

July 30, 2013

Electricity Supply & Demand Report for June 2013

1. Electricity demand (See Table 1)

Electric power sold in June totaled 5,755 GWh, which was 99.1% as compared with the same period of the previous year. This was because of a shorter period of meter reading than the previous year and a lower operating rate in large industrial sector. It fell below the results of the previous year for the first time in 2 months.

– Non-Specified Scale Demand (Excluding deregulated segment)

Due to a shorter period of meter reading than the previous year, power demand in the lighting (residential) sector was 95.8% as compared with the same period of the previous year, and which fell below the result of the previous year for the first time in 2 months.

Non-specified scale demand in total was 96.1% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Due to a post-quake reconstruction, electric power sold for commercial use was 105.4% year-on-year. Overall power demand in the specified-scale sectors totaled 100.6% 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

Large-scale industrial demand in total was 98.1% year-on-year. Due to a low operating rate mainly at export-oriented companies, large-scale industrial demand fell below the performance of the previous year for 8 consecutive months.

2. Electricity supply (See Table 2)

Electricity generated and purchased in June totaled 6,338 GWh, 102.0% as compared with the same period of the previous year.

(Power generated by our own hydro power stations)

The flow rate was 103.6% during this period. Since the flow rate was lower than that of the previous year, hydro power generation decreased 18 GWh, year-on-year, to 669 GWh.

(Power generated by our own thermal power stations)

Since operation of power stations was different from that of the same period of the previous year, generated output totaled 4,170 GWh, an increase of 929 GWh from the same period of the previous 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, so there was no nuclear power generation.

(Power generated by our own renewable power stations)

Since operation of geothermal power stations was different from that of the same period of the previous year, generated output totaled 58 GWh, a decrease of 25 GWh, year-on-year.

(Power purchased)

Since operation of power stations was different from that of the same period of the previous year, total power purchased from others totaled 2,138 GWh, a decrease of 73 GWh from the same period of the previous year.

(Table 1)

Power demand during June 2013

(Units: GWh; %)

Segments		Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Year-to-year percentage (A/B)	Planned GWh, Current month (C)	Actual over planned percentage (A/C)
Non-Specified Scale Demand	Lighting (Residential)	1,544	1,612	95.8	1,602	96.4
	Power	271	277	97.8	266	101.9
	Subtotal	1,815	1,889	96.1	1,868	97.2
Specified Scale Demand	Commercial	1,171	1,111	105.4	-	-
	Industrial and others	2,769	2,806	98.7	-	-
	Subtotal	3,940	3,917	100.6	4,011	98.2
Total power sold		5,755	5,806	99.1	5,879	97.9

(Reference)

Sold to large-scale industrial customers

(Units: GWh; %)

	Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Year-to-year percentage (A/B)
Large-scale industrial customers	2,086	2,128	98.1

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

Foodstuffs	105.7	Pulp and paper	95.1	Chemicals	103.4
Ceramics, stone and clay	102.7	Steel	105.8	Non-ferrous metals	85.1
Machinery	96.7				

(Table 2)

Overview of power supply during June 2013

(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	610	626	(16)	97.6
		Reservoir/pumped-storage	59	61	(2)	96.5
		Subtotal	669	687	(18)	97.5
	Thermal		4,170	3,241	929	128.7
	Nuclear		0	0	0	-
	Renewable		58	83	(25)	69.7
	Subtotal		4,897	4,011	886	122.1
	Power purchased from others		2,138	2,211	(73)	96.7
Interchange power		(694)	(7)	(687)	10,332.8	
Pumping-up power		(3)	(1)	(2)	251.7	
Total		6,338	6,214	124	102.0	
Water flow rate		103.6	105.3	(1.7)	-	