



October 30, 2014

Electricity Supply & Demand Report for the 1st Half of FY2014

1. Electricity demand (See Table 1)

Electric power sold in the 1st half of FY2014 totaled 36,307 GWh, which was 98.9% year-on-year.

While there were continuous post-quake reconstructions, decrease in air conditioning demand due to a warm spring and a cool summer and other factors lowered our electricity sales.

Sales by customer segment were as follows:

– Non-Specified Scale Demand (Excluding deregulated segment)

While there were continuous post-quake reconstructions, decrease in air conditioning demand due to a warm spring and a cool summer and other factors lowered power demand in the lighting (residential) sector, which was 96.7% year-on-year.

Non-specified scale demand in total was 96.9% of the previous fiscal year.

– Specified Scale Demand (Deregulated segment)

Although there were continuous post-quake reconstructions, decrease in air conditioning demand due to a warm spring and a cool summer and other factors lowered electric power sold for commercial use, which was 99.2% year-on-year. Overall power demand in the specified-scale sectors totaled 100.0% 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

While a post-quake reconstruction and a recovery of production continue, a low operating rate in some companies as well as an increase in the outputs of private generators lowered our large-scale industrial demand in total, which was 100.2% year-on-year.

2. Electricity supply (See Table 2)

Electricity generated and purchased in the 1st half of FY2014 totaled 39,201 GWh, 98.5% year-on-year, which fell below the performance of the previous year.

(Power generated by our own hydro power stations)

Even though a flow rate was down 2.8% year-on-year to 104.5%, a resumption of hydro power stations damaged by the torrential rain in Niigata and Fukushima increased our hydro power generation output, which totaled 4,625 GWh, an increase of 490 GWh year-on-year.

(Power generated by our own thermal power stations)

Because of an increase in hydro power generation output and a decrease in demand lowered our own thermal power generated output to 26,609 GWh, a decrease of 293 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 inspections. Therefore, there was no output from nuclear power stations.

(Power generated by our own renewable power stations)

Differences of geothermal power stations' operations and other factors increased our renewable generated output to 439 GWh, an increase of 3 GWh year-on-year.

(Power purchased)

Differences of thermal power stations' operation of other companies and other factors decreased our power purchased from others to 11,262 GWh, a decrease of 1,211 GWh year-on-year.

(Table 1)

Power demand during the 1st half of FY2014

(Units: GWh; %)

Segments		Actual GWh, Current year (A)	Actual GWh, Previous year (B)	Year-on-year percentage (A/B)
Non-Specified Scale Demand	Lighting (Residential)	10,463	10,819	96.7
	Power	1,712	1,743	98.2
	Subtotal	12,175	12,562	96.9
Specified Scale Demand	Commercial	7,586	7,645	99.2
	Industrial and others	16,546	16,495	100.3
	Subtotal	24,132	24,140	100.0
Total power sold		36,307	36,702	98.9

(Reference)

Sold to large-scale industrial customers

(Units: GWh; %)

	Actual GWh, Current year (A)	Actual GWh, Previous year (B)	Year-on-year percentage (A/B)
Large-scale industrial customers	12,473	12,442	100.2

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

Foodstuffs	101.4	Pulp and paper	85.5	Chemicals	104.5
Ceramics, stone and clay	102.5	Steel	91.9	Non-ferrous metals	105.8
Machinery	100.9				

(Table 2)

Overview of power supply during the 1st half of FY2014

(Units: GWh; %)

Segments			Actual GWh, Current year (A)	Actual GWh, Previous year (B)	Difference (A-B)	Year-on-year percentage (A/B)
Power by our own plants	Hydroelectric	Natural inflow	4,294	3,809	485	112.7
		Reservoir/pumped-storage	331	326	5	101.6
		Subtotal	4,625	4,135	490	111.9
	Thermal		26,609	26,902	(293)	98.9
	Nuclear		0	0	0	-
	Renewable		439	436	3	100.6
	Subtotal		31,673	31,473	200	100.6
	Power purchased from others		11,262	12,473	(1,211)	90.3
Interchange power		(3,698)	(4,116)	418	89.9	
Pumping-up power		(36)	(20)	(16)	171.4	
Total		39,201	39,810	(609)	98.5	
Water flow rate		104.5	107.3	(2.8)	-	