

July 26, 2017

## Electricity Supply & Demand Report for June 2017

### 1. Electricity Demand (See Table 1)

Electric power sold in June decreased from a year ago to 5,293 GWh, which was 95.3% compared to the same period last year. A decrease in contract demand and a decline in production in some customers lowered the electric power sold in total.

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 98.2% compared to the same period of the previous year.

#### – Power

Due to a decrease in contract demand and a decline in production in some customers, power demand in the power sector was 94.3% 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)	1,447	1,474	98.2
Power	3,847	4,079	94.3
Total of electricity sales	5,293	5,553	95.3

## **2. Electricity Supply (See Table 2)**

Our generated and purchased power in June totaled 5,757 GWh, which was 94.0% compared to the same period of the previous year.

(Power generated by our own hydroelectric power stations)

Even though water flow rate was 97.0%, it surpassed that of the previous year, which was 63.1%. As a result, our hydro power generated output increased by 206 GWh from the previous year, totaling 699 GWh.

(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 3,662 GWh, a year-on-year decrease of 889 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 57 GWh, a year-on-year decrease of 7 GWh.

(Power purchased from other companies)

Due to differences in operational condition in other companies' thermal power stations, power purchased from other companies was 1,945 GWh, a year-on-year increase of 284 GWh.

(Table 2)

## Summary of power supply for June 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	635	433	202	146.8
		Reservoir/Pumped storage	64	60	4	105.3
		Subtotal	699	493	206	141.6
	Thermal	3,662	4,551	(889)	80.5	
	Nuclear	0	0	0	-	
	Renewables	57	64	(7)	89.7	
	Subtotal	4,418	5,108	(690)	86.5	
	Power purchased from other companies	1,945*	1,661	284*	117.2*	
Interchanged power	(596)*	(637)	41*	93.6*		
Pumping-up power	(10)	(9)	(1)	103.7		
Total	5,757*	6,123	(366)*	94.0*		
Water flow rate	97.0	63.1	33.9	-		

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