

September 29, 2016

Electricity Supply & Demand Report for August 2016

1. Electricity Demand (See Table 1)

Electric power sold in August declined from a year ago to 6,200 GWh, which was 96.7% compared to the same period of the previous year. A longer period of meter reading could not cover a decrease in cooling demand caused by an extended period of cooler than normal temperatures in mid-July to early August and a decrease in contract demand.

The details are as follows:

– Lighting (Residential)

Power demand in the lighting (residential) sector was 97.4% compared to the same period of the previous year. Although the meter reading period was longer than the previous year, a decrease in cooling demand caused by an extended period of cooler than normal temperatures in mid-July to early August lowered the demand.

– Power

Power demand in the power sector was 96.4% compared to the same period of the previous year due to a decrease in contract demand and other factors.

(Table 1)

(Unit: GWh)

Segments	Actual GWh, Current month (A)	Actual GWh, Same month last year (B)	Year-to-year (%) (A/B)
Lighting (Residential)	1,767	1,814	97.4
Power	4,432	4,600	96.4
Total of electricity sales	6,200	6,414	96.7

2. Electricity Supply (See Table 2)

Our generated and purchased power in August totaled 6,928 GWh, which was 99.8% compared to the same period of the previous year.

(Power generated by our own hydro power stations)

Our hydro power generated output totaled 532 GWh, an increase of 71 GWh from the previous year.

The water flow rate was 94.5%, lower-than-normal rate; nevertheless it exceeded that of the previous year by 25.1%.

(Power generated by our own thermal power stations)

Thanks to an increase in hydro power generated output, our thermal power generated output was down to 4,855 GWh, a decrease of 99 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 at our geothermal power stations and other factors, the amount of generated output of renewables and new energy was 80 GWh, a decrease of 1 GWh from the previous year.

(Power purchased from other companies)

Power purchased from other companies was 2,171 GWh, about the same level year on year, since an increase in power purchased from solar power was offset by a decrease in power purchased from other companies.

(Table 2)

Summary of power supply for August 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	486	414	72	117.6
		Reservoir/Pumped storage	46	47	(1)	97.7
		Subtotal	532	461	71	115.5
	Thermal		4,855	4,954	(99)	98.0
	Nuclear		0	0	0	-
	Renewables		80	81	(1)	98.7
	Subtotal		5,467	5,496	(29)	99.5
	Power purchased from other companies		2,171*	2,158	13*	100.6*
Interchanged power		(708)	(708)	0	99.9	
Pumping-up power		(2)	(5)	3	40.1	
Total		6,928*	6,941	(13)*	99.8*	
Water flow rate		94.5	69.4	25.1	-	

*Including projected power supply for imbalances of new power companies