



August 26, 2014

## **Electricity Supply & Demand Report for July 2014**

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

Electric power sales in July totaled 5,949 GWh, which was 97.9% year-on-year. Despite a post-quake reconstruction, the sales were below the results of the previous year for three consecutive months due to a shorter period of meter reading.

Sales by customer segment were as follows:

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

Even though a post-quake reconstruction continued, power demand in the lighting (residential) sector was 91.9% year-on-year due to a shorter period of meter reading, and which fell below the results of the previous year for three consecutive months.

Non-specified scale demand in total was 91.9% year-on-year.

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

Electric power sold for commercial use was 100.5% year-on-year. Thanks to the continuing recovery trend in demand, it exceeded the results of the previous year for two consecutive months. Overall power demand in the specified-scale sectors totaled 100.8% 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**

While our customers increased the outputs of their private generators, a continuing post-quake reconstruction and a recovery of production expanded our large-scale industrial demand in total. As a result, large-scale industrial demand was 101.0% year-on-year, which exceeded the result of previous year for two consecutive months.

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

Electricity generated and purchased in July surpassed the previous year for the first time in four months, which totaled 6,894 GWh and was 101.0% year-on-year.

(Power generated by our own hydro power stations)

Our hydro power generation output totaled 734 GWh, an increase of 62 GWh year-on-year, thanks to the high flow rate, 102.9%, and a resumption of hydro power stations damaged by the torrential rain in Niigata and Fukushima

(Power generated by our own thermal power stations)

A decrease in power receiving from other company's thermal power stations increased our own thermal power plants outputs to 4,647 GWh, an increase of 158GWh year-on-year.

(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)

Differences of geothermal power stations' operations and other factors decreased our renewable generated output to 70 GWh, a decrease of 1 GWh year-on-year.

(Power purchased)

Differences of thermal power stations' operations of other companies and other factors decreased our power purchased from others to 2,147 GWh, a decrease of 123 GWh year-on-year.

(Table 1)

## Power demand during July 2014

(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)	1,535	1,671	91.9
	Power	272	296	91.8
	Subtotal	1,807	1,967	91.9
Specified Scale Demand	Commercial	1,295	1,289	100.5
	Industrial and others	2,847	2,819	101.0
	Subtotal	4,142	4,108	100.8
Total power sold		5,949	6,075	97.9

(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	2,156	2,134	101.0

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

Foodstuffs	102.5	Pulp and paper	87.6	Chemicals	109.4
Ceramics, stone and clay	100.8	Steel	91.9	Non-ferrous metals	105.2
Machinery	101.3				

(Table 2)

## Overview of power supply during July 2014

(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	676	610	66	110.7
		Reservoir/pumped-storage	58	62	(4)	92.6
		Subtotal	734	672	62	109.0
	Thermal		4,647	4,489	158	103.5
	Nuclear		0	0	0	-
	Renewable		70	71	(1)	98.9
	Subtotal		5,451	5,232	219	104.2
	Power purchased from others		2,147	2,270	(123)	94.6
Interchange power		(702)	(677)	(25)	103.6	
Pumping-up power		(2)	(3)	1	96.1	
Total		6,894	6,822	72	101.0	
Water flow rate		102.9	119.6	(16.7)	-	