

April 27, 2010

Electricity Supply & Demand Report for March 2010

1. Electricity demand (See Table 1)

Electric power sold in March totaled 7.237 billion kWh, which was 109.7% 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 107.1% compared to the same period of the previous year. This was primarily because of longer time span for meter reading than the previous year, and lower temperature than the same period of the previous year, resulting in a higher demand for heating.

Non-specified scale demand in total was 106.7% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Electric power sold for commercial use was 100.6% of the same period of the previous year.

Overall power demand in the specified-scale sectors totaled 111.9% 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

Large-scale industrial demand in total was 121.8% year-on-year, which exceeded the result of the previous year for the fourth consecutive month. This was because of a rebound from significant decrease in March of 2009 compared to the result of the previous year in addition to a recovery movement of production.

2. Electricity supply (See Table 2)

Electricity generated and purchased in March totaled 8.031 billion kWh, 108.8% compared to the same period of the previous year, or 100.0% compared to the plan for the month.

(Power generated by our own hydro power plants)

Due to an increase in snowmelt volume, there was ample during this period with a high water flow rate of 117.7%. Hydropower generation totaled 806 million kWh, an increase of 1 million kWh from the same period of the previous year.

(Power generated by our own thermal power plants)

Due to an increase of nuclear power generated, thermal power generated at our own plants totaled 4.138 billion kWh, a decrease of 262 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 Nuclear Power Plants compared to the same period of the previous year, total power generation rose to 2.075 billion kWh, an increase of 743 million kWh from the same period of the previous year.

(Power purchased)

Due to different operational conditions of others, total power purchased from others rose to 1.942 billion kWh, an increase of 357 million kWh from the same period of the previous year.

(Table 1)

Power demand during March 2010

(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	2,541	2,373	107.1	2,514	101.1
	Power	376	359	104.5	389	96.4
	Subtotal	2,917	2,732	106.7	2,903	100.5
Specified Scale Demand	Commercial	1,410	1,402	100.6	-	-
	Industrial and others	2,910	2,461	118.3	-	-
	Subtotal	4,320	3,863	111.9	4,423	97.7
Total power sold		7,237	6,595	109.7	7,326	98.8

(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	2,242	1,841	121.8

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

Foodstuffs	102.6	Pulp and paper	138.6	Chemicals	132.8
Ceramics, stone and clay	107.9	Steel	153.7	Non-ferrous metals	133.6
Machinery	121.5				

(Table 2)

Overview of power supply during March 2010

(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	760	761	-1	99.9
		Reservoir/pumped-storage	46	44	2	104.2
		Subtotal	806	805	1	100.1
	Thermal		4,138	4,400	-262	94.0
	Nuclear		2,075	1,332	743	155.8
	Subtotal		7,019	6,537	482	107.4
Power purchased from others			1,942	1,585	357	122.6
Interchange power			-921	-735	-186	125.2
Pumping-up power			-9	-3	-6	320.4
Total			8,031	7,384 (8,028)	647	108.8 (100.0)
Water flow rate			117.7	113.4	4.3	

(): Planned kWh, current month