

April 23, 2009

Electricity Supply & Demand Report for FY2008

1. Electricity supply and demand (See Table 1)

Electricity sales for FY2008 totaled 81.101 billion kWh, which was 96.5% compared with the corresponding period of the previous year. Sales by customer segment were as follows.

—Non-specified Scale Demand (Excluding deregulated segment)

As a result of a decrease in demand for air-conditioning, due to higher temperature in early spring and winter, and lower temperature in summer compared to the previous year, in spite of increasing in all-electric housing, lighting demand was 98.4% compared to the same period of the previous year.

Non-specified scale demand in total was 97.8% of the same period of the previous year.

—Specified Scale Demand (Deregulated segment)

As a result of a decrease in demand for air-conditioning, commercial use electricity was 98.5% of the same period of the previous year.

Overall power demand in the specified-scale sectors totaled 95.8% of the same period of the previous year.

In the industrial and other electric 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 94.4% of the corresponding period of the previous year.

2. Electricity supply (See Table 2)

Total electricity generated and purchased in FY2008 was 89.133 billion kWh, which was 96.7% of the same period of previous year or 96.3% of the planned value.

(Power generated by our own hydro power plants)

Due to low precipitation around the plant areas, the water flow rate of this period was 96.3%. Hydropower generation totaled 8.016 billion kWh, a decrease of 125 million kWh from the same period of the previous year.

(Power generated by our own thermal power plants)

Due to a decrease in demand, thermal power generated at our own plants totaled 48.034 billion kWh, a decrease of 2.935 billion kWh from the same period of the previous year.

(Power generated by our own nuclear power plants)

Due to different operational conditions of nuclear power plants compared to the same period of the previous year, total power generation dropped to 18.839 billion kWh, a decrease of 223 million kWh from the corresponding period of the previous year.

(Power purchased)

Due to a decrease in demand and different operational conditions of thermal power plants, total power purchased from others dropped to 23.513 billion kWh, a decrease of 1.022 billion kWh from the same period of the previous year.

(Table 1)

Power demand during FY2008

(Units: million kWh; %)

Segments		Actual kWh, Current year (A)	Actual kWh, Previous year (B)	Year-to-year percentage (A/B)	Planned kWh, Current year (C)	Actual over planned (A/C)
Non-specified Scale Demand	Electric lighting	24,679	25,073	98.4	25,069	98.4
	Electric power	4,078	4,346	93.8	4,177	97.6
	Subtotal	28,757	29,419	97.8	29,246	98.3
Specified Scale Demand	Commercial use	16,680	16,928	98.5	-	-
	Industrial and others	35,664	37,725	94.5	-	-
	Subtotal	52,344	54,653	95.8	54,882	95.4
Total power sold		81,101	84,072	96.5	84,128	96.4

(Reference)

Sold to large-scale industrial customers

(Units: million kWh; %)

	Actual kWh, Current year (A)	Actual kWh, Previous year (B)	Year-to-year percentage (A/B)
Large-scale industrial customers	27,187	28,809	94.4

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

Foodstuffs	100.4	Pulp and paper	97.6	Chemicals	94.4
Ceramics, stone and clay	94.1	Iron and steel	85.3	Non-ferrous metals	101.1
Machinery	91.6				

(Table 2)

Overview of power supply during FY2008

(Units: million kWh; %)

Segments		Actual kWh, Current year (A)	Actual kWh, Previous year (B)	Difference (A-B)	Year-to-year percentage (A/B)	
Power by our own plants	Hydroelectric	Natural inflow	7,522	7,329	193	102.6
		Reservoir/pumped-storage	494	562	-68	87.7
		Subtotal	8,016	7,891	125	101.6
	Thermal	48,034	50,969	-2,935	94.2	
	Nuclear	18,839	19,062	-223	98.8	
	Subtotal	74,889	77,922	-3,033	96.1	
Power purchased from others		23,513	24,535	-1,022	95.8	
Interchange power		-9,168	-10,170	1,002	90.2	
Pumping-up power		-101	-153	52	65.8	
Total		89,133	92,134 (92,515)	-3,001	96.7 (96.3)	
Water flow rate		96.3	95.1	1.2	-	

(): Planned kWh, current year