

July 25, 2012

Electricity Supply & Demand Report for June 2012

1. Electricity demand (See Table 1)

Electric power sold in June totaled 5,806 million kWh, which was 105.2% as compared with the same period of the previous year. Due to a rebound in sales after the impact of the Great East Japan Earthquake last year, sales of electricity exceeded the results of the previous year for 4 consecutive months.

Electric power sold in the previous year was significantly decreased by the Great East Japan Earthquake, so for your information, the comparison of the year before last year is also shown in Table 1.

– Non-Specified Scale Demand (Excluding deregulated segment)

Power demand in the lighting (residential) sector was 101.7% as compared with the same period of the previous year. This was primarily because of the fact that the time span of meter reading was longer than the previous year.

Non-specified scale demand in total was 101.8% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Due to a rebound in sales after the impact of the Great East Japan Earthquake, electric power sold for commercial use was 106.3% year-on-year. It was exceeded the results of the previous year for 4 consecutive months.

Overall power demand in the specified-scale sectors totaled 106.9% 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 106.8% year-on-year because of a rebound in sales after the impact of the Great East Japan Earthquake, and it has exceeded the performance of the previous year for 4 consecutive months.

2. Electricity supply (See Table 2)

Electricity generated and purchased in June totaled 6,214 million kWh, 102.8% as compared with the same period of the previous year. Due to a rebound of last June when it significantly decreased by the Great East Japan Earthquake, it has exceeded the performance of the previous year for 5 consecutive months.

Electric generated and purchased in the previous year was significantly decreased by the Great East Japan Earthquake, so for your information, the comparison of the year before the last year is also shown in Table 2.

(Power generated by our own hydro power stations)

The flow rate was 105.3% during this period.

Due to a higher flow rate of the previous year and shutdown of several stations caused by heavy rainfall in Niigata and Fukushima, hydropower generation totaled 687 million kWh, which was below the same period of the previous year by 159 million kWh.

(Power generated by our own thermal power stations)

Due to the increase of power purchased, generated output decreased 92 million kWh, year-on-year, to 3,241 million kWh.

(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 increased 8 million kWh, year-over-year, to 83 million kWh.

(Power purchased)

Due to shutdown of our power stations caused by the Great East Japan Earthquake last year, total power purchased from others increased 959 million kWh, year-on-year, to 2,211 million kWh.

(Table 1)

Power demand during June 2012

(Units: million kWh; %)

Segments		Actual kWh, Current month (A)	Actual kWh, Previous year (B)	Year-to-year percentage (A/B)	Planned kWh, Current month (C)	Actual over planned % (A/C)	Reference	
							Actual kWh, The year before last year (D)	The year before last year percentage (A/D)
Non-Specified Scale Demand	Lighting (Residential)	1,612	1,585	101.7	1,673	96.3	1,756	91.8
	Power	277	271	102.1	275	100.8	303	91.4
	Subtotal	1,889	1,856	101.8	1,948	97.0	2,059	91.7
Specified Scale Demand	Commercial	1,111	1,045	106.3	-	-	1,284	86.5
	Industrial and others	2,806	2,618	107.1	-	-	3,003	93.4
	Subtotal	3,917	3,663	106.9	3,916	100.0	4,287	91.4
Total power sold		5,806	5,519	105.2	5,864	99.0	6,346	91.5

(Reference)

Sold to large-scale industrial customers

(Units: million kWh; %)

	Actual kWh, Current month (A)	Actual kWh, Previous year (B)	Year-to-year percentage (A/B)	Actual kWh, The year before last year (C)	The year before last year percentage (A/C)
Large-scale industrial customers	2,128	1,991	106.8	2,292	92.8

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

(The year before last year)

Foodstuffs	101.1 (89.5)	Pulp and paper	100.9 (86.6)	Chemicals	92.4 (89.4)
Ceramics, stone and clay	124.6 (113.8)	Steel	154.1 (98.6)	Non-ferrous metals	118.7 (102.9)
Machinery	95.9 (87.8)				

(Table 2)

Overview of power supply during June 2012

(Units: million kWh; %)

Segments			Actual kWh,	Actual kWh,	Difference	Year-to-year	Reference (The year before last year)		
			Current	Previous			percentage	Actual kWh	Difference
			month	year	(A-B)	(A/B)	Actual kWh	Difference	percentage
			(A)	(B)			(C)	(A-C)	(A/C)
Power by our own plants	Hydroelectric	Natural inflow	626	776	(150)	80.5	693	(67)	90.2
		Reservoir/pumped-storage	61	70	(9)	86.8	67	(6)	90.8
		Subtotal	687	846	(159)	81.0	760	(73)	90.3
	Thermal		3,241	3,333	(92)	97.3	2,474	767	131.1
	Nuclear		0	0	0	-	2,008	(2,008)	0.0
	Renewable		83	75	8	110.5	66	17	125.5
	Subtotal		4,011	4,254	(243)	94.3	5,308	(1,297)	75.6
Power purchased from others			2,211	1,252	959	176.7	1,972	239	112.1
Interchange power			(7)	562	(569)	(1.2)	(352)	345	1.9
Pumping-up power			(1)	(26)	25	5.8	(3)	2	49.7
Total			6,214	6,042	172	102.8	6,925	(711)	89.7
Water flow rate			105.3	118.6	(13.3)	-	106.8	(1.5)	-