

## Electricity Demand in December 2014 (Confirmed Report)

### Demand Overview (Total Sales of 10 Power Companies)

- Electricity demand in December 2014, measured in terms of the total electricity sales of the ten power companies, was down year on year, decreasing by 1.3% to 67.9 billion kWh.

- Outside the liberalized segment, lighting demand dropped by 1.5 %, due principally to decreased heating demands caused by relatively higher temperatures in late November than last year.

Commercial demand in the liberalized segment also declined by 2.0%, due mainly to decreased heating demands.

Lighting Demand (down 1.5% on the year, 23.37 billion kWh in total)

Commercial Demand (down 2.0% on the year, 14.54 billion kWh in total)

(Reference)

Large industrial user demand dropped year on year for the eighth consecutive month, decreasing by 0.6%.

This was mainly due to a year-on-year decrease in major industries except for textiles, paper & pulp, non-ferrous metals and machinery.

Large Industrial Demand (down 0.6% on the year, 21.57 billion kWh in total)

### Demand Change by Use

By Use		Year-on-year Change (%)													
		FY2013	Dec. 2013	Jan. 2014	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Other than Eligible Customers' Use	Lighting Total	-0.7	-9.4	1.4	0.2	3.1	0.6	-5.5	-2.7	-4.1	-6.5	-14.1	-3.1	-5.2	-1.5
	Power	-2.1	-10.5	-1.9	-1.7	-0.2	0.2	-6.2	-4.7	-6.5	-7.4	-15.1	-6.4	-5.6	-1.5
	Lighting & Power Total	-0.8	-9.5	1.0	0.0	2.7	0.5	-5.6	-3.0	-4.4	-6.7	-14.2	-3.6	-5.3	-1.5
Eligible Customers' Use	Commercial Power	-0.8	-2.5	-2.8	-1.4	0.3	-0.4	-3.0	-2.6	-4.8	-5.6	-8.6	-6.8	-4.1	-2.0
	Industrial Power	0.4	1.7	2.7	2.2	2.6	1.0	-0.0	-0.2	-1.1	-2.3	-2.0	-2.6	-1.6	-0.7
	Eligible Customers' Use Total	0.0	0.2	0.6	0.8	1.8	0.5	-1.0	-1.0	-2.4	-3.6	-4.5	-4.1	-2.4	-1.2
Total Electricity Sales		-0.4	-3.9	0.8	0.4	2.2	0.5	-2.8	-1.7	-3.1	-4.8	-8.1	-3.9	-3.5	-1.3

### Demand Change by Company and Use (% change on year)

By Company		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
Other than Eligible Customers' Use	Lighting	-0.7	6.4	2.2	-4.5	-0.9	-5.6	-5.5	-1.2	-6.8	-1.4	-11.4	-1.5
	Power	3.9	14.7	0.4	-6.4	4.4	-6.2	-8.6	-3.9	-8.4	-1.7	0.9	-1.5
	Lighting & Power Total	0.1	7.4	2.1	-4.7	-0.3	-5.6	-5.8	-1.6	-7.0	-1.4	-4.8	-1.5
Eligible Customers' Use	Commercial Power	-1.2	1.9	-2.6	-2.7	5.4	-3.2	-1.9	1.5	-4.9	-2.0	9.5	-2.0
	Industrial Power	0.6	0.3	-2.4	0.4	3.1	-2.3	0.7	3.8	-0.7	-0.7	-2.8	-0.7
	Sub-total	-0.3	0.8	-2.5	-0.4	3.7	-2.6	-0.1	2.9	-2.3	-1.2	2.8	-1.2
Total Electricity Sales		-0.1	3.2	-0.7	-1.8	2.3	-3.8	-2.2	1.0	-4.3	-1.3	-3.6	-1.3
(Large Industry)		1.8	-0.1	-2.6	1.0	3.0	-2.2	1.4	5.4	-0.7	-0.6	0.4	-0.6

### (Reference) Large Industry Demand Change by Sector

By Sector		FY2013	Dec. 2013	Jan. 2014	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Textiles		1.5	2.5	7.5	-1.7	-3.6	-1.0	0.4	-6.1	-2.3	-6.4	-1.3	-4.8	-2.4	0.4
Paper & Pulp		-0.7	-0.4	3.7	2.5	0.5	-7.1	-5.8	-8.6	-3.8	-5.9	-5.5	-4.5	3.8	2.1
Chemicals		0.9	4.9	2.8	1.0	4.4	0.5	-2.6	-3.9	-0.7	-0.7	1.2	-2.5	2.4	-2.5
Ceramics		-3.9	-3.4	-3.3	-3.7	-1.9	-3.1	1.4	-0.8	-4.9	-3.9	-2.5	-3.2	-1.8	-3.1
Steel		3.9	8.1	11.3	10.3	6.0	4.3	2.4	2.8	0.1	0.7	-1.1	-1.7	-3.0	-3.8
Non-Ferrous Metals		-5.7	-1.3	-1.2	-0.5	2.2	3.2	2.1	2.6	0.8	3.3	3.8	1.3	2.5	1.9
Machinery		0.4	2.0	4.7	2.8	3.7	1.3	0.2	1.2	-0.3	-2.7	-1.1	-2.0	-1.6	0.9
Large Industry Total		0.5	1.9	3.4	2.5	2.8	0.8	-0.0	-0.1	-1.1	-2.1	-1.5	-2.3	-1.2	-0.6

# Lighting & Power Demand Volume and Change by Company and Use (December 2014)

FEPC

## 1) Sales Volume and Change

By Company		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
By Use													
Sales Volume (MWh)	Lighting	967,539	2,256,802	7,989,245	2,784,209	790,648	3,701,629	1,584,496	781,874	2,320,720	23,177,162	188,379	23,365,541
	<Residential Lighting>	548,052	1,311,420	5,347,973	1,616,307	302,775	2,259,162	810,710	432,362	1,246,609	13,875,370	153,738	14,029,108
	- Electricity demand in December 2014, measured	230,797	311,606	770,788	421,741	106,101	383,042	169,140	122,740	345,652	2,861,607	244,492	3,106,099
	<Low Voltage>	83,943	227,179	652,391	317,452	80,160	327,340	128,597	83,174	296,266	2,196,502	23,869	2,220,371
	Lighting & Power Total	1,198,336	2,568,408	8,760,032	3,205,950	896,749	4,084,671	1,753,636	904,614	2,666,372	26,038,768	432,871	26,471,639
	Eligible Customers' Use	1,291,966	4,135,461	12,641,694	6,815,179	1,597,007	6,633,418	3,066,524	1,344,172	3,788,995	41,314,416	92,905	41,407,321
	<Commercial Power>	661,110	1,353,535	5,142,110	1,690,385	479,546	2,420,801	853,567	519,989	1,375,569	14,496,612	45,358	14,541,970
	<Industrial Power>	630,856	2,781,926	7,499,584	5,124,794	1,117,461	4,212,617	2,212,957	824,183	2,413,426	26,817,804	47,547	26,865,351
Total Electricity Sales		2,490,302	6,703,869	21,401,726	10,021,129	2,493,756	10,718,089	4,820,160	2,248,786	6,455,367	67,353,184	525,776	67,878,960
Yea-on-year Basis (%)	Lighting	99.3	106.4	102.2	95.5	99.1	94.4	94.5	98.8	93.2	98.6	88.6	98.5
	Power	103.9	114.7	100.4	93.6	104.4	93.8	91.4	96.1	91.6	98.3	100.9	98.5
	<Low Voltage>	99.6	109.7	101.2	94.9	100.1	94.3	92.4	98.1	92.5	98.0	96.7	97.9
	Lighting & Power Total	100.1	107.4	102.1	95.3	99.7	94.4	94.2	98.4	93.0	98.6	95.2	98.5
	Eligible Customers' Use	99.7	100.8	97.5	99.6	103.7	97.4	99.9	102.9	97.7	98.8	102.8	98.8
	<Commercial Power>	98.8	101.9	97.4	97.3	105.4	96.8	98.1	101.5	95.1	98.0	109.5	98.0
	<Industrial Power>	100.6	100.3	97.6	100.4	103.1	97.7	100.7	103.8	99.3	99.3	97.2	99.3
	Total Electricity Sales	99.9	103.2	99.3	98.2	102.3	96.2	97.8	101.0	95.7	98.7	96.4	98.7

## 2) Contracted Electricity Volume (kW) & Number of Contracts

By Company		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
By Use													
Contracted Electricity & Number of Contracts	Residential Lighting (Number of Contracts)	2,502,691	4,636,831	20,093,259	6,404,114	992,516	9,013,000	3,152,413	1,721,574	5,388,835	53,905,233	696,524	54,601,757
	Power Total (kW)	2,619,606	4,931,596	13,449,542	7,472,722	1,684,226	7,257,529	2,913,673	2,143,849	6,087,064	48,559,807	1,374,167	49,933,974
	<Low Voltage (kW)>	1,359,326	3,859,173	11,895,599	5,784,977	1,314,393	6,425,722	2,406,092	1,623,310	5,047,086	39,715,678	423,226	40,138,904
	Lighting & Power Total (Number of Contracts)	3,966,071	7,740,208	29,189,819	10,628,361	2,116,226	13,701,187	5,269,583	2,856,385	8,715,199	84,183,039	887,048	85,070,087

Remarks : 1. Figures in < > indicate breakdown.  
2. Figures may not add up due to rounding.

## Demand Volume and Change by Large Industry Sector (December 2014)

FEPC

Sales Volume and Change

By Company				Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
By Sector															
Sales Volume (MWh)	Mining & Manufacturing	Mining		8,020	15,413	14,869	3,727	0	8,671	13,485	4,932	15,311	84,428	482	84,910
		Manufacturing	Foodstuffs	94,360	130,417	444,398	212,387	16,711	182,276	86,262	39,008	184,888	1,390,707	8,314	1,399,021
			Textiles		6,531	27,254	62,156	82,777	50,380	32,367	29,324	26,883	317,672	0	317,672
			Paper & Pulp	36,584	59,575	188,570	119,280	22,279	59,353	38,195	126,366	27,423	677,625	424	678,049
			Chemical	19,399	165,283	776,445	208,938	114,769	362,334	208,443	83,789	219,979	2,159,379	1,180	2,160,559
			Oil/Coal	1,006	1,686	45,804	15,646	476	46,794	53,409	26,612	11,580	203,013	3,674	206,687
			Rubber Products		25,522	43,784	55,120	1,697	25,589	25,673	4,315	45,843	227,543	0	227,543
			Ceramics	4,468	72,564	183,552	202,698	30,451	213,966	58,593	1,604	92,130	860,026	6,339	866,365
			Steel	44,521	225,115	673,484	530,952	66,672	635,937	509,163	78,530	199,766	2,964,140	13,262	2,977,402
			Non-Ferrous Metals	4,589	298,318	293,178	106,403	79,783	144,216	133,177		158,134	1,217,798	468	1,218,266
			Machinery	48,949	587,842	1,241,405	1,721,298	269,192	620,269	388,162	146,852	512,273	5,536,242	0	5,536,242
			Others	34,297	177,979	729,184	435,340	126,466	356,986	101,610	55,800	143,383	2,161,045	1,424	2,162,469
			Manufacturing Total	288,173	1,750,832	4,647,059	3,670,218	811,273	2,698,100	1,635,054	592,200	1,622,282	17,715,191	35,085	17,750,276
		Mining & Manufacturing Total		296,193	1,766,245	4,661,928	3,673,945	811,273	2,706,771	1,648,539	597,132	1,637,593	17,799,619	35,567	17,835,186
	Others	Railways		33,300	135,692	491,992	231,605	23,988	381,851	110,183	8,767	97,287	1,514,665	646	1,515,311
		Other than Railways		50,467	185,583	954,051	252,327	52,871	358,295	108,772	41,894	185,894	2,190,154	34,081	2,224,235
		Others Total		83,767	321,275	1,446,043	483,932	76,859	740,146	218,955	50,661	283,181	3,704,819	34,727	3,739,546
	Total				379,960	2,087,520	6,107,971	4,157,877	888,132	3,446,917	1,867,494	647,793	1,920,774	21,504,438	70,294

Remarks: 1. Figures may not add up due to rounding.

## Demand Volume and Change by Large Industry Sector (December 2014)

FEPC

Sales Volume and Change

By Sector			By Company		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total	
Year-on-year Basis (%)	Mining & Manufacturing	Mining			102.3	99.5	99.4	95.1	0.0	99.7	98.3	98.2	99.2	99.2	103.4	99.3	
		Manufacturing	Foodstuffs			101.8	102.0	102.0	99.2	104.4	99.3	104.6	99.7	99.2	100.9	100.5	100.9
			Textiles				96.6	97.6	86.6	103.6	107.6	102.8	106.8	111.4	100.4	0.0	100.4
			Paper & Pulp			134.2	104.3	94.0	93.8	100.9	95.5	108.8	122.8	94.5	102.2	88.6	102.1
			Chemical			90.3	104.5	92.4	99.2	103.1	107.4	98.3	96.3	93.0	97.5	107.7	97.5
			Oil/Coal				98.5	101.9	94.1	91.5	118.6	103.1	99.4	125.4	106.2	91.0	105.9
			Rubber Products				97.3	100.1	104.4	99.4	102.8	105.1	95.7	96.9	100.8	0.0	100.8
			Ceramics			77.2	97.8	91.3	96.4	104.8	98.2	99.2	117.8	103.5	96.9	99.3	96.9
			Steel			96.5	83.8	96.1	105.1	101.3	91.7	102.1	104.8	87.9	96.2	96.2	96.2
			Non-Ferrous Metals			98.5	100.9	102.0	99.5	101.1	94.6	99.8		116.3	101.9	92.7	101.9
			Machinery			102.3	103.1	98.7	102.7	105.1	95.1	102.0	103.5	101.1	100.9	0.0	100.9
			Others			99.6	98.9	96.5	100.7	100.1	96.9	99.1	102.9	97.0	98.1	74.1	98.1
			Manufacturing Total			102.8	99.1	96.9	101.3	103.0	97.1	101.4	105.7	99.0	99.3	96.2	99.3
		Mining & Manufacturing Total			102.8	99.1	96.9	101.3	103.0	97.1	101.4	105.7	99.0	99.3	96.3	99.3	
	Others	Railways			102.7	109.3	98.9	102.5	114.4	101.3	101.3	101.3	101.4	101.6	98.8	101.6	
		Other than Railways			96.0	101.0	99.4	95.9	99.1	99.4	100.6	102.1	101.5	99.3	105.2	99.4	
		Others Total			98.6	104.4	99.3	99.0	103.4	100.4	100.9	102.0	101.5	100.2	105.1	100.3	
	Total			101.8	99.9	97.4	101.0	103.0	97.8	101.4	105.4	99.3	99.4	100.4	99.4		

Remarks: 1. Figures may not add up due to rounding.