

December 24, 2015

Electricity Supply & Demand Report for November 2015

1. Electricity demand (See Table 1)

Electric power sold in November totaled 5,802 GWh, which was 98.5% year-on-year. Even with a continuous post-quake reconstruction and a longer period for meter reading, a decrease in heating demand due to extended periods of warmer than normal temperatures 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)

Even with a continuous post-quake reconstruction and a longer period for meter reading, the power demand in the lighting (residential) sector was 99.3% year-on-year, due to a decreased heating demand caused by extended periods of warmer than normal temperatures and our customers' energy saving efforts.

Non-specified scale demand in total was 99.3% 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 a decreased heating demand caused by extended periods of warmer than normal temperatures and our customers' energy saving efforts. As a result, our electric power sold for commercial use was 97.6% year-on-year.

Overall power demand in the specified-scale sectors totaled 98.0% 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 98.3% year-on-year. Despite a continuous post-quake reconstruction, periodic maintenances of some customers' facilities and lower production volume decreased our large-scale industrial demand in total.

2. Electricity supply (See Table 2)

Our electricity generated and purchased in November totaled 6,650 GWh, 98.3% year-on-year, which fell below the performance of the previous year for four consecutive months.

(Power generated by our own hydro power stations)

Our hydro power generated output totaled 451 GWh, a year-on-year decrease of 89 GWh, owing to low water flow rate of 81.6%, which was 12.8% 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 4,994 GWh, a year-on-year increase of 855 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 76 GWh, a year-on-year decrease of 1 GWh.

(Power purchased)

Differences in other companies' operation of thermal power stations and other factors decreased our power purchased from others to 1,809 GWh, a year-on-year decrease of 465 GWh.

(Table 1)

Power demand for November 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)	1,764	1,778	99.3
	Power	225	227	99.1
	Subtotal	1,990	2,005	99.3
Specified Scale Demand	Commercial	1,139	1,167	97.6
	Industrial and others	2,673	2,721	98.3
	Subtotal	3,812	3,888	98.0
Total power sold		5,802	5,893	98.5

(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	2,031	2,066	98.3

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

Food products	102.5	Pulp and paper	92.6	Chemicals	94.0
Ceramics	98.2	Steel	98.1	Non-ferrous metals	94.0
Machinery	99.3				

(Table 2)

Summary of power supply for November 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	435	523	(88)	83.1
		Reservoir/pumped-storage	16	17	(1)	93.1
		Subtotal	451	540	(89)	83.5
	Thermal		4,994	4,139	855	120.7
	Nuclear		0	0	0	0.0
	Renewable		76	77	(1)	99.8
	Subtotal		5,521	4,756	765	116.1
	Power purchased from others		1,809	2,274	(465)	79.5
Interchange power		(679)	(263)	(416)	257.2	
Pumping-up power		(1)	(3)	2	8.6	
Total		6,650	6,764	(114)	98.3	
Water flow rate		81.6	94.4	(12.8)	-	