

August 30, 2017

Electricity Supply & Demand Report for July 2017

1. Electricity Demand (See Table 1)

Electric power sold in July decreased from a year ago to 5,655 GWh, which was 99.0% compared to the same period last year. Even with an increase in cooling demand due to higher temperature than the previous year, a decrease in contract demand lowered the electric power sold in total.

The details are as follows:

– Lighting (Residential)

Thanks to an increase in cooling demand due to higher temperature than the previous year, the power demand in the lighting (residential) sector was 101.0% compared to the same period of the previous year.

– Power

Despite an increase in cooling demand caused by higher temperature than the previous year, power demand in the power sector was 98.2% compared to the same period of the previous year due to a decrease in contract demand.

(Table 1)

(Unit: GWh)

Segments	Actual GWh, Current month (A)	Actual GWh, Same month last year (B)	Year-to-year (%) (A/B)
Lighting (Residential)	1,530	1,514	101.0
Power	4,125	4,200	98.2
Total of electricity sales	5,655	5,714	99.0

2. Electricity Supply (See Table 2)

Our generated and purchased power in July totaled 6,683 GWh, which was 102.9% compared to the same period of the previous year.

(Power generated by our own hydroelectric power stations)

Our hydro power generated output totaled 711 GWh, a year-on-year increase of 196 GWh, owing to high water flow rate of 116.9%.

(Power generated by our own thermal power stations)

Due to differences in operational conditions and other factors, our thermal power generated output was 4,909 GWh, an increase of 300 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 in geothermal power stations and other factors, generated output of renewables and new energy was down to 64 GWh, a year-on-year decrease of 16 GWh.

(Power purchased from other companies)

Due to an increase in sales of power on Japan Electric Power Exchange, power purchased from other companies was 1,736 GWh, a decrease of 265 GWh from the previous year.

(Table 2)

Summary of power supply for July 2017

(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	655	464	191	141.1
		Reservoir/Pumped storage	56	51	5	109.9
		Subtotal	711	515	196	138.0
	Thermal	4,909	4,609	300	106.5	
	Nuclear	0	0	0	-	
	Renewables	64	80	(16)	79.3	
	Subtotal	5,684	5,204	480	109.2	
	Power purchased from other companies	1,736*	2,001	(265)*	86.8*	
Interchanged power	(732)*	(707)	(25)*	103.5*		
Pumping-up power	(5)	(1)	(4)	423.4		
Total	6,683*	6,497	186*	102.9*		
Water flow rate	116.9	65.9	51.0	-		

*Including projected power supply for imbalances of new power companies.