



October 30, 2014

Electricity Supply & Demand Report for September 2014

1. Electricity demand (See Table 1)

Electric power sold in September totaled 5,910 GWh, which was 96.2% year-on-year. While there were continuous post-quake reconstructions, decrease in air conditioning demand due to a lower temperature decreased the sales, which fell below the results of the previous year for the first time in two months.

Sales by customer segment were as follows:

– Non-Specified Scale Demand (Excluding deregulated segment)

Due to the lower temperature than the previous year resulting in a lower demand for air-conditioning, power demand in the lighting (residential) sector was 93.2% year-on-year, which fell below the result of the previous year for the first time in two months.

Non-specified scale demand in total was 92.8% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Due to the lower temperature than the previous year resulting in a lower demand for air-conditioning, electric power sold for commercial use was 95.1% year-on-year, which fell below the result of the previous year for the first time in four months. Overall power demand in the specified-scale sectors totaled 97.8% of the same period of the previous 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 a post-quake reconstruction and a recovery of production continue, a low operating rate in some companies as well as an increase in the outputs of private generators lowered our large-scale industrial demand in total. As a result, it was 99.8% year-on-year, which fell below the performance of the previous year for two consecutive months.

2. Electricity supply (See Table 2)

Electricity generated and purchased in September totaled 6,250 GWh, 96.8% year-on-year, which fell below the performance of the previous year for two consecutive months.

(Power generated by our own hydro power stations)

Since a flow rate was down 31.1% year-on-year to 78.1%, hydro power generation output decreased to 456 GWh, a decrease of 122 GWh year-on-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 4,265 GWh, a decrease of 453 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 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 79 GWh, a decrease of 9 GWh year-on-year.

(Power purchased)

Differences of thermal power stations' operation of other companies and other factors increased our power purchased from others to 1,876 GWh, an increase of 102 GWh year-on-year.

(Table 1)

Power demand during September 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)	1,587	1,702	93.2
	Power	269	298	90.3
	Subtotal	1,856	2,000	92.8
Specified Scale Demand	Commercial	1,300	1,366	95.1
	Industrial and others	2,754	2,780	99.1
	Subtotal	4,054	4,146	97.8
Total power sold		5,910	6,146	96.2

(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	2,081	2,086	99.8

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

Foodstuffs	99.2	Pulp and paper	79.9	Chemicals	121.0
Ceramics, stone and clay	99.0	Steel	88.9	Non-ferrous metals	107.4
Machinery	99.4				

(Table 2)

Overview of power supply during September 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	415	540	(125)	76.9
		Reservoir/pumped-storage	41	38	3	108.3
		Subtotal	456	578	(122)	79.0
	Thermal		4,265	4,718	(453)	90.4
	Nuclear		0	0	0	-
	Renewable		79	70	9	112.9
	Subtotal		4,800	5,366	(566)	89.5
	Power purchased from others		1,876	1,774	102	105.8
Interchange power		(424)	(682)	258	62.3	
Pumping-up power		(2)	(3)	1	60.3	
Total		6,250	6,455	(205)	96.8	
Water flow rate		78.1	109.2	(31.1)	-	