

October 25, 2017

Electricity Supply & Demand Report for September 2017

1. Electricity Demand (See Table 1)

Electric power sold in September decreased from a year ago to 5,466 GWh, which was 89.9% compared to the same period last year. Total electric power sold was lowered by a decrease in cooling demand due to lower temperature than the previous year as well as a decrease in contract demand.

The details are as follows:

– Lighting (Residential)

Owing to a decrease in cooling demand due to lower temperature than the previous year and a decrease in contract demand, the power demand in the lighting (residential) sector was 88.6 % compared to the same period of the previous year.

– Power

Power demand in the power sector was 90.5% compared to the same period of the previous year owing to a decrease in cooling demand due to lower temperature than the previous year and 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)	1,550	1,749	88.6
Power	3,916	4,328	90.5
Total of electricity sales	5,466	6,078	89.9

2. Electricity Supply (See Table 2)

Our generated and purchased power in September totaled 5,715 GWh, which was 90.6% compared to the same period of the previous year.

(Power generated by our own hydroelectric power stations)

Our hydro power generated output totaled 545 GWh, a year-on-year decrease of 19 GWh, owing to low water flow rate of 96.3%.

(Power generated by our own thermal power stations)

Due to differences in operational conditions and other factors, our thermal power generated output was 4,203 GWh, a decrease of 26 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 down to 57 GWh, a year-on-year decrease of 14 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 1,614 GWh, a decrease of 392 GWh from the previous year.

(Table 2)

Summary of power supply for September 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	499	537	(38)	93.0
		Reservoir/Pumped storage	46	27	19	166.8
		Subtotal	545	564	(19)	96.7
	Thermal	4,203	4,229	(26)	99.4	
	Nuclear	0	0	0	-	
	Renewables	57	71	(14)	78.9	
	Subtotal	4,805	4,864	(59)	98.8	
Power purchased from other companies (net)		1,614*	2,006	(392)*	80.4*	
Interchanged power (net)		(696)*	(561)	(135)*	124.3*	
Pumping-up power		(8)	(2)	(6)	335.4	
Total		5,715*	6,307	(592)*	90.6*	
Water flow rate		96.3	107.9	(11.6)	-	

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