

March 26, 2013

Electricity Supply & Demand Report for February 2013

1. Electricity demand (See Table 1)

Electric power sold in February totaled 7,169 GWh, which was 95.1% as compared with the same period of the previous year. This was because of the shorter time span of meter reading than the previous year and a lower operating rate in the large-scale industrial sector. It fell below the results of the previous year for the first time in 12 months.

For your information, the comparison of the year before last year is also shown in Table 1.

– Non-Specified Scale Demand (Excluding deregulated segment)

Due to a shorter time span of meter reading than the previous year, a lower demand for heating resulting from higher temperature, power demand in the lighting (residential) sector was 93.4% as compared with the same period of the previous year, and which fell below the result of the previous year for the first time in 7 months.

Non-specified scale demand in total was 92.2% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

Due to a rebound in sales after the impact of the Great East Japan Earthquake, electric power sold for commercial use was 100.9% year-on-year. It exceeded the results of the previous year for 12 consecutive months.

Overall power demand in the specified-scale sectors totaled 97.3% of the same period of the previous 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

Large-scale industrial demand in total was 94.7% year-on-year. Due to a low operating rate mainly at export-oriented companies, large-scale industrial demand fell behind the performance of the previous year for 3 consecutive months.

2. Electricity supply (See Table 2)

Electricity generated and purchased in February totaled 7,693 GWh, 96.5% as compared with the same period of the previous year due to the effect of the 2012 leap year, and a higher temperature than the same period of the previous year. It fell below the performance of the previous year for the first time in 13 months.

For your information, the comparison of the year before the last year is also shown in Table 2.

(Power generated by our own hydro power stations)

The flow rate was 85.8% during this period.

Due to the higher flow rate than the previous year, hydropower generation totaled 354 GWh, an increase of 34 GWh from the same period of the previous year.

(Power generated by our own thermal power stations)

Since operation of power stations was different from that of the same period of the previous year, generated output totaled 5,267 GWh, an increase of 90 GWh from the same period of the previous year.

(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, so there was no nuclear power generation.

(Power generated by our own renewable power stations)

Since operation of geothermal power stations was different from that of the same period of the previous year, generated output totaled 70 GWh, a decrease of 19 GWh, year-on-year.

(Power purchased)

Since operation of power stations was different from that of the same period of the previous year, total power purchased from others totaled 2,280 GWh, an increase of 53 GWh from the same period of the previous year.

(Table 1)

Power demand during February 2013

(Units: GWh; %)

Segments		Actual kWh, Current month (A)	Actual kWh, Previous year (B)	Year-to-year percentage (A/B)	Planned kWh, Current month (C)	Actual over planned percentage (A/C)	Reference	
							Actual kWh, The year before last year (D)	The year before last year percentage (A/D)
Non-Specified Scale Demand	Lighting (Residential)	2,592	2,776	93.4	2,550	101.6	2,648	97.9
	Power	418	488	85.7	404	103.6	457	91.5
	Subtotal	3,010	3,264	92.2	2,954	101.9	3,105	96.9
Specified Scale Demand	Commercial	1,481	1,468	100.9	-	-	1,536	96.5
	Industrial and others	2,678	2,806	95.4	-	-	2,930	91.4
	Subtotal	4,159	4,274	97.3	4,113	101.1	4,466	93.1
Total power sold		7,169	7,538	95.1	7,067	101.5	7,571	94.7

(Reference)

Sold to large-scale industrial customers

(Units: GWh; %)

	Actual kWh, Current month (A)	Actual kWh, Previous year (B)	Year-to-year percentage (A/B)	Actual kWh, The year before last year (C)	The year before last year percentage (A/C)
Large-scale industrial customers	1,954	2,063	94.7	2,174	89.8

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

(The year before last year)

Foodstuffs	99.7 (96.0)	Pulp and paper	118.0 (78.2)	Chemicals	102.0 (84.7)
Ceramics, stone and clay	120.4 (126.6)	Steel	96.2 (97.4)	Non-ferrous metals	83.4 (80.0)
Machinery	94.1 (86.8)				

(Table 2)

Overview of power supply during February 2013

(Units: GWh; %)

(Units: GWh, %)

Segments			Actual kWh,	Actual kWh,	Difference	Year-to-year percentage	Reference (The year before last year)		
			Current month (A)	Previous year (B)			(A-B)	Actual kWh (C)	Difference (A-C)
Power by our own plants	Hydroelectric	Natural inflow	324	289	35	112.1	520	(196)	62.4
		Reservoir/pumped-storage	30	31	(1)	98.2	34	(4)	89.3
		Subtotal	354	320	34	110.8	554	(200)	64.0
	Thermal		5,267	5,177	90	101.7	4,037	1,230	130.5
	Nuclear		0	0	0	-	1,063	(1,063)	0.0
	Renewable		70	89	(19)	79.3	66	4	105.9
	Subtotal		5,691	5,586	105	101.9	5,720	(29)	99.5
Power purchased from others			2,280	2,227	53	102.4	2,212	68	103.1
Interchange power			(277)	169	(446)	(164.1)	(159)	(118)	175.0
Pumping-up power			(1)	(11)	10	7.0	0	(1)	24,900.0
Total			7,693	7,971	(278)	96.5	7,773	(80)	99.0
Water flow rate			85.8	81.8	4.0	-	110.7	(24.9)	-