

September 28, 2009

Electricity Supply & Demand Report for August 2009

1. Electricity demand (See Table 1)

Electric power sold in August totaled 6.569 billion kWh, which was 90.5% 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 94.8% compared to the same period of the previous year. This was primarily because of the lower temperature in July and early August than the same period of the previous year, resulting in a lower demand for air-conditioning, and shorter time span for meter reading than the previous year.

Non-specified scale demand in total was 93.6% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Electric power sold for commercial use was 95.8% of the same period of the previous year. This was primarily because of the lower temperature in July and early August than the same period of the previous year, resulting in a lower demand for air-conditioning.

Overall power demand in the specified-scale sectors totaled 88.9% 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 84.4% of the same period of the previous year. Power sales continued to drop for ten months from November 2008.

2. Electricity supply (See Table 2)

Electricity generated and purchased in August totaled 7.182 billion kWh, 92.9% compared to the same period of the previous year, or 93.4% compared to the plan for the month.

(Power generated by our own hydro power plants)

Due to high precipitation around the plant areas in early August, there was ample during this period with a water flow rate of 101.9%. Hydropower generation totaled 666 million kWh, an increase of 6 million kWh from the same period of the previous year.

(Power generated by our own thermal power plants)

Due to a decrease of nuclear power generated and power purchased, thermal power generated at our own plants totaled 4.019 billion kWh, an increase of 66 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 Plants compared to the same period of the previous year, total power generation dropped to 1.811 billion kWh, a decrease of 262 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 1.912 billion kWh, a decrease of 237 million kWh from the same period of the previous year.

(Table 1)

Power demand during August 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	1,911	2,017	94.8	1,955	97.8
	Power	362	411	87.8	390	92.7
	Subtotal	2,273	2,428	93.6	2,345	96.9
Specified Scale Demand	Commercial	1,515	1,581	95.8	-	-
	Industrial and others	2,781	3,253	85.5	-	-
	Subtotal	4,296	4,834	88.9	4,598	93.4
Total power sold		6,569	7,262	90.5	6,943	94.6

(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	2,073	2,456	84.4

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

Foodstuffs	99.5	Pulp and paper	74.6	Chemicals	84.9
Ceramics, stone and clay	81.4	Steel	79.7	Non-ferrous metals	67.3
Machinery	84.9				

(Table 2)

Overview of power supply during August 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	603	607	-4	99.1
		Reservoir/pumped-storage	63	53	10	120.5
		Subtotal	666	660	6	100.8
	Thermal		4,019	3,953	66	101.7
	Nuclear		1,811	2,073	-262	87.4
	Subtotal		6,496	6,686	-190	97.2
	Power purchased from others		1,912	2,149	-237	89.0
Interchange power		-1,223	-1,089	-134	112.3	
Pumping-up power		-3	-16	13	17.4	
Total		7,182	7,730 (7,686)	-548	92.9 (93.4)	
Water flow rate		101.9	105.7	-3.8		

(): Planned kWh, current month