

Electricity Demand in December 2015 (Confirmed Report)

Demand Overview (Total Sales of 10 Power Companies)

- Electricity demand in December 2015, measured in terms of the total electricity sales of the ten power companies, was down year on year, decreasing by 6.3% to 63.6 billion kWh.

- Outside the liberalized segment, lighting demand dropped by 6.9%, due principally to decreased heating demands caused by relatively higher temperatures in December than the previous year.

Commercial demand in the liberalized segment declined by 8.0%.

Lighting Demand (down 6.9% on the year, 21.75 billion kWh in total)
Commercial Demand (down 8.0% on the year, 13.37 billion kWh in total)

(Reference)

Large industrial user demand declined year on year for the twentieth consecutive month, decreasing by 4.5%.

This was mainly due to a year-on-year decrease in all major industries.

Large Industrial Demand (down 4.5% on the year, 20.60 billion kWh in total)

Demand Change by Use

By Use		Year-on-year Change (%)													
		FY2014	Dec. 2014	Jan. 2015	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Other than Eligible Customers' Use	Lighting Total	-4.0	-1.5	0.9	-3.0	-4.6	4.1	-4.0	-2.7	-2.3	3.5	-0.9	-2.0	-4.1	-6.9
	Power	-5.4	-1.5	1.0	-4.6	-6.3	2.0	-1.2	-1.9	-4.3	1.6	-3.7	-5.2	-3.4	-8.2
	Lighting & Power Total	-4.1	-1.5	0.9	-3.2	-4.8	3.8	-3.6	-2.6	-2.6	3.2	-1.3	-2.5	-4.0	-7.1
Eligible Customers' Use	Commercial Power	-4.0	-2.0	-1.1	-3.2	-4.0	-2.6	-1.5	-3.9	-5.7	-2.9	-5.1	-6.3	-5.4	-8.0
	Industrial Power	-1.3	-0.7	-1.5	-2.4	-2.5	-1.9	-3.0	-2.5	-2.0	-1.8	-3.0	-3.9	-2.7	-4.6
	Eligible Customers' Use Total	-2.3	-1.2	-1.3	-2.7	-3.1	-2.2	-2.5	-3.0	-3.3	-2.2	-3.8	-4.8	-3.6	-5.8
Total Electricity Sales		-3.0	-1.3	-0.3	-3.0	-3.8	0.1	-2.9	-2.9	-3.1	-0.2	-2.9	-4.0	-3.8	-6.3

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

By Use		By Company											
		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
Other than Eligible Customers' Use	Lighting	-1.8	-4.7	-7.6	-8.6	-8.7	-8.3	-5.4	-9.2	-5.8	-7.1	8.6	-6.9
	Power	-2.9	-16.4	-9.5	-9.9	-18.7	-8.6	-5.9	-10.0	-6.9	-9.5	6.4	-8.2
	Lighting & Power Total	-2.0	-6.1	-7.8	-8.8	-9.9	-8.3	-5.5	-9.3	-5.9	-7.3	7.4	-7.1
Eligible Customers' Use	Commercial Power	-6.2	-6.4	-9.5	-3.9	-9.9	-11.2	-5.8	-10.3	-5.2	-8.1	15.2	-8.0
	Industrial Power	-4.0	-3.9	-5.9	-2.8	-3.6	-6.4	-1.4	-6.4	-4.6	-4.6	-4.7	-4.6
	Sub-total	-5.2	-4.7	-7.4	-3.1	-5.5	-8.1	-2.6	-7.9	-4.8	-5.8	5.0	-5.8
Total Electricity Sales		-3.6	-5.3	-7.5	-4.9	-7.0	-8.2	-3.7	-8.5	-5.3	-6.4	6.9	-6.3
(Large Industry)		-4.6	-3.5	-5.9	-2.6	-2.5	-5.8	-1.7	-7.3	-6.0	-4.5	-3.1	-4.5

(Reference) Large Industry Demand Change by Sector

By Sector		Year-on-year Change (%)													
		FY2014	Dec. 2014	Jan. 2015	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Textiles		-2.1	0.4	-2.7	1.2	1.9	-1.5	-2.8	-1.1	-5.6	-1.1	-5.9	-3.8	-2.9	-8.8
Paper & Pulp		-4.8	2.1	-7.8	-7.8	-6.7	-8.5	-4.2	-6.1	-6.7	-7.2	-6.1	-4.1	-9.4	-10.1
Chemicals		-1.1	-2.5	-1.5	-0.8	-2.1	-1.5	-3.5	-3.6	0.2	-0.5	-3.4	-2.3	-9.5	-4.4
Ceramics		-2.7	-3.1	-2.7	-2.7	-5.0	-6.1	-10.5	-8.2	-3.1	-2.6	-4.1	-2.9	-3.3	-4.1
Steel		-1.9	-3.8	-7.4	-8.5	-7.3	-7.6	-7.0	-9.5	-6.5	-6.4	-8.9	-8.1	-2.4	-6.4
Non-Ferrous Metals		2.1	1.9	4.1	1.0	-1.0	-0.4	-1.5	-0.7	4.4	-2.7	-2.9	-1.8	-2.6	-4.9
Machinery		-0.4	0.9	-0.3	-0.7	0.2	1.0	-2.4	-0.7	-1.3	-1.5	-2.3	-3.7	-0.9	-4.3
Large Industry Total		-1.2	-0.6	-1.8	-2.6	-2.3	-2.0	-3.3	-2.8	-1.7	-2.0	-3.3	-3.6	-2.6	-4.5

Lighting & Power Demand Volume and Change by Company and Use (December 2015)

FEPC

1) Sales Volume and Change

By Company		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
Sales Volume (MWh)	Lighting	950,367	2,151,692	7,383,078	2,544,244	721,883	3,394,495	1,498,703	709,828	2,186,476	21,540,766	204,540	21,745,306
	<Residential Lighting>	538,784	1,240,158	4,891,085	1,456,442	270,244	2,049,396	752,834	384,214	1,154,425	12,737,582	167,698	12,905,280
	- Electricity demand in December 2014, measured	224,137	260,368	697,229	380,120	86,244	350,215	159,216	110,512	321,757	2,589,798	260,212	2,850,010
	<Low Voltage>	82,770	208,295	590,665	286,515	69,549	300,147	121,278	75,638	277,216	2,012,073	29,115	2,041,188
	Lighting & Power Total	1,174,504	2,412,060	8,080,307	2,924,364	808,127	3,744,710	1,657,919	820,340	2,508,233	24,130,564	464,752	24,595,316
	Eligible Customers' Use	1,225,257	3,939,760	11,708,092	6,605,321	1,509,917	6,092,977	2,985,932	1,237,440	3,606,678	38,911,374	97,555	39,008,929
	<Commercial Power>	619,806	1,267,341	4,652,673	1,624,981	432,270	2,150,561	803,664	466,285	1,303,461	13,321,042	52,254	13,373,296
	<Industrial Power>	605,451	2,672,419	7,055,419	4,980,340	1,077,647	3,942,416	2,182,268	771,155	2,303,217	25,590,332	45,301	25,635,633
Total Electricity Sales		2,399,761	6,351,820	19,788,400	9,529,685	2,318,044	9,837,687	4,643,851	2,057,780	6,114,911	63,041,939	562,307	63,604,246
Yea-on-year Basis (%)	Lighting	98.2	95.3	92.4	91.4	91.3	91.7	94.6	90.8	94.2	92.9	108.6	93.1
	Power	97.1	83.6	90.5	90.1	81.3	91.4	94.1	90.0	93.1	90.5	106.4	91.8
	<Low Voltage>	98.6	91.7	90.5	90.3	86.8	91.7	94.3	90.9	93.6	91.6	122.0	91.9
	Lighting & Power Total	98.0	93.9	92.2	91.2	90.1	91.7	94.5	90.7	94.1	92.7	107.4	92.9
	Eligible Customers' Use	94.8	95.3	92.6	96.9	94.5	91.9	97.4	92.1	95.2	94.2	105.0	94.2
	<Commercial Power>	93.8	93.6	90.5	96.1	90.1	88.8	94.2	89.7	94.8	91.9	115.2	92.0
	<Industrial Power>	96.0	96.1	94.1	97.2	96.4	93.6	98.6	93.6	95.4	95.4	95.3	95.4
	Total Electricity Sales		96.4	94.7	92.5	95.1	93.0	91.8	96.3	91.5	94.7	93.6	106.9

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
Contracted Electricity & Number of Contracts	Residential Lighting (Number of Contracts)	2,503,973	4,611,815	20,176,481	6,407,015	983,224	9,001,816	3,143,448	1,708,588	5,374,159	53,910,519	707,308	54,617,827
	Power Total (kW)	2,643,225	4,881,660	13,198,218	7,334,948	1,658,087	7,129,468	2,852,228	2,105,742	6,012,675	47,816,251	1,373,935	49,190,186
	<Low Voltage (kW)>	1,344,926	3,820,681	11,697,654	5,716,131	1,295,386	6,329,577	2,366,540	1,609,196	5,007,204	39,187,295	426,000	39,613,295
	Lighting & Power Total (Number of Contracts)	3,973,058	7,778,607	29,398,843	10,708,049	2,127,891	13,747,309	5,293,575	2,862,514	8,778,991	84,668,837	900,692	85,569,529

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

Demand Volume and Change by Large Industry Sector (December 2015)

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	
Sales Volume (MWh)	Mining & Manufacturing	Mining	7,511	14,820	13,701	3,041	28	7,772	12,778	4,473	14,152	78,276	494	78,770	
		Manufacturing	Foodstuffs	91,158	132,526	449,591	222,430	16,632	177,301	89,072	38,012	180,927	1,397,649	9,074	1,406,723
			Textiles		6,641	17,692	58,917	79,485	43,816	30,646	31,539	21,004	289,740	0	289,740
			Paper & Pulp	34,639	58,537	164,283	126,260	18,460	51,343	38,264	92,749	24,619	609,154	369	609,523
			Chemical	17,836	152,336	763,543	213,569	110,653	318,456	214,692	84,346	189,858	2,065,289	1,282	2,066,571
			Oil/Coal	475	1,741	39,982	17,628	423	43,703	48,027	26,733	16,864	195,576	915	196,491
			Rubber Products		24,471	37,442	48,411	1,700	22,234	24,651	4,109	41,593	204,611	0	204,611
			Ceramics	5,058	71,873	173,745	199,900	27,261	203,837	64,167	1,452	77,197	824,490	6,523	831,013
			Steel	39,597	210,879	605,440	489,759	61,872	614,868	496,685	75,379	179,884	2,774,363	11,352	2,785,715
			Non-Ferrous Metals	3,685	282,977	281,010	103,377	79,736	145,131	117,592		145,008	1,158,516	515	1,159,031
			Machinery	48,378	568,146	1,113,308	1,679,929	271,132	578,014	385,594	138,178	516,555	5,299,234	0	5,299,234
		Others	31,317	175,685	688,705	416,260	119,719	333,067	99,296	53,520	132,607	2,050,176	1,974	2,052,150	
	Manufacturing Total	272,143	1,685,812	4,334,739	3,576,440	787,073	2,531,770	1,608,686	546,017	1,526,116	16,868,796	32,004	16,900,800		
	Mining & Manufacturing Total	279,654	1,700,632	4,348,440	3,579,481	787,101	2,539,542	1,621,464	550,490	1,540,268	16,947,072	32,498	16,979,570		
	Others	Railways	31,149	125,370	470,082	228,040	26,753	361,928	106,675	8,352	92,702	1,451,051	666	1,451,717	
Other than Railways		51,542	188,308	930,286	244,136	52,504	344,095	107,420	41,545	173,214	2,133,050	34,959	2,168,009		
Others Total		82,691	313,678	1,400,367	472,176	79,257	706,023	214,095	49,897	265,916	3,584,100	35,625	3,619,725		
Total		362,345	2,014,310	5,748,808	4,051,657	866,358	3,245,565	1,835,559	600,387	1,806,184	20,531,173	68,123	20,599,296		

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

Demand Volume and Change by Large Industry Sector (December 2015)

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	
		Mining	Manufacturing													
Year-on-year Basis (%)	Mining & Manufacturing	Mining		93.7	96.2	92.1	81.6		89.6	94.8	90.7	92.4	92.7	102.5	92.8	
		Manufacturing	Foodstuffs		96.6	101.6	101.2	104.7	99.5	97.3	103.3	97.4	97.9	100.5	109.1	100.6
			Textiles			101.7	64.9	94.8	96.0	87.0	94.7	107.6	78.1	91.2	0.0	91.2
			Paper & Pulp		94.7	98.3	87.1	105.9	82.9	86.5	100.2	73.4	89.8	89.9	87.2	89.9
			Chemical		91.9	92.2	98.3	102.2	96.4	87.9	103.0	100.7	86.3	95.6	108.7	95.6
			Oil/Coal		47.2	103.3	87.3	112.7	88.9	93.4	89.9	100.5	145.6	96.3	24.9	95.1
			Rubber Products			95.9	85.5	87.8	100.2	86.9	96.0	95.2	90.7	89.9	0.0	89.9
			Ceramics		113.2	99.0	94.7	98.6	89.5	95.3	109.5	90.5	83.8	95.9	102.9	95.9
			Steel		88.9	93.7	89.9	92.2	92.8	96.7	97.5	96.0	90.0	93.6	85.6	93.6
			Non-Ferrous Metals		80.3	94.9	95.8	97.2	99.9	100.6	88.3		91.7	95.1	110.1	95.1
			Machinery		98.8	96.6	89.7	97.6	100.7	93.2	99.3	94.1	100.8	95.7	0.0	95.7
	Others		91.3	98.7	94.4	95.6	94.7	93.3	97.7	95.9	92.5	94.9	138.6	94.9		
	Manufacturing Total		94.4	96.3	93.3	97.4	97.0	93.8	98.4	92.2	94.1	95.2	91.2	95.2		
	Mining & Manufacturing Total		94.4	96.3	93.3	97.4	97.0	93.8	98.4	92.2	94.1	95.2	91.4	95.2		
	Others	Railways		93.5	92.4	95.5	98.5	111.5	94.8	96.8	95.3	95.3	95.8	103.1	95.8	
Other than Railways			102.1	101.5	97.5	96.8	99.3	96.0	98.8	99.2	93.2	97.4	102.6	97.5		
Others Total			98.7	97.6	96.8	97.6	103.1	95.4	97.8	98.5	93.9	96.7	102.6	96.8		
Total			95.4	96.5	94.1	97.4	97.5	94.2	98.3	92.7	94.0	95.5	96.9	95.5		

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