



April 30, 2014

Electricity Supply & Demand Report for March 2014

1. Electricity demand (See Table 1)

Electric power sold in March totaled 7,164 GWh, which was 101.2% as compared with the same period of the previous year. This was because of a post-quake reconstruction and a recovery in production in large industrial sector. It exceeded the results of the previous year for 2 consecutive months.

Sales by customer segment were as follows.

– Non-Specified Scale Demand (Excluding deregulated segment)

Despite a post-quake reconstruction, due to a shorter period of meter reading than the previous year, power demand in the lighting (residential) sector was 98.9% as compared with the same period of the previous year, and which fell below the result of the previous year for the first time in 2 months.

Non-specified scale demand in total was 98.3% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Due to a post-quake reconstruction, electric power sold for commercial use was 101.5% year-on-year. Overall power demand in the specified-scale sectors totaled 103.2% 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 104.6% year-on-year, due to a recovery in production.

Large-scale industrial demand exceeded the performance of the previous year for 6 consecutive months.

2. Electricity supply (See Table 2)

Due to lower temperature in the beginning and middle of the month resulting in high demand for heating, electricity generated and purchased in March totaled 7,816 GWh, 103.7% as compared with the same period of the previous year. It exceeded the performance of the previous year for 3 consecutive months.

(Power generated by our own hydro power stations)

The flow rate was 103.0% during this period, which fell 5.5% as compared with the result of the previous year. But, because of resumption of operating in hydro power stations damaged by the heavy rainfall in Niigata and Fukushima, Hydro power generation increased 78 GWh, year-on-year, to 659 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 6,009 GWh, an increase of 1,112 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 79 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 1,782 GWh, a decrease of 492 GWh from the same period of the previous year.

(Table 1)

Power demand during March 2014

(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)	2,544	2,571	98.9	2,459	103.4
	Power	375	399	94.2	337	111.4
	Subtotal	2,919	2,970	98.3	2,796	104.4
Specified Scale Demand	Commercial	1,386	1,365	101.5	-	-
	Industrial and others	2,859	2,747	104.1	-	-
	Subtotal	4,245	4,112	103.2	4,253	99.8
Total power sold		7,164	7,082	101.2	7,049	101.6

(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	2,181	2,085	104.6

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

Foodstuffs	103.5	Pulp and paper	92.1	Chemicals	116.9
Ceramics, stone and clay	105.0	Steel	102.9	Non-ferrous metals	110.0
Machinery	101.8				

(Table 2)

Overview of power supply during March 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	615	538	77	114.3
		Reservoir/pumped-storage	44	43	1	103.4
		Subtotal	659	581	78	113.5
	Thermal		6,009	4,897	1,112	122.7
	Nuclear		0	0	0	-
	Renewable		79	84	(5)	95.1
	Subtotal		6,747	5,562	1,185	121.3
	Power purchased from others		1,782	2,274	(492)	78.4
Interchange power		(701)	(302)	(399)	232.5	
Pumping-up power		(12)	0	(12)	2,345.7	
Total		7,816	7,534	282	103.7	
Water flow rate		103.0	108.5	(5.5)	-	