



February 24, 2015

## **Electricity Supply & Demand Report for January 2015**

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

Our electric power sold in January totaled 7,889 GWh, which was 101.8% year-on-year. The electricity demand was increased by a continuous post-quake reconstruction and an increased heating demand due to a lower temperature, etc. It exceeded the results of the previous year for two consecutive months.

Sales by customer segment were as follows:

#### **– Non-Specified Scale Demand (Excluding deregulated segment)**

Thanks to a continuous post-quake reconstruction and an increased heating demand due to a lower temperature, etc., our power demand in the lightning (residential) sector was 102.1% year-on-year, which exceeded the results of the previous year for two consecutive months.

Non-specified scale demand in total was 103.2% year-on-year.

#### **– Specified Scale Demand (Deregulated segment)**

Our electric power sold for commercial use was 102.1% year-on-year. Thanks to a continuing recovery trend in demand and an increased heating demand due to a lower temperature, it exceeded the results of the previous year for two consecutive months. Overall power demand in the specified-scale sectors totaled 100.7% year-on-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**

Even with a post-quake reconstruction and a continuous recovery of production in some sectors, an increase in the outputs of private generators and a decrease in production in some companies decreased our large-scale industrial demand in total. As a result, our large-scale industrial demand was 99.3% year-on-year.

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

Our electricity generated and purchased in January totaled 8,283 GWh, 98.7% year-on-year, which fell below the performance of the previous year for the first time in two months.

(Power generated by our own hydro power stations)

Our hydro power generation output totaled 598 GWh, a year-on-year increase of 99 GWh, owing to the high flow rate of 103.3%, which was 7.1% higher than that of previous year.

(Power generated by our own thermal power stations)

Differences of thermal power stations' operations and other factors decreased our own thermal power generated output to 5,807 GWh, a year-on-year decrease of 480 GWh.

(Power generated by our own nuclear power stations)

All units of Onagawa nuclear power station and unit 1 of Higashidori nuclear power station have been shut down because of regular inspections. Therefore, there was no output from nuclear power stations.

(Power generated by our own renewable power stations)

Since the amount of vapor in geothermal power stations increased, our renewable generated output totaled 82 GWh, a year-on-year increase of 5 GWh.

(Power purchased)

Differences of thermal power stations' operation of other companies and other factors increased our power purchased from others to 2,505 GWh, a year-on-year increase of 267 GWh.

(Table 1)

Power demand during January 2015

(Units: GWh; %)

Segments		Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Year-on-year percentage (A/B)
Non-Specified Scale Demand	Lighting (Residential)	3,107	3,044	102.1
	Power	499	452	110.2
	Subtotal	3,606	3,496	103.2
Specified Scale Demand	Commercial	1,498	1,466	102.1
	Industrial and others	2,785	2,789	99.9
	Subtotal	4,283	4,255	100.7
Total power sold		7,889	7,751	101.8

(Reference)

Sold to large-scale industrial customers

(Units: GWh; %)

	Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Year-on-year percentage (A/B)
Large-scale industrial customers	2,089	2,104	99.3

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

Foodstuffs	100.6	Pulp and paper	94.3	Chemicals	101.1
Ceramics, stone and clay	98.4	Steel	84.6	Non-ferrous metals	106.7
Machinery	101.5				

(Table 2)

## Overview of power supply during January 2015

(Units: GWh; %)

Segments			Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Difference (A-B)	Year-on-year percentage (A/B)
Power by our own plants	Hydroelectric	Natural inflow	552	463	89	119.5
		Reservoir/pumped-storage	46	36	10	126.3
		Subtotal	598	499	99	120.0
	Thermal		5,807	6,287	(480)	92.4
	Nuclear		0	0	0	-
	Renewable		82	77	5	108.5
	Subtotal		6,487	6,863	(376)	94.5
	Power purchased from others		2,505	2,238	267	111.9
Interchange power		(706)	(703)	(3)	100.5	
Pumping-up power		(3)	(3)	0	100.0	
Total		8,283	8,395	(112)	98.7	
Water flow rate		103.3	96.2	7.1	-	