

June 22, 2011

Electricity Supply & Demand Report for May 2011

1. Electricity demand (See Table 1)

Electric power sold in May totaled 5.545 billion kWh, which was 85.1% compared to the same period of the previous year, and which fell below the result of the previous year for the third 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 88.1% compared to the same period of the previous year because of the Great East Japan Earthquake.

Non-specified scale demand in total was 87.7% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Electric power sold for commercial use was 80.4% 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 83.5% 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 84.8% year-on-year because of the Great East Japan Earthquake, and which fell below the result of the previous year for the third consecutive month.

2. Electricity supply (See Table 2)

Electricity generated and purchased in May totaled 5.893 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 third 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 116.5%.

Due to different water flow rate compared to the previous fiscal year, hydropower generation totaled 1.055 billion kWh, an increase in 83 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 2.970 billion kWh, an increase in 797 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 fell to 70 million kWh, a decrease in 27 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 1.283 billion kWh, a decrease in 773 million kWh from the same period of the previous year.

(Table 1)

Power demand during May 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)	1,867	2,119	88.1	-	-
	Power	278	326	85.2	-	-
	Subtotal	2,145	2,445	87.7	-	-
Specified Scale Demand	Commercial	1,001	1,246	80.4	-	-
	Industrial and others	2,399	2,827	84.8	-	-
	Subtotal	3,400	4,073	83.5	-	-
Total power sold		5,545	6,518	85.1	-	-

(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	1,847	2,178	84.8

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

Foodstuffs	90.1	Pulp and paper	78.0	Chemicals	98.0
Ceramics, stone and clay	83.2	Steel	47.6	Non-ferrous metals	81.6
Machinery	92.9				

(Table 2)

Overview of power supply during May 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	986	921	65	107.0
		Reservoir/pumped-storage	69	51	18	135.6
		Subtotal	1,055	972	83	108.5
	Thermal		2,970	2,173	797	136.6
	Nuclear		0	2,076	-2,076	0.0
	Renewable		70	97	-27	72.8
	Subtotal		4,095	5,318	-1,223	77.0
Power purchased from others			1,283	2,056	-773	62.4
Interchange power			560	-621	1,181	-90.2
Pumping-up power			-45	-5	-40	907.4
Total			5,893	6,748	-855	87.3
Water flow rate			116.5	108.8	7.7	-