

February 28, 2008

## **Electricity Supply & Demand Report for January 2008**

### **1. Electric power demand (See Table 1)**

Electricity sales for January were 8,071,000 MWh, which was 106.0% of the previous year. Sales by customer segment are as follows.

#### **– Demand other than specified-scale demand (customers in non-liberalized segments)**

Lighting demand increased to 108.6% of the previous year. Reasons include a rise in demand for heating due to colder weather, compared to the mild winter of last year, together with a strong demand for time-of-day lighting services resulting from penetration by the all-electric homes model. The total demand other than specified-scale demand was 108.8% of the previous year.

#### **– Specified-scale demand (customers in liberalized segments)**

Commercial electric power sales were 103.3% of the previous year, mainly due to new constructions of and additions to large-scale retail facilities. The total specified-scale demand was 104.0% of the previous year. With respect to industrial electric power sales, large-scale industrial customers constitute a large share, of which details are as follows.

#### **(Reference)**

##### **– Large-scale industrial demand**

Sales to large-scale customers were 105.4% of the previous year and marked a 38-month consecutive increase, due to continually strong and stable production witnessed in the machine and nonferrous metal industries, among others.

### **2. Electricity supply (See Table 2)**

The total electricity generated and purchased in January was 8,667,000 MWh, which was 106.4% of the previous year or 102.3% of our initial plan.

#### **Hydro power generation**

Efforts such as effective utilization of reservoirs resulted in a high-water flow rate of 109.0%. Electricity output was 601,000 MWh, a decrease of 183,000 MWh from the previous year, due to a backlash of the previous year's high-water flow.

### Thermal power generation

With demand increasing, electricity output was 5,063,000 MWh, an increase of 113,000 MWh from the previous year.

### Nuclear power generation

Different operational conditions of the Onagawa Nuclear Power Plant Unit 1 and the Higashidori Nuclear Power Plant Unit 1 as compared to the previous year resulted in an electricity output of 1,872,000 MWh, an increase of 731,000 MWh from the year before.

### Electricity purchased from other companies

Due to the increased purchase of electricity generated by thermal and nuclear power, the total electricity purchased from other companies was 2,271,000 MWh, an increase of 249,000 MWh.

(Table 1)

### Power demand during January 2008

(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	2,964	2,729	108.6	2,891	102.5
	Electric power	470	428	109.7	482	97.5
	Subtotal	3,434	3,157	108.8	3,373	101.8
Specified Scale Demand	Commercial use	1,497	1,448	103.3	-	-
	Industrial and others	3,140	3,012	104.3	-	-
	Subtotal	4,637	4,460	104.0	4,534	102.3
Total power sold		8,071	7,617	106.0	7,907	102.1

(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	2,428	2,304	105.4

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

Foodstuffs	102.8	Pulp and paper	119.6	Chemicals	106.6
Ceramics, stone and clay	91.1	Iron and steel	96.4	Non-ferrous metals	118.7
Machinery	104.6				

(Table 2)

Overview of power supply during January 2008

(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	573	737	- 164	77.7
		Reservoir/pumped-storage	28	47	- 19	61.3
		Subtotal	601	784	- 183	76.7
	Thermal		5,063	4,950	113	102.3
	Nuclear		1,872	1,141	731	164.1
	Subtotal		7,536	6,875	661	109.6
Power purchased from others			2,271	2,022	249	112.3
Interchange power			- 1,137	- 745	- 392	152.6
Pumping-up power			- 3	- 7	4	52.8
Total			8,667	8,145 (8,472)	522	106.4 (102.3)
Water flow rate			109.0	131.3	- 22.3	-

( ): Planned kWh, current month