

June 25, 2013

Electricity Supply & Demand Report for May 2013

1. Electricity demand (See Table 1)

Electric power sold in May totaled 6,173 GWh, which was 103.7% as compared with the same period of the previous year. This was because of a higher demand for heating resulting from lower temperature, and a longer period of meter reading than the previous year. It exceeded the results of the previous year for the first time in 4 months.

– Non-Specified Scale Demand (Excluding deregulated segment)

Due to a higher demand for heating resulting from lower temperature, and a longer period of meter reading than the previous year, power demand in the lighting (residential) sector was 110.5% as compared with the same period of the previous year, and which exceeded the result of the previous year for the first time in 4 months.

Non-specified scale demand in total was 109.8% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Due to a higher demand for heating resulting from lower temperature, electric power sold for commercial use was 103.7% year-on-year.

Overall power demand in the specified-scale sectors totaled 100.2% 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 98.3% year-on-year. Due to a low operating rate mainly at export-oriented companies, large-scale industrial demand fell behind the performance of the previous year for 7 consecutive months.

2. Electricity supply (See Table 2)

Electricity generated and purchased in May totaled 6,393 GWh, 102.0% as compared with the same period of the previous year. It exceeded the performance of the previous year for the first time in 4 months.

(Power generated by our own hydro power stations)

The flow rate was 99.3% during this period. Since hydro power stations had been shut down last year because of the heavy rainfall in Niigata and Fukushima, hydro power generation increased 32 GWh, year-on-year, to 825GWh.

(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 4,092 GWh, an increase of 802 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 81 GWh, a decrease of 6 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 2,115 GWh, a decrease of 12 GWh from the same period of the previous year.

(Table 1)

Power demand during May 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)	2,078	1,880	110.5	2,006	103.6
	Power	298	284	104.8	294	101.1
	Subtotal	2,376	2,164	109.8	2,300	103.3
Specified Scale Demand	Commercial	1,140	1,100	103.7	-	-
	Industrial and others	2,657	2,690	98.8	-	-
	Subtotal	3,797	3,790	100.2	3,864	98.3
Total power sold		6,173	5,954	103.7	6,164	100.1

(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	2,033	2,068	98.3

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

Foodstuffs	102.9	Pulp and paper	91.6	Chemicals	104.1
Ceramics, stone and clay	127.2	Steel	106.0	Non-ferrous metals	84.3
Machinery	95.5				

(Table 2)

Overview of power supply during May 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	763	729	34	104.5
		Reservoir/pumped-storage	62	64	(2)	98.0
		Subtotal	825	793	32	104.0
	Thermal		4,092	3,290	802	124.4
	Nuclear		0	0	0	-
	Renewable		81	87	(6)	94.0
	Subtotal		4,998	4,170	828	119.8
	Power purchased from others		2,115	2,127	(12)	99.5
Interchange power		(718)	(23)	(695)	3,187.5	
Pumping-up power		(2)	(5)	3	29.2	
Total		6,393	6,269	124	102.0	
Water flow rate		99.3	115.1	(15.8)	-	