

July 28, 2009

Electricity Supply & Demand Report for June 2009

1. Electricity demand (See Table 1)

Electric power sold in June totaled 5.971 billion kWh, which was 92.5% 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 100.3% compared to the same period of the previous year.

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 99.3% of the same period of the previous year.

Overall power demand in the specified-scale sectors totaled 89.3% 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 83.4% of the same period of the previous year. Power sales continued to drop for eight months from November 2008.

2. Electricity supply (See Table 2)

Electricity generated and purchased in June totaled 6.636 billion kWh, 93.5% compared to the same period of the previous year, or 97.3% 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 76.1%. Hydropower generation totaled 597 million kWh, a decrease of 54 million kWh from 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 3.841 billion kWh, a decrease of 116 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 and No.3 compared to the same period of the previous year, total power generation dropped to 1.015 billion kWh, a decrease of 201 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 1.950 billion kWh, a decrease of 16 million kWh from the same period of the previous year.

(Table 1)

Power demand during June 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	1,663	1,658	100.3	1,643	101.2
	Power	294	300	98.2	293	100.4
	Subtotal	1,957	1,958	99.9	1,936	101.1
Specified Scale Demand	Commercial	1,273	1,283	99.3	-	-
	Industrial and others	2,741	3,214	85.3	-	-
	Subtotal	4,014	4,497	89.3	4,193	95.7
Total power sold		5,971	6,455	92.5	6,129	97.4

(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	2,074	2,486	83.4

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

Foodstuffs	102.9	Pulp and paper	69.3	Chemicals	84.6
Ceramics, stone and clay	75.3	Steel	70.3	Non-ferrous metals	81.2
Machinery	82.0				

(Table 2)

Overview of power supply during June 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	534	593	-59	90.1
		Reservoir/pumped-storage	63	58	5	109.6
		Subtotal	597	651	-54	91.8
	Thermal		3,841	3,957	-116	97.1
	Nuclear		1,015	1,216	-201	83.4
	Subtotal		5,453	5,824	-371	93.6
	Power purchased from others		1,950	1,966	-16	99.1
Interchange power		-765	-688	-77	111.2	
Pumping-up power		-2	-6	4	38.0	
Total		6,636	7,096 (6,819)	-460	93.5 (97.3)	
Water flow rate		76.1	85.5	-9.4	-	

(): Planned kWh, current month