

June 20, 2016

Electricity Supply & Demand Report for April 2016

1. Electricity Demand (See Table 1)

Electric power sold in April declined from a year ago to 6,120 GWh, which was 96.6% compared to the same period of the previous year. Even with an increase in heating demand due to colder temperatures in late March than the previous year, a shorter period of meter reading and our customers' energy saving efforts lowered our electric power sold year-on-year.

The details are as follows:

– Lighting (Residential)

Power demand in the lighting (residential) sector was 97.6% compared to the same period of the previous year. Although there was an increase in heating demand due to colder temperatures in late March than the previous year, a shorter period of meter reading and our customers' energy saving efforts lowered the lightning demand as a total.

– Power

Power demand in the power sector was 96.1% compared to the same period of the previous year due to a decrease in some customers' operations together with 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)	2,087	2,137	97.6
Power	4,015	4,178	96.1
Total of electricity sales	6,102	6,315	96.6

2. Electricity Supply (See Table 2)

Our generated and purchased power in April totaled 6,252 GWh, which was 98.0% compared to the same period of the previous year because of a decrease in heating demand due to warmer temperatures in early April than the previous year. This was below the year-before level for the two consecutive months.

(Power generated by our own hydro power stations)

Our hydro power generated output totaled 879 GWh, an decrease of 89 GWh from the previous year, despite a lower-than-normal water flow rate of 86.4%, which was 27.1% lower year-on-year.

(Power generated by our own thermal power stations)

Due to differences in operational conditions and other factors, the amount of our thermal power generated output was 4,257 GWh, an increase of 521 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 was 81 GWh, a decrease of 1 GWh from the previous year.

(Power purchased from other companies)

Differences in operational conditions in other companies' thermal power stations and other factors decreased the amount of our power purchased from other companies to 1,656 GWh, a decrease of 239 GWh from the previous year.

(Table 2)

Summary of power supply for April 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	826	909	(83)	90.9
		Reservoir/Pumped storage	53	59	(6)	88.7
		Subtotal	879	968	(89)	90.7
	Thermal		4,257	3,736	521	114.0
	Nuclear		0	0	0	-
	Renewables		81	82	(1)	99.3
	Subtotal		5,217	4,786	431	109.0
	Power purchased from other companies		1,656	1,895	(239)	87.4
Interchanged power		(612)	(289)	(323)	211.9	
Pumping-up power		(9)	(10)	1	91.2	
Total		6,252	6,382	(130)	98.0	
Water flow rate		86.4	113.5	(27.1)	-	

(Attachment) Partial Revision of “Electricity Supply & Demand” Classification

Partial Revision of “Electricity Supply & Demand” Classification

With full-scale liberalization of retail electricity sales starting 1 April, 2016, we have revised the classification of “Electricity Demand” as follows:

■ “Electricity Demand” classification change

- We have reclassified Electricity Demand into two segments; “Lighting” and “Power”. This is because “Specified Scale Demand^{*1}”, the demand of deregulated customers before 1 April, 2016, has been abolished due to full-scale liberalization of retail electricity sales.^{*2}
- New segment “Power” is sum of “Power” in non-specified scale demand and “Specified Scale Demand”.
- In accordance with reclassification, we have discontinued “Large-Scale Industrial Demand”.
- Previous year results and year comparisons have been reclassified to the new segments.

*1. “Specified-scale Demand” indicates the demand of deregulated customers before full-scale liberalization of retail electricity sales. They were high-voltage or extra-high-voltage customers, whose contract capacities were primarily more than 50kW.

*2. The Electricity Demand includes the demand outside of Tohoku region and Niigata prefecture.

