

August 30, 2016

Electricity Supply & Demand Report for July 2016

1. Electricity Demand (See Table 1)

Electric power sold in July declined from a year ago to 5,714 GWh, which was 95.0% compared to the same period of the previous year. A shorter period of meter reading and a decrease in cooling demand due to an extended period of cooler than normal temperatures as well as a decrease in contract demand lowered our electric power sold year-on-year.

The details are as follows:

– Lighting (Residential)

Power demand in the lighting (residential) sector was 95.0% compared to the same period of the previous year due to a shorter period of meter reading and a decrease in cooling demand caused by an extended period of cooler than normal temperatures.

– Power

Power demand in the power sector was 95.0% compared to the same period of the previous year due to a decrease in cooling demand caused by an extended period of cooler than normal temperatures and a decrease in contract demand and other factors.

(Table 1)

(Unit: GWh)

Segments	Actual GWh, Current month (A)	Actual GWh, Same month last year (B)	Year-to-year (%) (A/B)
Lighting (Residential)	1,514	1,594	95.0
Power	4,200	4,424	95.0
Total of electricity sales	5,714	6,018	95.0

2. Electricity Supply (See Table 2)

Our generated and purchased power in July totaled 6,518 GWh, which was 92.9% compared to the same period of the previous year.

(Power generated by our own hydro power stations)

Our hydro power generated output totaled 515 GWh, a decrease of 94 GWh from the previous year, due to a lower-than-normal water flow rate of 65.9%, which was 9.8% lower year-on-year.

(Power generated by our own thermal power stations)

Due to a decrease in demand and other factors lowered our thermal power generated output to 4,609 GWh, a decrease of 172 GWh from the previous year.

(Power generated by our own nuclear power stations)

All units of the Onagawa Nuclear Power Station and unit 1 of the Higashidori Nuclear Power Station have been shut down because of a regular inspection; therefore, there was no generated output from our nuclear power stations.

(Power generated by our own facilities using renewables and new energy)

Owing to differences in operational conditions at our geothermal power stations and other factors, the amount of generated output was 81 GWh, an increase of 4 GWh from the previous year.

(Power purchased from other companies)

Differences in operational conditions in other companies' thermal power stations and other factors decreased the amount of our power purchased from other companies to 2,020 GWh, a decrease of 94 GWh from the previous year.

(Table 2)

Summary of power supply for July 2016

(Unit: GWh)

Segments			Actual GWh, Current month (A)	Actual GWh, Same month last year (B)	Difference (A-B)	Year-to-year (%) (A/B)
Power generated by our own stations	Hydroelectric	Natural inflow	464	555	(91)	83.6
		Reservoir/Pumped storage	51	54	(3)	95.7
		Subtotal	515	609	(94)	84.7
	Thermal		4,609	4,781	(172)	96.4
	Nuclear		0	0	0	-
	Renewables		81	77	4	103.9
	Subtotal		5,205	5,467	(262)	95.2
	Power purchased from other companies		2,020*	2,114	(94)*	95.6*
Interchanged power		(706)	(561)	(145)	125.9	
Pumping-up power		(1)	(4)	3	34.9	
Total		6,518*	7,016	(498)*	92.9*	
Water flow rate		65.9	75.7	(9.8)	-	

*Including projected power supply for imbalances of new power companies