

November 30, 2015

Electricity Supply & Demand Report for October 2015

1. Electricity demand (See Table 1)

Electric power sold in October totaled 5,724 GWh, which was 97.8% year-on-year. Even with a continuous post-quake reconstruction, a shorter period for meter reading and our customers' energy saving efforts lowered our electric power sold year-on-year.

Sales by customer segment were as follows:

– Non-Specified Scale Demand (Excluding deregulated segment)

The power demand in the lighting (residential) sector was 97.5% year-on-year. A continuous post-quake reconstruction could not cover the decline in the lighting (residential) sector demand caused by a shorter period for meter reading and our customers' energy saving efforts.

Non-specified scale demand in total was 97.1% year-on-year.

– Specified Scale Demand (Deregulated segment)

Concerning electric power sold for commercial use, a continuous recovery trend of demand could not cover the decrease in demand due to our customers' energy saving efforts. As a result, our electric power sold for commercial use was 97.4% year-on-year.

Overall power demand in the specified-scale sectors totaled 98.1% 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

Our large-scale industrial demand was 99.0% year-on-year. Despite a post-quake reconstruction and a continuous recovery of production in some sectors, an increase in outputs of private generators and a decrease in production in some companies decreased our large-scale industrial demand in total.

2. Electricity supply (See Table 2)

Our electricity generated and purchased in October totaled 6,366 GWh, 98.7% year-on-year, which fell below the performance of the previous year for three consecutive months.

(Power generated by our own hydro power stations)

Our hydro power generated output totaled 388 GWh, a year-on-year decrease of 41 GWh, owing to low water flow rate of 80.2%, which was 11.6% lower year-on-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 4,818 GWh, a year-on-year increase of 793 GWh.

(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)

Differences of geothermal power stations' maintenances and other factors decreased our own renewable power generated output to 68 GWh, a year-on-year decrease of 19 GWh.

(Power purchased)

Differences in other companies' operation of thermal power stations and other factors decreased our power purchased from others to 1,790 GWh, a year-on-year decrease of 478 GWh.

(Table 1)

Power demand for October 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)	1,622	1,633	97.5
	Power	256	271	94.6
	Subtotal	1,878	1,934	97.1
Specified Scale Demand	Commercial	1,111	1,140	97.4
	Industrial and others	2,734	2,780	98.4
	Subtotal	3,845	3,920	98.1
Total power sold		5,724	5,854	97.8

(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	2,100	2,120	99.0

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

Food products	101.8	Pulp and paper	95.6	Chemicals	98.8
Ceramics	103.1	Steel	101.2	Non-ferrous metals	94.5
Machinery	98.4				

(Table 2)

Summary of power supply for October 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	371	409	(38)	90.8
		Reservoir/pumped-storage	17	20	(3)	87.2
		Subtotal	388	429	(41)	90.7
	Thermal		4,818	4,025	793	119.7
	Nuclear		0	0	0	0.0
	Renewable		68	87	(19)	78.1
	Subtotal		5,274	4,541	733	116.1
	Power purchased from others		1,790	2,268	(478)	78.9
Interchange power		(697)	(353)	(344)	197.6	
Pumping-up power		(1)	(4)	3	16.2	
Total		6,366	6,452	(86)	98.7	
Water flow rate		80.2	91.8	(11.6)	-	