

April 24, 2008

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

### **1. Electricity supply and demand (See Table 1)**

Electricity sales for March totaled 7.427 billion kWh, which was 103.9% compared with the corresponding period of the previous year. Sales by customer segment are as follows.

—Demand other than specified-scale demand (users other than those on deregulated power supply systems)

Due to popularization and expansion of all-electric homes, lighting demand increased to 103.0% of the previous year. The total demand other than specified-scale demand was 103.5% of the previous year.

—Specified-scale demand (users on deregulated power supply systems)

Boosted by new installations and expansion in the large-scale retailer segment, commercial use electricity was 105.1% of the previous year. The total in the specified-scale demand was 104.1% of the previous year. With respect to industrial and other electric power sales, dominated by the large-scale industrial-use segment, the demand outline is described in the following reference:

#### **[Reference]**

##### **\* Large-scale industrial demand**

For the reason of stable development centering on the “non-ferrous” production segment, the large-scale industrial demand was 103.4% compared to the previous year, showing continued growth for the 40th consecutive month.

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

The total electricity generated and purchased in March was 7.961 billion kWh, which was 98.3% of the previous year or 99.7% of the planned value.

#### **Hydro power generation**

Despite lower rainfall levels at the hydroelectric power generation sites, the occurrence of earlier water flows from thawing due to higher air temperatures throughout the season resulted in an almost

ordinary water discharge with a flow rate of 99.4%. The generated energy was reduced to 684 million kWh, 58 million kWh down on the previous year.

#### Thermal power generation

An increase in the energy generated by nuclear power stations and other factors resulted in an electricity output of 4.192 billion kWh, 1.225 billion kWh down on the previous year.

#### Nuclear power generation

Since Unit 3 of the Onagawa Nuclear Power Station and Unit 1 of the Higashidori Nuclear Power Station were operated under different controls compared to the previous year, electricity output reached 1.806 billion kWh, which was 945 million kWh higher than the previous year.

#### Electricity purchased from other companies

Due to the difference in the number of days during which power stations of other companies were not in operation for reasons of scheduled inspections and others, total electricity purchased from other companies was 2.221 billion kWh, an increase of 441 million kWh over the previous year.

(Table 1)

#### Power demand during March 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	2,379	2,309	103.0	2,354	101.0
	Electric power	399	375	106.6	385	103.7
	Subtotal	2,778	2,684	103.5	2,739	101.4
Specified Scale Demand	Commercial use	1,445	1,375	105.1	-	-
	Industrial and others	3,204	3,090	103.7	-	-
	Subtotal	4,649	4,465	104.1	4,579	101.5
Total power sold		7,427	7,149	103.9	7,318	101.5

(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	2,482	2,401	103.4

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

Foodstuffs	98.6	Pulp and paper	108.2	Chemicals	113.6
Ceramics, stone and clay	114.9	Iron and steel	94.2	Non-ferrous metals	119.2
Machinery	101.4				

(Table 2)

Overview of power supply during March 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	651	710	- 59	91.6
		Reservoir/pumped-storage	33	32	1	105.6
		Subtotal	684	742	- 58	92.2
	Thermal		4,192	5,417	- 1,225	77.4
	Nuclear		1,806	861	945	209.6
	Subtotal		6,682	7,020	- 338	95.2
Power purchased from others			2,221	1,780	441	124.8
Interchange power			- 932	- 690	- 242	134.9
Pumping-up power			- 10	- 13	3	79.8
Total			7,961	8,097 (7,984)	- 136	98.3 (99.7)
Water flow rate			99.4	96.0	3.4	-

( ): Planned kWh, current month