

October 25, 2016

Electricity Supply & Demand Report for September 2016

1. Electricity Demand (See Table 1)

Electric power sold in September increased from a year ago to 6,078 GWh, which was 104.7% compared to the same period of the previous year. A longer period of meter reading and an increase in cooling demand caused by an extended period of hot temperatures after mid-August contributed to the demand increase.

The details are as follows:

– Lighting (Residential)

Power demand in the lighting (residential) sector was 110.0% compared to the same period of the previous year. Thanks to a longer period of meter reading and an increase in cooling demand caused by an extended period of hot temperatures after mid-August raised the demand.

– Power

Power demand in the power sector was 102.6% compared to the same period of the previous year due to an increase in cooling demand caused by an extended period of hot temperatures after mid-August.

(Table 1)

(Unit: GWh)

Segments	Actual GWh, Current month (A)	Actual GWh, Same month last year (B)	Year-to-year (%) (A/B)
Lighting (Residential)	1,749	1,590	110.0
Power	4,328	4,217	102.6
Total of electricity sales	6,078	5,807	104.7

2. Electricity Supply (See Table 2)

Our generated and purchased power in September totaled 6,323 GWh, which was 103.4% compared to the same period of the previous year.

(Power generated by our own hydro power stations)

Our hydro power generated output totaled 564 GWh, an increase of 40 GWh from the previous year, thanks to a high water flow rate of 107.9%, up 4.8% 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 4,228 GWh, a decrease of 108 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 72 GWh, an increase of 3 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 2,022 GWh, an increase of 210 GWh from the previous year.

(Table 2)

Summary of power supply for September 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	536	507	29	105.8
		Reservoir/Pumped storage	28	17	11	171.3
		Subtotal	564	524	40	107.8
	Thermal		4,228	4,336	(108)	97.5
	Nuclear		0	0	0	-
	Renewables		72	69	3	104.0
	Subtotal		4,864	4,929	(65)	98.7
	Power purchased from other companies		2,022*	1,812	210*	111.6*
Interchanged power		(560)*	(624)	64*	89.7*	
Pumping-up power		(3)	(1)	(2)	209.7	
Total		6,323*	6,116	207*	103.4*	
Water flow rate		107.9	103.1	4.8	-	

*Including projected power supply for imbalances of new power companies