

May 28, 2013

Electricity Supply & Demand Report for April 2013

1. Electricity demand (See Table 1)

Electric power sold in April totaled 6,248 GWh, which was 96.2% as compared with the same period of the previous year. This was because of a lower demand for heating resulting from higher temperature, and a lower operating rate in the large-scale industrial sector. It fell below the results of the previous year for 3 consecutive months.

– Non-Specified Scale Demand (Excluding deregulated segment)

Due to a lower demand for heating resulting from higher temperature, and a shorter time span of meter reading than the previous year, power demand in the lighting (residential) sector was 94.3% as compared with the same period of the previous year, and which fell below the result of the previous year for 3 consecutive months.

Non-specified scale demand in total was 93.7% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Due to a lower demand for heating resulting from higher temperature, electric power sold for commercial use was 99.8% year-on-year.

Overall power demand in the specified-scale sectors totaled 97.7% 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 96.3% 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 6 consecutive months.

2. Electricity supply (See Table 2)

Electricity generated and purchased in April totaled 6,629 GWh, 97.8% as compared with the same period of the previous year. It fell below the performance of the previous year for 3 consecutive months.

(Power generated by our own hydro power stations)

The flow rate was 101.7% during this period. Hydropower generation totaled 766 GWh, an increase of 81 GWh from the same period of the previous year.

(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 4,413 GWh, an increase of 555 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 77 GWh, a decrease of 10 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 2,002 GWh, a decrease of 23 GWh from the same period of the previous year.

(Table 1)

Power demand during April 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)	2,072	2,197	94.3	2,078	99.7
	Power	275	309	89.1	281	98.0
	Subtotal	2,347	2,506	93.7	2,359	99.5
Specified Scale Demand	Commercial	1,253	1,255	99.8	-	-
	Industrial and others	2,648	2,736	96.8	-	-
	Subtotal	3,901	3,991	97.7	3,980	98.0
Total power sold		6,248	6,497	96.2	6,339	98.6

(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	1,999	2,075	96.3

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

Foodstuffs	101.4	Pulp and paper	110.2	Chemicals	91.5
Ceramics, stone and clay	100.6	Steel	105.2	Non-ferrous metals	82.6
Machinery	94.2				

(Table 2)

Overview of power supply during April 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	721	633	88	114.0
		Reservoir/pumped-storage	45	52	(7)	85.3
		Subtotal	766	685	81	111.8
	Thermal		4,413	3,858	555	114.4
	Nuclear		0	0	0	-
	Renewable		77	87	(10)	88.5
	Subtotal		5,256	4,630	626	113.5
	Power purchased from others		2,002	2,025	(23)	98.8
Interchange power		(625)	125	(750)	(500.9)	
Pumping-up power		(4)	(2)	(2)	221.0	
Total		6,629	6,778	(149)	97.8	
Water flow rate		101.7	100.2	1.5	-	