

February 28, 2017

Electricity Supply & Demand Report for January 2017

1. Electricity Demand (See Table 1)

Electric power sold in January decreased from a year ago to 7,191 GWh, which was 99.2% compared to the same period of the previous year. Even though an extended period of low temperatures increased heating demand, a decrease in contract demand lowered total electricity demand.

The details are as follows:

– Lighting (Residential)

Thanks to an increase in heating demand caused by an extended period of low temperatures, power demand in the lighting (residential) sector was 101.3% compared to the same period of the previous year.

– Power

Despite an increase in heating demand, power demand in the power sector was 97.9% compared to the same period of the previous year resulting from 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)	2,800	2,764	101.3
Power	4,391	4,485	97.9
Total of electricity sales	7,191	7,249	99.2

2. Electricity Supply (See Table 2)

Our generated and purchased power in January totaled 8,010 GWh, which was 98.3% compared to the same period of the previous year.

(Power generated by our own hydro power stations)

Our water flow rate in January was higher-than-normal 113.6%. Nevertheless, differences in operational conditions, including inspections, lowered our hydro power generated output to 617 GWh, a decrease of 9 GWh from the previous year.

(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 5,565 GWh, a decrease of 601 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 78 GWh, a decrease of 8 GWh from the previous year.

(Power purchased from other companies)

Due to differences in operational conditions in other companies' thermal power stations and other factors, power purchased from other companies was 2,146 GWh, an increase of 164 GWh from the previous year.

(Table 2)

Summary of power supply for January 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	566	588	(22)	96.1
		Reservoir/Pumped storage	51	38	13	137.1
		Subtotal	617	626	(9)	98.6
	Thermal	5,565	6,166	(601)	90.2	
	Nuclear	0	0	0	-	
	Renewables	78	86	(8)	90.7	
	Subtotal	6,260	6,878	(618)	91.0	
Power purchased from other companies		2,146*	1,982	164*	108.3*	
Interchanged power		(394)*	(710)	316*	55.5*	
Pumping-up power		(2)	(2)	0	87.8	
Total		8,010*	8,148	(138)*	98.3*	
Water flow rate		113.6	112.3	1.3	-	

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