

September 25, 2013

Electricity Supply & Demand Report for August 2013

1. Electricity demand (See Table 1)

Electric power sold in August totaled 6,305 GWh, which was 97.3% as compared with the same period of the previous year. This was mainly because of the lower temperature than the previous year, resulting in a lower demand for air-conditioning. It fell below the results of the previous year for the first time in 2 months.

– Non-Specified Scale Demand (Excluding deregulated segment)

Due to the lower temperature than the previous year resulting in a lower demand for air-conditioning, power demand in the lighting (residential) sector was 96.1% 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 94.7% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Due to the lower temperature than the previous year resulting in a lower demand for air-conditioning, electric power sold for commercial use was 98.7% year-on-year.

Overall power demand in the specified-scale sectors totaled 98.5% 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 99.5% 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 10 consecutive months.

2. Electricity supply (See Table 2)

Electricity generated and purchased in August totaled 7,173 GWh, 97.0% as compared with the same period of the previous year.

(Power generated by our own hydro power stations)

The flow rate was 116.7% during this period. Since the flow rate was higher than that of the previous year, hydro power generation increased 183 GWh, year-on-year, to 625 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 5,020 GWh, an increase of 518 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 79 GWh, a decrease of 5 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 2,174 GWh, a decrease of 220 GWh from the same period of the previous year.

(Table 1)

Power demand during August 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)	1,752	1,822	96.1	1,773	98.8
	Power	305	351	87.2	331	92.4
	Subtotal	2,057	2,173	94.7	2,104	97.8
Specified Scale Demand	Commercial	1,426	1,444	98.7	-	-
	Industrial and others	2,822	2,866	98.4	-	-
	Subtotal	4,248	4,310	98.5	4,311	98.5
Total power sold		6,305	6,483	97.3	6,415	98.3

(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	2,104	2,114	99.5

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

Foodstuffs	101.3	Pulp and paper	99.9	Chemicals	98.4
Ceramics, stone and clay	105.3	Steel	106.1	Non-ferrous metals	100.6
Machinery	95.3				

(Table 2)

Overview of power supply during August 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	565	370	195	152.4
		Reservoir/pumped-storage	60	72	(12)	83.5
		Subtotal	625	442	183	141.2
	Thermal		5,020	4,502	518	111.5
	Nuclear		0	0	0	-
	Renewable		79	84	(5)	94.7
	Subtotal		5,724	5,028	696	113.9
	Power purchased from others		2,174	2,394	(220)	90.8
Interchange power		(720)	(6)	(714)	10,708.1	
Pumping-up power		(5)	(22)	17	25.4	
Total		7,173	7,394	(221)	97.0	
Water flow rate		116.7	66.8	49.9	-	