

April 25, 2017

## Electricity Supply & Demand Report for March 2017

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

Electric power sold in March decreased from a year ago to 6,811 GWh, which was 98.8% compared to the same period of the previous year. An extended period of lower temperatures than last year increased the heating demand, but a decrease in contract demand and other factors lowered total electricity demand.

The details are as follows:

#### – Lighting (Residential)

Thanks to an extended period of lower temperatures than last year, heating demand was increased compared to the same period of the previous year. As a result, power demand in the lighting (residential) sector was 100.7% 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 97.8% 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)	2,519	2,503	100.7
Power	4,292	4,391	97.8
Total of electricity sales	6,811	6,893	98.8

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

Our generated and purchased power in March totaled 7,349 GWh, which was 101.2% compared to the same period of the previous year.

(Power generated by our own hydro power stations)

Our hydro power generated output was down to 593 GWh, a decrease of 203 GWh from the previous year, owing to a low water flow rate of 79.3%.

(Power generated by our own thermal power stations)

Due to differences in operational conditions and other factors, our thermal power generated output was up to 5,376 GWh, an increase of 29 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 81 GWh, a decrease of 4 GWh from the previous year.

(Power purchased from other companies)

Due to a decrease in power received from other companies' hydro power, power purchased from other companies was 1,657 GWh, a decrease of 43 GWh from the previous year.

(Table 2)

## Summary of power supply for March 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	550	752	(202)	73.1
		Reservoir/Pumped storage	43	44	(1)	96.3
		Subtotal	593	796	(203)	74.4
	Thermal		5,376	5,347	29	100.6
	Nuclear		0	0	0	-
	Renewables		81	85	(4)	96.1
	Subtotal		6,050	6,228	(178)	97.2
	Power purchased from other companies		1,657*	1,700	(43)*	97.5*
Interchanged power		(353)*	(666)	313*	53.1*	
Pumping-up power		(5)	(2)	(3)	324.5	
Total		7,349*	7,260	89*	101.2*	
Water flow rate		79.3	104.6	(25.3)	-	

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