

September 29, 2015

Electricity Supply & Demand Report for August 2015

1. Electricity demand (See Table 1)

Electric power sold in August totaled 6,414GWh, which was 99.9% year-on-year. Despite a continuous post-quake reconstruction and an increased cooling demand thanks to higher temperature, a shorter period of meter reading remained the sales about the same level year-on-year.

Sales by customer segment were as follows.

– Non-Specified Scale Demand (Excluding deregulated segment)

Even with a continues post-quake reconstruction and an increased cooling demand due to higher temperature, power demand in the lighting (residential) sector was 99.5% year-on-year, due to a shorter period of meter reading. It fell below the results of the previous year for the first time in two months.

Non-specified scale demand in total was 99.9% year-on-year.

– Specified Scale Demand (Deregulated segment)

Our electric power sold for commercial use was 100.8% year-on-year, thanks to a continuing recovery trend in demand and an increased cooling demand due to higher temperature. It exceeded the results of the previous year for the first time in seven months.

Overall power demand in the specified-scale sectors totaled 99.9% year-on-year.

In the industrial and other sectors, power demand mostly came from large-scale industrial customers, as described in the reference below.

[Reference]

– Large-scale industrial demand

Despite a post-quake reconstruction and a continuous recovery of production in some sectors, periodic maintenances of some customers' facilities decreased our large-scale industrial demand in total. As a result, our large-scale industrial demand was 98.2% year-on-year.

2. Electricity supply (See Table 2)

Our electricity generated and purchased in August totaled 6,941GWh, 99.3% year-on-year, which fell below the performance of the previous year for the first time in two months.

(Power generated by our own hydro power stations)

Our hydro power generated output totaled 461GWh, a year-on-year decrease of 240GWh, owing to the low water flow rate of 69.4%, which was 43.6% below that of previous year.

(Power generated by our own thermal power stations)

Differences in thermal power stations' operations and other factors increased our own thermal power generated output to 4,954GWh, a year-on-year increase of 132GWh.

(Power generated by our own nuclear power stations)

All units of Onagawa nuclear power station and unit 1 of Higashidori nuclear power station have been shut down because of regular inspection. Therefore, there was no generated output from nuclear power stations.

(Power generated by our own renewable power stations)

Our own renewable power generated output was 81GWh, about the same level year-on-year.

(Power purchased)

Differences in other companies' operation of thermal power stations increased our power purchased from others to 2,158GWh, a year-on-year increase of 60GWh.

(Table 1)

Power demand for August 2015

(Units: GWh; %)

Segments		Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Year-to-year percentage (A/B)
Non-Specified Scale Demand	Lighting (Residential)	1,814	1,822	99.5
	Power	339	333	101.6
	Subtotal	2,153	2,155	99.9
Specified Scale Demand	Commercial	1,452	1,440	100.8
	Industrial and others	2,810	2,827	99.4
	Subtotal	4,261	4,267	99.9
Total power sold		6,414	6,422	99.9

(Reference)

Large-scale industrial demand

(Units: GWh; %)

	Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Year-to-year percentage (A/B)
Large-scale industrial customers	2,059	2,097	98.2

Year-to-year percentage by sectors (%), Large-scale industrial customers

Foodstuffs	102.0	Pulp and paper	95.7	Chemicals	103.7
Ceramics, stone and clay	86.4	Steel	103.9	Non-ferrous metals	88.3
Machinery	98.8				

(Table 2)

Summary of power supply for August 2015

(Units: GWh; %)

Segments			Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Difference (A-B)	Year-to-year percentage (A/B)
Power by our own plants	Hydroelectric	Natural inflow	414	633	(219)	65.3
		Reservoir/pumped-storage	47	68	(21)	69.9
		Subtotal	461	701	(240)	65.7
	Thermal		4,954	4,822	132	102.7
	Nuclear		0	0	0	-
	Renewable		81	81	0	100.6
	Subtotal		5,496	5,604	(108)	98.1
	Power purchased from others		2,158	2,098	60	102.9
Interchange power		(708)	(698)	(10)	101.5	
Pumping-up power		(5)	(12)	7	47.1	
Total		6,941	6,992	(51)	99.3	
Water flow rate		69.4	113.0	(43.6)	-	