

March 28, 2018

Electricity Supply & Demand Report for February 2018

1. Electricity Demand (See Table 1)

Electric power sold in February decreased from a year ago to 6,898 GWh, which was 99.8% compared to the same period last year. Even with an increase in heating demand resulting from lower temperature than the previous year, total electric power sold was lowered mainly due to a decrease in contract demand.

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 103.2% 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 97.8% 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)	2,646	2,564	103.2
Power	4,252	4,347	97.8
Total of electricity sales	6,898	6,910	99.8

2. Electricity Supply (See Table 2)

Our generated and purchased power in February totaled 7,219 GWh, which was 100.7% compared to the same period of the previous year.

(Power generated by our own hydroelectric power stations)

Our hydro power generated output was down to 491 GWh, a decrease of 38 GWh from the previous year, due to a low water flow rate of 89.2%.

(Power generated by our own thermal power stations)

Due to differences in operational conditions and other factors, our thermal power generated output was 5,540 GWh, an increase of 474 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 77 GWh, a year-on-year increase of 4 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 1,800 GWh, a decrease of 27 GWh from the previous year.

(Table 2)

Summary of power supply for February 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	446	478	(32)	93.3
		Reservoir/Pumped storage	45	51	(6)	88.1
		Subtotal	491	529	(38)	92.8
	Thermal	5,540	5,066	474	109.4	
	Nuclear	0	0	0	-	
	Renewables	77	73	4	104.9	
	Subtotal	6,108	5,668	440	107.8	
Power purchased from other companies (net)		1,800*	1,827	(27)*	98.5*	
Interchanged power (net)		(680)*	(323)	(357)*	210.2*	
Pumping-up power		(9)	(1)	(8)	-	
Total		7,219*	7,171	48*	100.7*	
Water flow rate		89.2	106.9	(17.7)	-	

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