

June 27, 2017

Electricity Supply & Demand Report for May 2017

1. Electricity Demand (See Table 1)

Electric power sold in May decreased from a year ago to 5,542 GWh, which was 97.7% compared to the same period last year. Even with an increase in heating demand caused by lower temperature in late April than last year, a decrease in contract demand and other factors lowered the electric power sold in total.

The details are as follows:

– Lighting (Residential)

A decrease in contract demand and other factors lowered power demand in the lighting (residential) sector, surpassing an increase in heating demand caused by lower temperature in late April than last year; thus the power demand in the lighting (residential) sector was 98.4% compared to the same period of the previous year.

– Power

Due to a decrease in contract demand and other factors, power demand in the power sector was 97.4% compared to the same period of 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)	1,759	1,788	98.4
Power	3,783	3,883	97.4
Total of electricity sales	5,542	5,670	97.7

2. Electricity Supply (See Table 2)

Our generated and purchased power in May totaled 5,894 GWh, which was 97.5% compared to the same period of the previous year.

(Power generated by our own hydroelectric power stations)

Our hydroelectric power generated output totaled 1,018 GWh, a year-on-year increase of 306 GWh, owing to high water flow rate of 109.6%.

(Power generated by our own thermal power stations)

Due to differences in operational conditions and other factors, our thermal power generated output was down to 3,547 GWh, a year-on-year decrease of 792 GWh.

(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 60 GWh, a year-on-year decrease of 19 GWh.

(Power purchased from other companies)

Due to differences in operational condition in other companies' thermal power stations, power purchased from other companies was 1,833 GWh, a year-on-year increase of 209 GWh.

(Table 2)

Summary of power supply for May 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	955	646	309	147.8
		Reservoir/Pumped storage	63	66	(3)	94.6
		Subtotal	1,018	712	306	142.9
	Thermal	3,547	4,339	(792)	81.8	
	Nuclear	0	0	0	-	
	Renewables	60	79	(19)	76.4	
	Subtotal	4,625	5,130	(505)	90.2	
Power purchased from other companies		1,833*	1,624	209*	112.8*	
Interchanged power		(549)*	(703)	154*	78.1*	
Pumping-up power		(15)	(7)	(8)	194.8	
Total		5,894*	6,044	(150)*	97.5*	
Water flow rate		109.6	68.9	40.7	-	

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