

December 27, 2016

Electricity Supply & Demand Report for November 2016

1. Electricity Demand (See Table 1)

Electric power sold in November increased from a year ago to 5,887 GWh, which was 101.5% compared to the same period of the previous year. An increase in heating demand caused by an extended period of low temperatures after late October pushed up the electricity demand.

The details are as follows:

– Lighting (Residential)

Thanks to an increase in heat demand caused by an extended period of low temperatures after late October, power demand in the lighting (residential) sector was 105.4% compared to the same period of the previous year.

– Power

Despite an increase in heating demand after late October, power demand in the power sector was 99.8% 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)	1,859	1,764	105.4
Power	4,028	4,038	99.8
Total of electricity sales	5,887	5,802	101.5

2. Electricity Supply (See Table 2)

Our generated and purchased power in November totaled 6,802 GWh, which was 102.3% compared to the same period of the previous year.

(Power generated by our own hydro power stations)

Our hydro power generated output totaled 420 GWh, a decrease of 31 GWh from the previous year, due to a lower-than-normal water flow rate of 77.2%, which was 4.4% lower year-on-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 4,860 GWh, a decrease of 134 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 70 GWh, a decrease of 6 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 1,855 GWh, an increase of 46 GWh from the previous year.

(Table 2)

Summary of power supply for November 2016

(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	402	435	(33)	92.6
		Reservoir/Pumped storage	18	16	2	111.2
		Subtotal	420	451	(31)	93.2
	Thermal		4,860	4,994	(134)	97.3
	Nuclear		0	0	0	-
	Renewables		70	76	(6)	91.0
	Subtotal		5,350	5,521	(171)	96.9
	Power purchased from other companies		1,855*	1,809	46*	102.6*
Interchanged power		(400)*	(679)	279*	58.9*	
Pumping-up power		(3)	(1)	(2)	928.7	
Total		6,802*	6,650	152*	102.3*	
Water flow rate		77.2	81.6	(4.4)	-	

*Including projected power supply for imbalances of new power companies