

August 27, 2013

Electricity Supply & Demand Report for July 2013

1. Electricity demand (See Table 1)

Electric power sold in July totaled 6,075 GWh, which was 102.5% as compared with the same period of the previous year. This was because of a longer period of meter reading than the previous year and a post-quake reconstruction. It exceeded the results of the previous year for the first time in 2 months.

– Non-Specified Scale Demand (Excluding deregulated segment)

Due to a longer period of meter reading than the previous year and a post-quake reconstruction, power demand in the lighting (residential) sector was 106.8% 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 106.7% 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 105.0% year-on-year.

Overall power demand in the specified-scale sectors totaled 100.6% 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 97.6% year-on-year. Due to a low operating rate mainly at export-oriented companies, large-scale industrial demand fell below the performance of the previous year for 9 consecutive months.

2. Electricity supply (See Table 2)

Electricity generated and purchased in July totaled 6,822 GWh, 99.0% as compared with the same period of the previous year.

(Power generated by our own hydro power stations)

The flow rate was 119.6% during this period. Since the flow rate was higher than that of the previous year, hydro power generation increased 69 GWh, year-on-year, to 672 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 4,489 GWh, an increase of 609 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 71 GWh, a decrease of 11 GWh, year-on-year.

(Power purchased)

Since operation of other companies' thermal power stations was different from that of the same period of the previous year, total power purchased from others totaled 2,270 GWh, a decrease of 61 GWh from the same period of the previous year.

(Table 1)

Power demand during July 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)	1,671	1,564	106.8	1,687	99.0
	Power	296	278	106.3	294	100.7
	Subtotal	1,967	1,842	106.7	1,981	99.3
Specified Scale Demand	Commercial	1,289	1,227	105.0	-	-
	Industrial and others	2,819	2,858	98.7	-	-
	Subtotal	4,108	4,085	100.6	4,135	99.4
Total power sold		6,075	5,927	102.5	6,116	99.3

(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	2,134	2,186	97.6

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

Foodstuffs	104.2	Pulp and paper	96.9	Chemicals	96.5
Ceramics, stone and clay	102.5	Steel	99.9	Non-ferrous metals	84.4
Machinery	97.7				

(Table 2)

Overview of power supply during July 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	610	542	68	112.5
		Reservoir/pumped-storage	62	61	1	102.1
		Subtotal	672	603	69	111.5
	Thermal		4,489	3,880	609	115.7
	Nuclear		0	0	0	-
	Renewable		71	82	(11)	86.7
	Subtotal		5,232	4,565	667	114.6
	Power purchased from others		2,270	2,331	(61)	97.4
Interchange power		(677)	(2)	(675)	32,419.8	
Pumping-up power		(3)	(2)	(1)	205.4	
Total		6,822	6,892	(70)	99.0	
Water flow rate		119.6	87.7	31.9	-	