TOHOKU ELECTRIC POWER CO., INC.

January 28, 2014

Electricity Supply & Demand Report for December 2013

1. Electricity demand (See Table 1)

Electric power sold in December totaled 6,493 GWh, which was 96.5% as compared with the same period of the previous year. Despite the post-quake reconstruction and a recovery of operational rate in large industrial sector, due to a shorter period of metering and higher temperature resulting in low demand for heating, electric power sold fell below the performance of the previous year for the first time in 2 months.

– Non-Specified Scale Demand (Excluding deregulated segment)

While reconstruction demand increased, due to a shorter period of metering and higher temperature resulting in low demand for heating, power demand in the lighting (residential) sector was 89.8% 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 2 months.

Non-specified scale demand in total was 89.3% of the same period of the previous year.

– Specified Scale Demand (Deregulated segment)

While reconstruction demand increased, due to higher temperature resulting in low demand for heating, electric power sold for commercial use was 99.3% year-on-year.

Overall power demand in the specified-scale sectors totaled 101.3% 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 102.6% year-on-year, due to a recovery of operational rate in some industrial sectors. Large-scale industrial demand exceeded the performance of the previous year for 3 consecutive months.

2. Electricity supply (See Table 2)

Due to higher temperature resulting in low demand for heating, electricity generated and purchased in December totaled 7,916 GWh, 98.7% as compared with the same period of the previous year. It fell below the performance of the previous year for the first time in 3 months.

(Power generated by our own hydro power stations)

Due to low rainfall in areas around the power stations, the flow rate was 98.0% during this period. The flow rate was still higher than that of previous year (72.8%), hydro power generation increased 206 GWh, year-on-year, to 612 GWh.

(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 5,863 GWh, an increase of 574 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 80 GWh, an increase of 16 GWh, year-on-year.

(Power purchased)

Since operation of thermal power station of other companies was different from that of the same period of the previous year, total power purchased from others totaled 2,069 GWh, a decrease of 412 GWh from the same period of the previous year.

(Table 1)

Power demand during December 2013

(Units: GWh; %)

Segments		Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Year-to-year percentage (A/B)	Planned GWh, Current month (C)	Actual over planned percentage (A/C)
Non-Specified Scale Demand	Lighting (Residential)	2,120	2,361	89.8	2,118	100.1
	Power	272	319	85.4	262	103.7
	Subtotal	2,392	2,680	89.3	2,380	100.5
Specified Scale Demand	Commercial	1,329	1,338	99.3	-	-
	Industrial and others	2,772	2,710	102.3	-	-
	Subtotal	4,101	4,048	101.3	4,232	96.9
Total power sold		6,493	6,728	96.5	6,612	98.2

(Reference)

Sold to large-scale industrial customers

(Units: GWh; %)

	Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Year-to-year percentage (A/B)
Large-scale industrial customers	2,090	2,036	102.6

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

Foodstuffs	102.0	Pulp and paper	95.6	Chemicals	98.5
Ceramics, stone and clay	105.3	Steel	108.4	Non-ferrous metals	110.0
Machinery	100.6				

(Table 2)

Overview of power supply during December 2013

(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	576	391	185	147.5
		Reservoir/pumped-storage	36	15	21	247.5
		Subtotal	612	406	206	151.1
	Thermal		5,863	5,289	574	110.9
	Nuclear		0	0	0	-
	Renewable		80	64	16	124.1
	Subtotal		6,555	5,759	796	113.8
Power purchased from others			2,069	2,481	(412)	83.4
Interchange power			(706)	(216)	(490)	327.7
Pumping-up power			(2)	(6)	4	24.5
Total			7,916	8,018	(102)	98.7
Water flow rate			98.0	72.8	25.2	-