

July 26, 2011

Electricity Supply & Demand Report for June 2011

1. Electricity demand (See Table 1)

Electric power sold in June totaled 5.519 billion kWh, which was 87.0% compared to the same period of the previous year, and which fell below the result of the previous year for the fourth consecutive month because of the Great East Japan Earthquake. Sales by customer segment were as follows:

– Non-Specified Scale Demand (Excluding deregulated segment)

Power demand in the lighting (residential) sector was 90.2% compared to the same period of the previous year because of the Great East Japan Earthquake.

Non-specified scale demand in total was 90.1% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Electric power sold for commercial use was 81.4% year-on-year, and which fell below the result of the previous year because of the Great East Japan Earthquake.

Overall power demand in the specified-scale sectors totaled 85.5% 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 86.9% year-on-year because of the Great East Japan Earthquake, and which fell below the result of the previous year for the fourth consecutive month.

2. Electricity supply (See Table 2)

Electricity generated and purchased in June totaled 6.042 billion kWh, 87.3% compared to the same period of the previous year, and which fell below the result of the previous year for the fourth consecutive month because of the Great East Japan Earthquake.

(Power generated by our own hydro power plants)

There was ample during this period with a high water flow rate of 118.6%.

Due to different water flow rate compared to the previous fiscal year, hydropower generation totaled 846 million kWh, an increase in 86 million kWh from the same period of the previous year.

(Power generated by our own thermal power plants)

Because of the Great East Japan Earthquake and Tsunami, undamaged thermal power plants operated higher than the previous year to offset thermal power generation of damaged power plants. And due to different operational conditions of the thermal power plants, thermal power generated at our own plants totaled 3.333 billion kWh, an increase in 859 million kWh from the same period of the previous year.

(Power generated by our own nuclear power plants)

Because of the Great East Japan Earthquake and Tsunami, all reactors of Onagawa nuclear power station were automatically shut down. Higashidori nuclear power station unit 1 has been shut down due to the 4th regular inspection since February 6, 2011. So, there was no nuclear power generated by our own nuclear power plants.

(Power generated by our own renewable power plants)

Due to different operational conditions of the geothermal power plants compared to the same period of the previous year, total power generated rose to 75 million kWh, a increase in 9 million kWh from the same period of the previous year.

(Power purchased)

Due to shut down of several plants of others caused by the Great East Japan Earthquake and Tsunami, and different operational conditions of others, total power purchased from others fell to 1.252 billion kWh, a decrease in 720 million kWh from the same period of the previous year.

(Table 1)

Power demand during June 2011

(Units: million kWh; %)

Segments		Actual kWh, Current month (A)	Actual kWh, Previous year (B)	Year-to-year percentage (A/B)	Planned kWh, Current month (C)	Actual over planned (A/C)
Non-Specified Scale Demand	Lighting (Residential)	1,585	1,756	90.2	-	-
	Power	271	303	89.6	-	-
	Subtotal	1,856	2,059	90.1	-	-
Specified Scale Demand	Commercial	1,045	1,284	81.4	-	-
	Industrial and others	2,618	3,003	87.2	-	-
	Subtotal	3,663	4,287	85.5	-	-
Total power sold		5,519	6,346	87.0	-	-

(Reference)

Sold to large-scale industrial customers

(Units: million kWh; %)

	Actual kWh, Current month (A)	Actual kWh, Previous year (B)	Year-to-year percentage (A/B)
Large-scale industrial customers	1,991	2,292	86.9

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

Foodstuffs	88.5	Pulp and paper	85.8	Chemicals	96.8
Ceramics, stone and clay	91.4	Steel	64.0	Non-ferrous metals	86.7
Machinery	91.5				

(Table 2)

Overview of power supply during June 2011

(Units: million kWh; %)

Segments			Actual kWh, Current month (A)	Actual kWh, Previous year (B)	Difference (A-B)	Year-to-year percentage (A/B)
Power by our own plants	Hydroelectr	Natural inflow	776	693	83	112.1
		Reservoir/pumped-storage	70	67	3	104.7
		Subtotal	846	760	86	111.4
	Thermal		3,333	2,474	859	134.7
	Nuclear		0	2,008	-2,008	0.0
	Renewable		75	66	9	113.6
	Subtotal		4,254	5,308	-1,054	80.2
Power purchased from others			1,252	1,972	-720	63.5
Interchange power			562	-352	914	-159.7
Pumping-up power			-26	-3	-23	862.3
Total			6,042	6,925	-883	87.3
Water flow rate			118.6	106.8	11.8	—