

February 27, 2018

Electricity Supply & Demand Report for January 2018

1. Electricity Demand (See Table 1)

Electric power sold in January increased from a year ago to 7,274 GWh, which was 101.1% compared to the same period last year. The electricity demand was pushed up mainly due to an increase in heating demand resulting from lower temperature than the previous year.

The details are as follows:

– Lighting (Residential)

Thanks to an increase in heating demand resulting from lower temperature than the previous year, the power demand in the lighting (residential) sector was 105.7% compared to the same period of the previous year.

– Power

Even with an increase in heating demand resulting from lower temperature than the previous year, power demand in the power sector was 98.2% 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)	2,959	2,800	105.7
Power	4,314	4,391	98.2
Total of electricity sales	7,274	7,191	101.1

2. Electricity Supply (See Table 2)

Our generated and purchased power in January totaled 7,935 GWh, which was 99.4% compared to the same period of the previous year.

(Power generated by our own hydroelectric power stations)

Even though a water flow rate in January was 104.4%, it was lower than that of the previous year by 9.2%. As a result, our hydro power generated output was down to 599 GWh, a decrease of 18 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 6,259 GWh, an increase of 695 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 84 GWh, a year-on-year increase of 6 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 1,668 GWh, a decrease of 451 GWh from the previous year.

(Table 2)

Summary of power supply for January 2018

(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	542	565	(23)	96.0
		Reservoir/Pumped storage	57	52	5	111.4
		Subtotal	599	617	(18)	97.3
	Thermal	6,259	5,564	695	112.5	
	Nuclear	0	0	0	-	
	Renewables	84	78	6	107.2	
	Subtotal	6,942	6,259	683	110.9	
Power purchased from other companies (net)		1,668*	2,119	(451)*	78.7*	
Interchanged power (net)		(665)*	(394)	(271)*	168.6*	
Pumping-up power		(10)	(2)	(8)	452.5	
Total		7,935*	7,982	(47)*	99.4*	
Water flow rate		104.4	113.6	(9.2)	-	

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