

October 31, 2012

Electricity Supply & Demand Report for September 2012

1. Electricity demand (See Table 1)

Electric power sold in September totaled 6,559 million kWh, which was 106.3% 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, and higher demand for air-conditioning, sales of electricity exceeded the results of the previous year for 7 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, and higher demand for air-conditioning, power demand in the lighting (residential) sector was 104.4% as compared with the same period of the previous year, and which exceeded the result of the previous year for 2 consecutive months.

Non-specified scale demand in total was 105.0% 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, and higher demand for air-conditioning, electric power sold for commercial use was 115.2% year-on-year. It was exceeded the results of the previous year for 7 consecutive months.

Overall power demand in the specified-scale sectors totaled 107.0% 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 102.1% 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 7 consecutive months.

2. Electricity supply (See Table 2)

Electricity generated and purchased in September totaled 6,776 million kWh, 105.3% as compared with the same period of the previous year. Due to a rebound of last September when it significantly decreased by the Great East Japan Earthquake, and a higher demand for air-conditioning, it has exceeded the performance of the previous year for 8 consecutive months.

Electricity 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 54.4% during this period.

Due to a lower flow rate, hydropower generation decreased 33 million kWh, year-on-year, to 312 million kWh.

(Power generated by our own thermal power stations)

Due to the increase of power demand, generated output increased 288 million kWh, year-on-year, to 4,451 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 decreased 1 million kWh, year-over-year, to 74 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 371 million kWh, year-on-year, to 1,968 million kWh.

(Table 1)

Power demand during September 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 percentage (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)	1,901	1,820	104.4	1,727	110.1	2,109	90.1
	Power	359	332	108.3	302	118.9	407	88.2
	Subtotal	2,260	2,152	105.0	2,029	111.4	2,516	89.8
Specified Scale Demand	Commercial	1,443	1,253	115.2	-	-	1,584	91.1
	Industrial and others	2,856	2,764	103.3	-	-	3,117	91.6
	Subtotal	4,299	4,017	107.0	4,179	102.9	4,701	91.5
Total power sold		6,559	6,169	106.3	6,208	105.7	7,217	90.9

(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	2,123	2,080	102.1	2,333	91.0

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

(The year before last year)

Foodstuffs	109.4 (93.5)	Pulp and paper	116.1 (86.1)	Chemicals	97.9 (89.0)
Ceramics, stone and clay	132.8 (118.6)	Steel	117.4 (97.9)	Non-ferrous metals	93.5 (91.0)
Machinery	95.3 (86.5)				

(Table 2)

Overview of power supply during September 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	276	308	(32)	89.8	546	(270)	50.5
		Reservoir/pumped-storage	36	37	(1)	97.9	44	(8)	82.2
		Subtotal	312	345	(33)	90.6	590	(278)	52.9
	Thermal		4,451	4,163	288	106.9	3,442	1,009	129.3
	Nuclear		0	0	0	-	1,775	(1,775)	0.0
	Renewable		74	75	(1)	97.7	73	1	100.8
	Subtotal		4,837	4,583	254	105.5	5,880	(1,043)	82.3
Power purchased from others			1,968	1,597	371	123.2	1,682	286	117.0
Interchange power			(8)	288	(296)	(2.8)	(275)	267	2.9
Pumping-up power			(21)	(31)	10	67.1	(29)	8	73.2
Total			6,776	6,437	339	105.3	7,258	(482)	93.4
Water flow rate			54.4	103.2	(48.8)	-	108.1	(53.7)	-