

Electricity Supply & Demand Report for December 2007

January 29, 2008

1. Electricity demand (See Table 1)

Electric power sold in December totaled 7.077 billion kWh, a 1.5% increase over the same period of the previous year. Details on the respective markets were as follows.

– Non-Specified Scale Demand (Users other than those on deregulated power supply systems)

Due to reasons including the fact that the time span for meter reading was shorter than in the previous year, power demand for electric lighting was only 98.9% of the level for the same period of the previous year, despite an increase in the number of contracts for time-of-day lighting service along with the growth of all-electric houses. Non-specified scale demand in total was 98.7% of the level for the same period of the previous year.

– Specified Scale Demand (Users on deregulated power supply systems)

Due to an increase in the number of newly built or expanded suburban stores, electric power sold for commercial use increased by 3.1% over the same period of the previous year. Overall power demand in the specified-scale segments totaled 103.0% of the level for the same period of the previous year.

In the industrial and other sectors, power demand was mostly from large-scale industrial customers, as described below.

Reference

– Large-scale industrial demand

Thanks to steady production in sectors such as machinery and non-ferrous metal industries, the power demand by large-scale industrial customers in December rose by 3.7% over the same period of the previous year, making it the 37th consecutive month to exceed the level of the preceding period.

2. Electricity supply (See Table 2)

Electricity generated and purchased in December totaled 8.329 billion kWh, an increase of 2.1% over the same period of the previous year, or 1.8% higher than the plan for the month.

Power generated by our own hydroelectric power plants

With low precipitation around the plant areas in northern Tohoku, and due to controlled flow from the reservoirs, there was a drought during this period with a low water flow rate of 90.4%. Total hydro power generated during the month slumped by 226 million kWh to 597 million kWh compared to the

same period of the previous year, in which there was ample reservoir storage.

Power generated by our own thermal power plants

A total of 4.804 billion kWh was generated by the thermal power plants. This was an increase of 264 million kWh over the same period of the previous year, partly to compensate for the drop in hydro and nuclear power generation.

Power generated by our own nuclear power plants

During December, the availability of Power Units No. 2 and No. 3 at the Onagawa Nuclear Power Station was not as high as in the same period of the previous year. Total monthly power generated dropped to 1.381 billion kWh, or 425 million kWh lower compared to the previous year.

Power purchased

Power purchased from outside rose to 2.243 billion kWh, an increase of 367 million kWh over the previous year.

(Table 1)

Power demand during December 2007

(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	Electric lighting	2,140	2,163	98.9	2,048	104.5
	Electric power	318	326	97.3	303	104.8
	Subtotal	2,458	2,489	98.7	2,351	104.5
Specified Scale Demand	Commercial use	1,407	1,366	103.1	-	-
	Industrial and others	3,212	3,117	103.0	-	-
	Subtotal	4,619	4,483	103.0	4,474	103.2
Total power sold		7,077	6,972	101.5	6,825	103.7

(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	2,471	2,383	103.7

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

Foodstuffs	101.4	Pulp and paper	116.4	Chemicals	106.1
Ceramics, stone and clay	99.0	Iron and steel	93.9	Non-ferrous metals	118.0
Machinery	103.6				

(Table 2)

Overview of power supply during December 2007

(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	579	780	- 201	74.3
		Reservoir/pumped-storage	18	43	- 25	40.3
		Subtotal	597	823	- 226	72.5
	Thermal		4,804	4,540	264	105.8
	Nuclear		1,381	1,806	- 425	76.5
	Subtotal		6,782	7,169	- 387	94.6
Power purchased from others			2,243	1,876	367	119.6
Interchange power			- 694	- 886	192	78.3
Pumping-up power			- 2	- 2	0	65.7
Total			8,329	8,157 (8,181)	172	102.1 (101.8)
Water flow rate			90.4	116.1	- 25.7	-

(): Planned kWh, current month