

February 23, 2010

Electricity Supply & Demand Report for January 2010

1. Electricity demand (See Table 1)

Electric power sold in January totaled 7.725 billion kWh, which was 106.9% 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 105.6% compared to the same period of the previous year.

This was primarily because of lower temperature than the same period of the previous year, resulting in a higher demand for heating.

Non-specified scale demand in total was 106.6% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Electric power sold for commercial use was 101.6% of the same period of the previous year.

This was primarily because of lower temperature than the same period of the previous year, which created a higher demand for heating.

Overall power demand in the specified-scale sectors totaled 107.1% 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 112.8% year-on-year, which exceeded the result of the previous year for the second consecutive month. This was because of a rebound from significant decrease in January of 2009 compared to the result of the previous year in addition to a recovery movement of production by some customers.

2. Electricity supply (See Table 2)

Electricity generated and purchased in January totaled 8.421 billion kWh, 106.0% compared to the same period of the previous year, or 99.7% compared to the plan for the month.

(Power generated by our own hydro power plants)

Due to high precipitation around the plant areas, there was ample during this period with a water flow rate of 101.0%. Hydropower generation totaled 577 million kWh, a decrease of 7 million kWh from the same period of the previous year, because there was a drought this period compared to 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 4.231 billion kWh, a decrease of 62 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 2.470 billion kWh, an increase of 1.031 billion 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 2.348 billion kWh, an increase of 22 million kWh from the same period of the previous year.

(Table 1)

Power demand during January 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	2,895	2,743	105.6	2,802	103.3
	Power	473	416	113.6	438	107.9
	Subtotal	3,368	3,159	106.6	3,240	103.9
Specified Scale Demand	Commercial	1,506	1,483	101.6	-	-
	Industrial and others	2,851	2,584	110.3	-	-
	Subtotal	4,357	4,067	107.1	4,451	97.9
Total power sold		7,725	7,226	106.9	7,691	100.4

(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	2,169	1,922	112.8

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

Foodstuffs	100.7	Pulp and paper	110.3	Chemicals	127.3
Ceramics, stone and clay	92.8	Steel	116.2	Non-ferrous metals	127.5
Machinery	115.6				

(Table 2)

Overview of power supply during January 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	544	555	-11	98.1
		Reservoir/pumped-storage	33	29	4	113.2
		Subtotal	577	584	-7	98.8
	Thermal		4,231	4,293	-62	98.6
	Nuclear		2,470	1,439	1,031	171.6
	Subtotal		7,278	6,316	962	115.2
Power purchased from others			2,348	2,326	22	100.9
Interchange power			-1,204	-697	-507	172.7
Pumping-up power			-1	0	-1	200.1
Total			8,421	7,945 (8,444)	476	106.0 (99.7)
Water flow rate			101.0	102.0	-1.0	-

(): Planned kWh, current month