

September 26, 2017

Electricity Supply & Demand Report for August 2017

1. Electricity Demand (See Table 1)

Electric power sold in August decreased from a year ago to 5,899 GWh, which was 95.2% compared to the same period last year. Total electric power sold was lowered by a decrease in contract demand as well as a decrease in cooling demand due to lower temperature than the previous year.

The details are as follows:

– Lighting (Residential)

Due to a decrease in contract demand and other factors, the power demand in the lighting (residential) sector was 98.0 % compared to the same period of the previous year.

– Power

Power demand in the power sector was 94.0% compared to the same period of the previous year owing to a decrease in contract demand as well as a decrease in cooling demand due to lower temperature than the previous year.

(Table 1)

(Unit: GWh)

Segments	Actual GWh, Current month (A)	Actual GWh, Same month last year (B)	Year-to-year (%) (A/B)
Lighting (Residential)	1,731	1,767	98.0
Power	4,168	4,432	94.0
Total of electricity sales	5,899	6,200	95.2

2. Electricity Supply (See Table 2)

Our generated and purchased power in August totaled 6,385 GWh, which was 92.4% compared to the same period of the previous year.

(Power generated by our own hydroelectric power stations)

Our hydro power generated output totaled 750 GWh, a year-on-year increase of 217 GWh, owing to high water flow rate of 127.3%.

(Power generated by our own thermal power stations)

Due to differences in operational conditions and other factors, our thermal power generated output was 4,498 GWh, a decrease of 357 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 66 GWh, a year-on-year decrease of 14 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 1,801 GWh, a decrease of 352 GWh from the previous year.

(Table 2)

Summary of power supply for August 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	694	486	208	142.9
		Reservoir/Pumped storage	56	47	9	120.6
		Subtotal	750	533	217	140.9
	Thermal	4,498	4,855	(357)	92.6	
	Nuclear	0	0	0	-	
	Renewables	66	80	(14)	83.1	
	Subtotal	5,314	5,468	(154)	97.2	
	Power purchased from other companies	1,801*	2,153	(352)*	83.7*	
Interchanged power	(728)*	(709)	(19)*	102.6*		
Pumping-up power	(2)	(3)	1	131.5		
Total	6,385*	6,909	(524)*	92.4*		
Water flow rate	127.3	94.5	32.8	-		

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