



May 28, 2014

Electricity Supply & Demand Report for April 2014

1. Electricity demand (See Table 1)

Electric power sold in April totaled 6,327 GWh, which was 101.3% as compared with the same period of the previous year despite higher temperature resulting in low demand for heating. This was because of a post-quake reconstruction, a recovery in production in large industrial sector and a longer period of meter reading than the previous year. It exceeded the results of the previous year for 3 consecutive months.

Sales by customer segment were as follows.

– Non-Specified Scale Demand (Excluding deregulated segment)

Despite higher temperature resulting in low demand for heating, due to a post-quake reconstruction and a longer period of meter reading than the previous year, power demand in the lighting (residential) sector was 100.9% as compared with the same period of the previous year, and which exceeded the result of the previous year for the first time in 2 months.

Non-specified scale demand in total was 101.2% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Despite higher temperature resulting in low demand for heating, due to a recovery in demand, electric power sold for commercial use was 100.3% year-on-year.

Overall power demand in the specified-scale sectors totaled 101.3% 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 101.4% year-on-year, due to a recovery in production.

Large-scale industrial demand exceeded the performance of the previous year for 7 consecutive months.

2. Electricity supply (See Table 2)

Due to higher temperature in the middle and end of the month resulting in low demand for heating, electricity generated and purchased in April totaled 6,468 GWh, 97.6% as compared with the same period of the previous year. It fell below the performance of the previous year for the first time in 4 months.

(Power generated by our own hydro power stations)

Because of a high flow rate which was 106.6% during this period and resumption of operating in hydro power stations damaged by the heavy rainfall in Niigata and Fukushima, hydro power generation increased 138 GWh, year-on-year, to 904 GWh.

(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 4,522 GWh, an increase of 109 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 the amount of vapor in geothermal power stations decreased, generated output totaled 72 GWh, a decrease of 5GWh, year-on-year.

(Power purchased)

Since operation of thermal power station of other companies was different from that of the same period of the previous year, total power purchased from others totaled 1,606 GWh, a decrease of 396 GWh from the same period of the previous year.

(Table 1)

Power demand during April 2014

(Units: GWh; %)

Segments		Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Year-to-year percentage (A/B)
Non-Specified Scale Demand	Lighting (Residential)	2,091	2,072	100.9
	Power	285	275	103.7
	Subtotal	2,376	2,347	101.2
Specified Scale Demand	Commercial	1,257	1,253	100.3
	Industrial and others	2,694	2,648	101.7
	Subtotal	3,951	3,901	101.3
Total power sold		6,327	6,248	101.3

(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	2,028	1,999	101.4

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

Foodstuffs	103.6	Pulp and paper	80.4	Chemicals	104.6
Ceramics, stone and clay	102.5	Steel	95.6	Non-ferrous metals	107.5
Machinery	101.2				

(Table 2)

Overview of power supply during April 2014

(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	867	721	146	120.2
		Reservoir/pumped-storage	37	45	(8)	83.8
		Subtotal	904	766	138	118.0
	Thermal		4,522	4,413	109	102.5
	Nuclear		0	0	0	-
	Renewable		72	77	(5)	93.7
	Subtotal		5,498	5,256	242	104.6
	Power purchased from others		1,606	2,002	(396)	80.2
Interchange power		(627)	(625)	(2)	100.3	
Pumping-up power		(9)	(4)	(5)	246.2	
Total		6,468	6,629	(161)	97.6	
Water flow rate		106.6	101.7	4.9	-	