



May 30, 2012

Electricity Supply & Demand Report for April 2012

1. Electricity demand (See Table 1)

Electric power sold in April totaled 6,497 million kWh, which was 116.7% 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 2 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 104.8% as compared with the same period of the previous year.

Non-specified scale demand in total was 104.9% 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 118.8% year-on-year. It was exceeded the results of the previous year for 2 consecutive months.

Overall power demand in the specified-scale sectors totaled 125.5% 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 133.0% 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 2 consecutive months.

2. Electricity supply (See Table 2)

Electricity generated and purchased in April totaled 6,778 million kWh, 116.4% as compared with the same period of the previous year. Due to a rebound of last April when it significantly decreased by the Great East Japan Earthquake, it has exceeded the performance of the previous year for 3 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 100.2% during this period. Due to shutdown of several stations caused by heavy rainfall in Niigata and Fukushima, hydropower generation totaled 685 million kWh, which was below the same period of the previous year by 232 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 554 million kWh, year-on-year, to 3,858 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 14 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 1,023 million kWh, year-on-year, to 2,025 million kWh.

(Table 1)

Power demand during April 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)	2,197	2,096	104.8	2,384	92.2
	Power	309	292	105.8	345	89.4
	Subtotal	2,506	2,388	104.9	2,729	91.8
Specified Scale Demand	Commercial	1,255	1,056	118.8	1,374	91.3
	Industrial and others	2,736	2,124	128.8	2,884	94.9
	Subtotal	3,991	3,180	125.5	4,258	93.7
Total power sold		6,497	5,568	116.7	6,987	93.0

(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	2,075	1,561	133.0	2,195	94.5

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

(The year before last year)

Foodstuffs	112.5 (93.4)	Pulp and paper	126.0 (80.9)	Chemicals	114.4 (96.3)
Ceramics, stone and clay	157.6 (105.3)	Steel	253.9 (97.8)	Non-ferrous metals	184.0 (103.5)
Machinery	108.3 (90.6)				

(Table 2)

Overview of power supply during April 2012

(Units: million kWh; %)

Segments			Actual kWh,	Actual kWh,	Difference	Year-to-year percentage	Reference		
			Current	Previous			Actual kWh	Difference	The year before
			month	year			The year before		last year
			(A)	(B)	(A-B)	(A/B)	(C)	(A-C)	(A/C)
Power by our own plants	Hydroelectric	Natural inflow	633	875	-242	72.3	859	-226	73.6
		Reservoir/pumped-storage	52	42	10	125.1	43	9	122.5
		Subtotal	685	917	-232	74.8	902	-217	75.9
	Thermal		3,858	3,304	554	116.8	2,874	984	134.2
	Nuclear		0	0	0	-	2,009	-2,009	0.0
	Renewable		87	73	14	119.2	75	12	116.1
	Subtotal		4,630	4,294	336	107.8	5,860	-1,230	79.0
	Power purchased from others		2,025	1,002	1,023	202.0	1,989	36	101.8
Interchange power		125	550	-425	22.7	-622	747	-20.1	
Pumping-up power		-2	-24	22	6.9	-18	16	9.5	
Total		6,778	5,822	956	116.4	7,209	-431	94.0	
Water flow rate		100.2	96.9	3.3	—	98.8	1.4	—	