

May 30, 2017

## Electricity Supply & Demand Report for April 2017

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

Electric power sold in April increased from a year ago to 6,106 GWh, which was 100.1% compared to the same period of the previous year. Even though our contract demand was decreased, it was offset by an increase in heating demand resulting from an extended period of lower temperatures than last year.

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 104.2% 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 97.9% 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)	2,175	2,087	104.2
Power	3,930	4,015	97.9
Total of electricity sales	6,106	6,102	100.1

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

Our generated and purchased power in April totaled 6,060 GWh, which was 97.0% compared to the same period of the previous year.

(Power generated by our own hydro power stations)

Our hydro power generated output totaled 884 GWh, a year-on-year increase of 5 GWh, owing to high water flow rate of 101.5%.

(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 3,884 GWh, a year-on-year decrease of 373 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 69 GWh, a year-on-year decrease of 12 GWh.

(Power purchased from other companies)

Due to an increase in power trading (sales) on Japan Electric Power Exchange, power purchased from other companies was 1,623 GWh, a year-on-year decrease of 32 GWh.

(Table 2)

## Summary of power supply for April 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	837	826	11	101.3
		Reservoir/Pumped storage	47	53	(6)	89.4
		Subtotal	884	879	5	100.5
	Thermal	3,884	4,257	(373)	91.2	
	Nuclear	0	0	0	-	
	Renewables	69	81	(12)	84.8	
	Subtotal	4,837	5,217	(380)	92.7	
	Power purchased from other companies	1,623*	1,655	(32)*	98.1*	
Interchanged power	(385)*	(613)	228*	62.7*		
Pumping-up power	(15)	(9)	(6)	168.5		
Total	6,060*	6,250	(190)*	97.0*		
Water flow rate	101.5	86.4	15.1	-		

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