

November 27, 2017

## Electricity Supply & Demand Report for October 2017

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

Electric power sold in October decreased from a year ago to 5,289 GWh, which was 93.7% compared to the same period last year. Total electric power sold was lowered due to a shorter period of meter reading and a decrease in contract demand.

The details are as follows:

#### – Lighting (Residential)

Owing to a shorter period of meter reading and a decrease in contract demand, the power demand in the lighting (residential) sector was 92.9 % compared to the same period of the previous year.

#### – Power

Power demand in the power sector was 94.1% compared to the same period of the previous year mainly 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)	1,484	1,598	92.9
Power	3,805	4,044	94.1
Total of electricity sales	5,289	5,642	93.7

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

Our generated and purchased power in October totaled 6,111 GWh, which was 99.0% compared to the same period of the previous year.

(Power generated by our own hydroelectric power stations)

Our hydro power generated output totaled 480 GWh, a year-on-year increase of 82 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 4,666 GWh, an increase of 633 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 regular inspections; 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 up to 67 GWh, a year-on-year increase of 3 GWh.

(Power purchased from other companies (net))

Due to differences in operational conditions in other companies' power stations, net power purchased from other companies was 1,612 GWh, a decrease of 435 GWh from the previous year.

(Table 2)

## Summary of power supply for October 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	455	374	81	121.6
		Reservoir/Pumped storage	25	24	1	109.9
		Subtotal	480	398	82	120.9
	Thermal	4,666	4,033	633	115.7	
	Nuclear	0	0	0	-	
	Renewables	67	64	3	103.6	
	Subtotal	5,213	4,495	718	116.0	
	Power purchased from other companies (net)	1,612*	2,047	(435)*	78.8*	
Interchanged power (net)	(712)*	(369)	(343)*	192.8*		
Pumping-up power	(2)	(2)	0	74.0		
Total	6,111*	6,171	(60)*	99.0*		
Water flow rate	116.9	89.3	27.6	-		

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