

October 27, 2015

Electricity Supply & Demand Report for September 2015

1. Electricity demand (See Table 1)

Electric power sold in September totaled 5,807 GWh, which was 98.3% year-on-year. Even with a continuous post-quake reconstruction and a longer period for meter reading, a decrease in air conditioning demand due to the cool temperatures in the late August to early September lowered our electric power sold year-on-year.

Sales by customer segment were as follows:

– Non-Specified Scale Demand (Excluding deregulated segment)

A decrease in demand due to the decline in air conditioning demand caused by cool temperatures in the late August to early September was covered by a continuous post-quake reconstruction and a longer period for meter reading. As a result, the power demand in the lighting (residential) sector was 100.2% year-on-year.

Non-specified scale demand in total was 99.9% 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 cool temperatures in the late August to early September. As a result, our electric power sold for commercial use was 96.6% year-on-year.

Overall power demand in the specified-scale sectors totaled 97.5% 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 97.2% year-on-year. Despite a post-quake reconstruction and a continuous recovery of production in some sectors, periodic maintenances of some customers' facilities and other factors decreased our large-scale industrial demand in total.

2. Electricity supply (See Table 2)

Our electricity generated and purchased in September totaled 6,116 GWh, 97.9% year-on-year, which fell below the performance of the previous year for two consecutive months.

(Power generated by our own hydro power stations)

Our hydro power generated output totaled 524 GWh, a year-on-year increase of 68 GWh, owing to the high water flow rate of 103.1%, which was 25.0% higher year-on-year.

(Power generated by our own thermal power stations)

Differences in thermal power stations' operations and other factors increased our own thermal power generated output to 4,336 GWh, a year-on-year increase of 71 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 inspection. Therefore, there was no generated output from nuclear power stations.

(Power generated by our own renewable power stations)

Differences of geothermal power stations' maintenances and other factors decreased our own renewable power generated output to 69 GWh, a year-on-year decrease of 10 GWh.

(Power purchased)

Differences in other companies' operation of thermal power stations and other factors decreased our power purchased from others to 1,812 GWh, a year-on-year decrease of 64 GWh.

(Table 1)

Power demand for September 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)	1,590	1,587	100.2
	Power	264	269	98.4
	Subtotal	1,854	1,856	99.9
Specified Scale Demand	Commercial	1,255	1,300	96.6
	Industrial and others	2,697	2,754	97.9
	Subtotal	3,953	4,054	97.5
Total power sold		5,807	5,910	98.3

(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	2,024	2,081	97.2

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

Food products	102.6	Pulp and paper	103.7	Chemicals	86.3
Ceramics	107.4	Steel	96.0	Non-ferrous metals	91.5
Machinery	98.5				

(Table 2)

Summary of power supply for September 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	507	415	92	122.1
		Reservoir/pumped-storage	17	41	(24)	39.9
		Subtotal	524	456	68	114.8
	Thermal		4,336	4,265	71	101.7
	Nuclear		0	0	0	0.0
	Renewable		69	79	(10)	87.3
	Subtotal		4,929	4,800	129	102.7
	Power purchased from others		1,812	1,876	(64)	96.6
Interchange power		(624)	(424)	(200)	146.8	
Pumping-up power		(1)	(2)	1	53.1	
Total		6,116	6,250	(134)	97.9	
Water flow rate		103.1	78.1	25.0	-	