



June 26, 2012

Electricity Supply & Demand Report for May 2012

1. Electricity demand (See Table 1)

Electric power sold in May totaled 5,954 million kWh, which was 107.4% 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 3 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)

Due to a rebound in sales after the impact of the Great East Japan Earthquake, power demand in the lighting (residential) sector was 100.7% as compared with the same period of the previous year.

Non-specified scale demand in total was 100.9% 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 109.9% year-on-year. It was exceeded the results of the previous year for 3 consecutive months.

Overall power demand in the specified-scale sectors totaled 111.5% 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 112.0% 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 3 consecutive months.

2. Electricity supply (See Table 2)

Electricity generated and purchased in May totaled 6,269 million kWh, 106.4% as compared with the same period of the previous year. Due to a rebound of last May when it significantly decreased by the Great East Japan Earthquake, it has exceeded the performance of the previous year for 4 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 115.1% during this period.

Due to shutdown of several stations caused by heavy rainfall in Niigata and Fukushima, hydropower generation totaled 793 million kWh, which was below the same period of the previous year by 262 million kWh.

(Power generated by our own thermal power stations)

Since operating thermal power stations worked higher than the previous year and several stations were shut down by the earthquake, generated output increased 320 million kWh, year-on-year, to 3,290 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 17 million kWh, year-over-year, to 87 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 844 million kWh, year-on-year, to 2,127 million kWh.

(Table 1)

Power demand during May 2012

(Units: million kWh; %)

Segments		Actual kWh, Current month (A)	Actual kWh, Previous year (B)	Year-to-year percentage (A/B)	Reference	
					Actual kWh, The year before last year (C)	The year before last year percentage (A/C)
Non-Specified Scale Demand	Lighting (Residential)	1,880	1,867	100.7	2,119	88.7
	Power	284	278	102.2	326	87.1
	Subtotal	2,164	2,145	100.9	2,445	88.5
Specified Scale Demand	Commercial	1,100	1,001	109.9	1,246	88.3
	Industrial and others	2,690	2,399	112.1	2,827	95.1
	Subtotal	3,790	3,400	111.5	4,073	93.0
Total power sold		5,954	5,545	107.4	6,518	91.3

(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	2,068	1,847	112.0	2,178	94.9

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

(The year before last year)

Foodstuffs	106.0 (95.5)	Pulp and paper	106.8 (83.3)	Chemicals	98.6 (96.6)
Ceramics, stone and clay	113.9 (94.8)	Steel	203.0 (96.7)	Non-ferrous metals	124.6 (101.7)
Machinery	99.0 (92.0)				

(Table 2)

Overview of power supply during May 2012

(Units: million kWh; %)

(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)	(C)	(A-C)	(A/C)
			(A)	(B)					
Power by our own plants	Hydroelectric	Natural inflow	729	986	(257)	74.0	921	(192)	79.2
		Reservoir/pumped-storage	64	69	(5)	92.1	51	13	124.9
		Subtotal	793	1,055	(262)	75.2	972	(179)	81.6
	Thermal		3,290	2,970	320	110.8	2,173	1,117	151.4
	Nuclear		0	0	0	-	2,076	(2,076)	0.0
	Renewable		87	70	17	122.8	97	(10)	89.3
	Subtotal		4,170	4,095	75	101.8	5,318	(1,148)	78.4
	Power purchased from others		2,127	1,283	844	165.9	2,056	71	103.4
Interchange power		(23)	560	(583)	(4.0)	(621)	598	3.6	
Pumping-up power		(5)	(45)	40	11.9	(5)	0	107.6	
Total		6,269	5,893	376	106.4	6,748	(479)	92.9	
Water flow rate		115.1	116.5	(1.4)	-	108.8	6.3	-	