

October 31, 2013

Electricity Supply & Demand Report for the 1st half of FY2013

1. Electricity demand (See Table 1)

Electric power sold in the 1st half of FY2013 totaled 36,702 GWh, which was 98.6% compared with the same period of the previous year. While reconstruction demand increased, air conditioning demand decreased because of this summer's lower temperature than the previous year. It fell below the results of the previous year.

Sales by customer segment were as follows.

– Non-Specified Scale Demand (Excluding deregulated segment)

Power demand in the lighting (residential) sector was 98.6% compared with the previous fiscal year.

While reconstruction demand increased, air conditioning demand decreased because of this summer's lower temperature than the previous year.

Non-specified scale demand in total was 97.9% of the previous fiscal year.

– Specified Scale Demand (Deregulated segment)

Due to an increase in post-quake reconstruction demand, electric power sold for commercial use was 100.9% year-on-year.

Overall power demand in the specified-scale sectors totaled 99.0% of the previous fiscal 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 98.0% year-on-year because of a lower production in some industrial sectors.

2. Electricity supply (See Table 2)

Electricity generated and purchased in the 1st half of FY2013 totaled 39,810 GWh, 98.7% as compared with the same period of the previous year.

(Power generated by our own hydro power stations)

The flow rate was 107.3% during this period, due to plentiful rainfall. Hydropower generation totaled 4,135 GWh, an increase of 613 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 26,902 GWh, an increase of 3,680 GWh, year-on-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 the same period of the previous year, generated output totaled 436 GWh, a decrease of 61 GWh, year-on-year.

(Power purchased)

Due to a decrease in demand and an increase in our own hydro power generation, thermal power purchased from other companies decreased. Total power purchased from others totaled 12,473 GWh, a decrease of 583 GWh from the same period of the previous year.

(Table 1)

Power demand during the 1st half of FY2013

(Units: GWh; %)

Segments		Actual GWh, Current year (A)	Actual GWh, Previous year (B)	Year-to-year percentage (A/B)	Planned GWh, Current year (C)	Actual over planned percentage (A/C)
Non-Specified Scale Demand	Lighting (Residential)	10,819	10,976	98.6	10,836	99.8
	Power	1,743	1,858	93.8	1,763	98.9
	Subtotal	12,562	12,834	97.9	12,599	99.7
Specified Scale Demand	Commercial	7,645	7,580	100.9	-	-
	Industrial and others	16,495	16,812	98.1	-	-
	Subtotal	24,140	24,392	99.0	24,535	98.4
Total power sold		36,702	37,226	98.6	37,134	98.8

(Reference)

Sold to large-scale industrial customers

(Units: GWh; %)

	Actual GWh, Current year (A)	Actual GWh, Previous year (B)	Year-to-year percentage (A/B)
Large-scale industrial customers	12,442	12,694	98.0

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

Foodstuffs	102.3	Pulp and paper	99.6	Chemicals	97.1
Ceramics, stone and clay	105.3	Steel	104.7	Non-ferrous metals	88.0
Machinery	96.2				

(Table 2)

Overview of power supply during the 1st half of FY2013

(Units: GWh; %)

Segments			Actual GWh, Current year (A)	Actual GWh, Previous year (B)	Difference (A-B)	Year-to-year percentage (A/B)
Power by our own plants	Hydroelectric	Natural inflow	3,809	3,176	633	119.9
		Reservoir/pumped-storage	326	346	(20)	94.1
		Subtotal	4,135	3,522	613	117.4
	Thermal		26,902	23,222	3,680	115.8
	Nuclear		0	0	0	-
	Renewable		436	497	(61)	87.9
	Subtotal		31,473	27,241	4,232	115.5
	Power purchased from others		12,473	13,056	(583)	95.5
Interchange power		(4,116)	79	(4,195)	(5,229.5)	
Pumping-up power		(20)	(53)	33	40.3	
Total		39,810	40,323	(51.3)	98.7	
Water flow rate		107.3	91.9	15.4	-	