



October 27, 2015

## Electricity Supply & Demand Report for the First Half of FY2015

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

Electric power sold in the first half of FY2015 totaled 35,855 GWh, which was 98.8% year-on-year.

While there was a continuous post-quake reconstruction, a decrease in air conditioning demand due to a warm spring and a cool summer as well as our customers' power saving efforts lowered our electricity sales from the previous year.

Sales by customer segment were as follows:

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

Even with a continuous post-quake reconstruction, power demand in the lighting (residential) sector was 98.2% year-on-year, due to a decline in air conditioning demand caused by a warm spring and a cool summer, as well as our customers' power saving efforts.

Non-specified scale demand in total was 98.3% year-on-year.

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

Concerning electric power sold for commercial use, a continuous recovery trend of demand could not fully cover the decline in demand caused by a decrease in air conditioning demand due to a warm spring and a cool summer. As a result, our electric power sold for commercial use was 98.5% year-on-year.

Overall power demand in the specified-scale sectors totaled 99.0% 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

Our large-scale industrial demand was 98.8% year-on-year. Despite a post-quake reconstruction and a continuous recovery of production in some sectors, periodic maintenances of some customers' facilities and lower production volume decreased our large-scale industrial demand in total.

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

Our electricity generated and purchased in the first half of FY2015 totaled 38,776 GWh, 98.9% year-on-year, which fell below the performance of the previous year.

(Power generated by our own hydro power stations)

The water flow rate was 95.6%, 8.9% lower year-on-year, due to a low rainfall. As a result, our hydro power generated output totaled 4,299 GWh, a year-on-year decrease of 326 GWh.

(Power generated by our own thermal power stations)

The decrease in demand lowered our own thermal power generated output to 25,098 GWh, a decrease of 1,511 GWh 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 inspection. Therefore, there was no generated output from nuclear power stations.

(Power generated by our own renewable power stations)

Differences of geothermal power stations' operations and other factors increased our own renewable power generated output to 451 GWh, an increase of 12 GWh year-on-year.

(Power purchased)

Differences in other companies' operation of thermal power stations and increase in power purchased from renewable energies increased our power purchased from others to 11,974 GWh, an increase of 712 GWh year-on-year.

(Table 1)

## Power demand for the First Half of FY2015

(Units: GWh; %)

Segments		Actual GWh, Current year (A)	Actual GWh, Previous year (B)	Year-to-year percentage (A/B)
Non-Specified Scale Demand	Lighting (Residential)	10,271	10,463	98.2
	Power	1,695	1,712	99.0
	Subtotal	11,966	12,175	98.3
Specified Scale Demand	Commercial	7,473	7,586	98.5
	Industrial and others	16,416	16,546	99.2
	Subtotal	23,889	24,132	99.0
Total power sold		35,855	36,307	98.8

(Reference)

## Large-scale industrial demand

(Units: GWh; %)

	Actual GWh, Current year (A)	Actual GWh, Previous year (B)	Year-to-year percentage (A/B)
Large-scale industrial customers	12,318	12,473	98.8

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

Food products	102.7	Pulp and Paper	104.7	Chemicals	95.2
Ceramics	97.3	Steel	96.6	Non-ferrous metals	96.8
Machinery	99.5				

(Table 2)

## Summary of power supply for the First Half of FY2015

(Units: GWh; %)

Segments		Actual GWh, Current year (A)	Actual GWh, Previous year (B)	Difference (A-B)	Year-to-year percentage (A/B)	
Power by our own plants	Hydroelectric	Natural inflow	3,996	4,294	(298)	93.1
		Reservoir/pumped-storage	303	331	(28)	91.4
		Subtotal	4,299	4,625	(326)	92.9
	Thermal	25,098	26,609	(1,511)	94.3	
	Nuclear	0	0	0	-	
	Renewable	451	439	12	102.8	
	Subtotal	29,848	31,673	(1,825)	94.2	
Power purchased from others		11,974	11,262	712	106.3	
Interchange power		(2,999)	(3,698)	699	81.1	
Pumping-up power		(47)	(36)	(11)	131.4	
Total		38,776	39,201	(425)	98.9	
Water flow rate		95.6	104.5	(8.9)	-	