

July 28, 2015

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

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

Electric power sold in June totaled 5,566GWh, which was 96.9% year-on-year. Despite a continuous post-quake reconstruction, the sales were below the results of the previous year for five consecutive months due to a shorter period of meter reading, a decreased cooling demand caused by a lower temperature as well as our customers' energy saving efforts.

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 92.8% year-on-year, due to a shorter period of meter reading, a decreased cooling demand caused by a lower temperature as well as our customers' energy saving efforts. It fell below the results of the previous year for two consecutive months.

Non-specified scale demand in total was 93.1% year-on-year.

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

Our electric power sold for commercial use was 97.4% year-on-year. Even with a continuing recovery trend in demand, a decreased cooling demand caused by a lower temperature and other factors decreased the demand.

Overall power demand in the specified-scale sectors totaled 98.6% 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**

Despite a post-quake reconstruction and a continuous recovery of production in some sectors, an increase in the outputs of private generators and other factors lowered our large-scale industrial demand in total. As a result, our large-scale industrial demand was 98.8% year-on-year.

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

Our electricity generated and purchased in June totaled 6,207GWh, 98.0% year-on-year, which fell below that of the previous year for six consecutive months.

(Power generated by our own hydro power stations)

Our hydro power generated output totaled 702GWh, a year-on-year decrease of 123GWh, owing to the low water flow rate of 91.4%, which was 23.7% below that of previous year.

(Power generated by our own thermal power stations)

Differences in thermal power stations' operations and other factors decreased our own thermal power generated output to 3,788GWh, a year-on-year decrease of 565GWh.

(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 inspection. Therefore, there was no generated output from nuclear power stations.

(Power generated by our own renewable power stations)

Differences in geothermal power stations' maintenance condition and other factors decreased our generated output to 63GWh, a year-on-year decrease of 1GWh.

(Power purchased)

Differences in thermal power stations' operation of other companies and other factors increased our power purchased from others to 2,111GWh, a year-on-year increase of 363GWh.

(Table 1)

## Power demand for June 2015

(Units: GWh; %)

Segments		Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Year-to-year percentage (A/B)
Non-Specified Scale Demand	Lighting (Residential)	1,415	1,524	92.8
	Power	252	267	94.5
	Subtotal	1,667	1,791	93.1
Specified Scale Demand	Commercial	1,150	1,181	97.4
	Industrial and others	2,749	2,773	99.1
	Subtotal	3,899	3,954	98.6
Total power sold		5,566	5,745	96.9

(Reference)

## Large-scale industrial demand

(Units: GWh; %)

	Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Year-to-year percentage (A/B)
Large-scale industrial customers	2,063	2,089	98.8

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

Foodstuffs	102.7	Pulp and paper	92.1	Chemicals	94.2
Ceramics, stone and clay	102.0	Steel	97.7	Non-ferrous metals	95.8
Machinery	99.7				

(Table 2)

## Summary of power supply for June 2015

(Units: GWh; %)

Segments			Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Difference (A-B)	Year-to-year percentage (A/B)
Power by our own plants	Hydroelectric	Natural inflow	641	757	(116)	84.8
		Reservoir/pumped-storage	61	68	(7)	89.3
		Subtotal	702	825	(123)	85.2
	Thermal		3,788	4,353	(565)	87.0
	Nuclear		0	0	0	-
	Renewable		63	64	(1)	98.0
	Subtotal		4,553	5,242	(689)	86.9
	Power purchased from others		2,111	1,748	363	120.7
Interchange power		(449)	(649)	200	69.1	
Pumping-up power		(8)	(8)	0	107.6	
Total		6,207	6,333	(126)	98.0	
Water flow rate		91.4	115.1	(23.7)	-	