96.5
	Nuclear		1,657	1,587	70	104.4
	Subtotal		6,540	6,578	-38	99.4
Power purchased from others			1,831	2,208	-377	83.0
Interchange power			-1,157	-858	-299	135.0
Pumping-up power			-4	-9	5	49.1
Total			7,210	7,919 (7,568)	-709	91.0 (95.3)
Water flow rate			83.2	75.4	7.8	

(): Planned kWh, current month