

Electricity Demand in March 2016 (Confirmed Report)

Demand Overview (Total Sales of 10 Power Companies)

- Electricity demand in March 2016, measured in terms of the total electricity sales of the ten power companies, was down year on year, decreasing by 1.0% to 69.5 billion kWh.

- Outside the liberalized segment, lighting demand increased by 2.7%, due principally to the longer meter reading dates than last year.

Commercial demand in the liberalized segment decreased by 4.5%.

Large industrial user demand declined year on year for the 23rd consecutive month, decreasing by 3.4%.

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

Lighting demand: up 2.7% year on year, 26.06 billion kWh in total

Commercial demand: down 4.5% year on year, 13.89 billion kWh in total

Large industrial demand: down 3.4% year on year, 21.05 billion kWh in total

Demand Change by Use

By Use		Year-on-year Change (%)													
		By Month													
		FY2014	Mar. 2015	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2016	Feb.	Mar.
Other than Eligible Customers' Use	Lighting Total	-4.0	-4.6	4.1	-4.0	-2.7	-2.3	3.5	-0.9	-2.0	-4.1	-6.9	-11.4	-0.5	2.7
	Power	-5.4	-6.3	2.0	-1.2	-1.9	-4.3	1.6	-3.7	-5.2	-3.4	-8.2	-13.6	-1.9	2.5
	Lighting & Power Total	-4.1	-4.8	3.8	-3.6	-2.6	-2.6	3.2	-1.3	-2.5	-4.0	-7.1	-11.6	-0.6	2.7
Eligible Customers' Use	Commercial Power	-4.0	-4.0	-2.6	-1.5	-3.9	-5.7	-2.9	-5.1	-6.3	-5.4	-8.0	-9.5	-4.6	-4.5
	Industrial Power	-1.3	-2.5	-1.9	-3.0	-2.5	-2.0	-1.8	-3.0	-3.9	-2.7	-4.6	-4.0	-1.4	-3.1
	Eligible Customers' Use Total	-2.3	-3.1	-2.2	-2.5	-3.0	-3.3	-2.2	-3.8	-4.8	-3.6	-5.8	-6.1	-2.6	-3.6
Total Electricity Sales		-3.0	-3.8	0.1	-2.9	-2.9	-3.1	-0.2	-2.9	-4.0	-3.8	-6.3	-8.7	-1.7	-1.0

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	11.5	1.0	3.4	3.0	1.7	1.7	2.9	-0.1	0.8	2.7	8.0	2.7
	Power	25.1	0.4	1.1	0.3	-1.3	0.5	0.2	-2.9	-0.0	2.4	3.9	2.5
	Lighting & Power Total	14.5	0.9	3.2	2.6	1.4	1.6	2.6	-0.5	0.7	2.6	5.9	2.7
Eligible Customers' Use	Commercial Power	-4.6	-0.7	-6.4	0.1	-2.7	-8.9	-1.0	-4.5	-2.0	-4.5	2.6	-4.5
	Industrial Power	-6.4	-1.6	-4.4	-0.5	-0.6	-7.0	-0.6	-1.1	-2.5	-3.1	-10.6	-3.1
	Sub-total	-5.5	-1.3	-5.2	-0.4	-1.2	-7.7	-0.8	-2.4	-2.3	-3.6	-4.3	-3.6
Total Electricity Sales		4.1	-0.4	-1.6	0.6	-0.2	-4.0	0.5	-1.5	-1.0	-1.1	4.1	-1.0
(Large Industry)		-13.2	-2.4	-4.7	-0.5	-0.3	-6.8	-1.2	-0.8	-3.2	-3.4	-6.3	-3.4

(Reference) Large Industry Demand Change by Sector

By Sector		Year-on-year Change (%)													
		By Month													
		FY2014	Mar. 2015	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2016	Feb.	Mar.
Textiles		-2.1	1.9	-1.5	-2.8	-1.1	-5.6	-1.1	-5.9	-3.8	-2.9	-8.8	-5.1	-2.3	-7.4
Paper & Pulp		-4.8	-6.7	-8.5	-4.2	-6.1	-6.7	-7.2	-6.1	-4.1	-9.4	-10.1	-4.3	-3.8	-9.1
Chemicals		-1.1	-2.1	-1.5	-3.5	-3.6	0.2	-0.5	-3.4	-2.3	-9.5	-4.4	-1.9	0.6	-5.8
Ceramics		-2.7	-5.0	-6.1	-10.5	-8.2	-3.1	-2.6	-4.1	-2.9	-3.3	-4.1	-4.6	-1.8	-5.5
Steel		-1.9	-7.3	-7.6	-7.0	-9.5	-6.5	-6.4	-8.9	-8.1	-2.4	-6.4	-4.3	-5.4	-9.6
Non-Ferrous Metals		2.1	-1.0	-0.4	-1.5	-0.7	4.4	-2.7	-2.9	-1.8	-2.6	-4.9	-1.8	1.9	-1.3
Machinery		-0.4	0.2	1.0	-2.4	-0.7	-1.3	-1.5	-2.3	-3.7	-0.9	-4.3	-3.5	-0.1	-0.9
Large Industry Total		-1.2	-2.3	-2.0	-3.3	-2.8	-1.7	-2.0	-3.3	-3.6	-2.6	-4.5	-3.2	-0.6	-3.4

Lighting & Power Demand Volume and Change by Company and Use (March 2016)

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	1,085,576	2,502,717	8,720,733	3,150,216	870,637	4,149,768	1,794,108	884,878	2,680,296	25,838,929	221,384	26,060,313
	<Residential Lighting>	610,152	1,406,246	5,836,089	1,819,760	310,986	2,526,900	892,482	475,388	1,417,486	15,295,489	180,368	15,475,857
	Power	337,581	345,915	839,505	485,025	109,798	441,809	194,791	139,564	412,704	3,306,692	216,323	3,523,015
	<Low Voltage>	95,403	248,025	713,754	367,500	83,343	381,588	150,280	96,225	349,219	2,485,337	22,466	2,507,803
	Lighting & Power Total	1,423,157	2,848,632	9,560,238	3,635,241	980,435	4,591,577	1,988,899	1,024,442	3,093,000	29,145,621	437,707	29,583,328
	Eligible Customers' Use	1,264,144	4,044,861	11,854,161	6,951,105	1,545,423	6,186,172	3,046,117	1,254,769	3,727,139	39,873,891	88,000	39,961,891
	<Commercial Power>	651,723	1,320,507	4,765,210	1,718,637	424,497	2,227,121	863,824	456,517	1,412,307	13,840,343	45,522	13,885,865
	<Industrial Power>	612,421	2,724,354	7,088,951	5,232,468	1,120,926	3,959,051	2,182,293	798,252	2,314,832	26,033,548	42,478	26,076,026
Total Electricity Sales		2,687,301	6,893,493	21,414,398	10,586,346	2,525,858	10,777,749	5,035,016	2,279,211	6,820,139	69,019,511	525,707	69,545,218
Year-on-year Basis (%)	Lighting	111.5	101.0	103.4	103.0	101.7	101.7	102.9	99.9	100.8	102.7	108.0	102.7
	Power	125.1	100.4	101.1	100.3	98.7	100.5	100.2	97.1	100.0	102.4	103.9	102.5
	<Low Voltage>	111.2	100.0	101.5	101.4	98.9	101.0	101.2	98.3	99.6	101.1	104.7	101.1
	Lighting & Power Total	114.5	100.9	103.2	102.6	101.4	101.6	102.6	99.5	100.7	102.6	105.9	102.7
	Eligible Customers' Use	94.5	98.7	94.8	99.6	98.8	92.3	99.2	97.6	97.7	96.4	95.7	96.4
	<Commercial Power>	95.4	99.3	93.6	100.1	97.3	91.1	99.0	95.5	98.0	95.5	102.6	95.5
	<Industrial Power>	93.6	98.4	95.6	99.5	99.4	93.0	99.4	98.9	97.5	96.9	89.4	96.9
	Total Electricity Sales		104.1	99.6	98.4	100.6	99.8	96.0	100.5	98.5	99.0	98.9	104.1

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)	2,519,391	4,616,873	20,201,693	6,411,894	981,696	8,954,864	3,135,784	1,704,198	5,355,019	53,881,412	711,565	54,592,977
	Power Total (kW)	2,877,553	4,845,571	13,129,488	7,311,615	1,619,124	7,076,677	2,838,350	2,096,408	5,986,252	47,781,038	1,371,770	49,152,808
	<Low Voltage (kW)>	1,341,289	3,813,283	11,641,261	5,697,234	1,289,596	6,297,606	2,358,807	1,603,933	4,995,186	39,038,195	425,106	39,463,301
	Lighting & Power Total (Number of Contracts)	4,029,468	7,797,632	29,437,592	10,732,703	2,128,372	13,696,824	5,291,861	2,862,563	8,770,783	84,747,798	906,124	85,653,922

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

Demand Volume and Change by Large Industry Sector (March 2016)

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												
Sales Volume (MWh)	Mining & Manufacturing	Mining		7,570	13,771	13,328	3,122	69	6,520	13,099	4,590	14,859	76,928	501	77,429
		Manufacturing	Foodstuffs	88,358	127,984	443,065	221,167	16,985	175,395	90,112	37,865	176,976	1,377,907	7,315	1,385,222
			Textiles		6,752	14,323	60,437	82,892	44,807	37,753	28,906	23,026	298,896	0	298,896
			Paper & Pulp	13,402	60,453	173,333	119,169	22,896	56,340	32,919	90,723	24,762	593,997	359	594,356
			Chemical	17,517	164,350	727,365	224,322	117,823	316,941	197,795	93,233	186,550	2,045,896	1,288	2,047,184
			Oil/Coal	989	1,772	39,761	12,284	508	29,025	34,435	26,393	11,104	156,271	813	157,084
			Rubber Products		25,204	41,558	50,779	1,845	24,443	27,828	4,375	48,213	224,245	0	224,245
			Ceramics	3,939	73,469	171,923	208,750	22,876	203,763	59,691	1,438	70,050	815,899	6,092	821,991
			Steel	40,453	210,423	584,223	537,921	67,215	610,737	450,850	79,321	169,511	2,750,654	9,942	2,760,596
			Non-Ferrous Metals	4,278	286,183	293,371	114,542	80,391	158,027	131,028		155,906	1,223,726	493	1,224,219
			Machinery	51,587	602,305	1,183,239	1,826,776	284,714	605,411	429,105	156,486	546,187	5,685,810	0	5,685,810
	Others	31,567	185,506	713,811	450,810	129,228	360,241	109,438	56,142	146,452	2,183,195	1,835	2,185,030		
	Manufacturing Total	252,090	1,744,401	4,385,972	3,826,957	827,373	2,585,130	1,600,954	574,882	1,558,737	17,356,496	28,137	17,384,633		
	Mining & Manufacturing Total	259,660	1,758,172	4,399,301	3,830,079	827,442	2,591,650	1,614,053	579,472	1,573,596	17,433,425	28,638	17,462,063		
	Others	Railways	31,232	120,580	465,450	227,205	26,296	359,384	107,497	8,232	90,632	1,436,508	612	1,437,120	
Other than Railways		48,208	185,563	934,241	245,717	50,212	329,212	114,878	39,454	173,311	2,120,796	33,146	2,153,942		
Others Total		79,440	306,143	1,399,690	472,922	76,508	688,596	222,375	47,686	263,943	3,557,303	33,758	3,591,061		
Total		339,100	2,064,315	5,798,991	4,303,001	903,950	3,280,246	1,836,428	627,158	1,837,539	20,990,728	62,396	21,053,124		

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

Demand Volume and Change by Large Industry Sector (March 2016)

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		96.4	95.1	90.0	97.4		71.1	95.4	102.2	97.0	92.6	113.1	92.7	
		Manufacturing	Foodstuffs		94.7	101.8	101.0	101.2	101.0	96.1	102.3	99.0	98.9	99.8	107.7	99.8
			Textiles			100.3	54.3	98.5	96.9	89.9	100.5	92.2	96.1	92.6	0.0	92.6
			Paper & Pulp		33.9	91.0	94.1	98.3	93.8	90.7	97.7	94.3	96.5	90.9	88.7	90.9
			Chemical		95.7	96.3	96.0	90.9	101.1	86.4	100.7	104.5	88.7	94.2	124.6	94.2
			Oil/Coal		112.5	108.2	92.1	136.7	88.5	71.6	71.1	99.8	88.0	85.3	21.6	84.0
			Rubber Products			92.1	90.2	89.8	102.0	93.7	102.0	95.0	97.7	93.8	0.0	93.8
			Ceramics		87.1	92.8	95.3	104.7	74.9	91.6	96.4	106.3	83.7	94.5	95.6	94.5
			Steel		74.3	93.0	81.4	98.1	101.7	90.0	91.0	99.1	95.8	90.4	83.4	90.4
			Non-Ferrous Metals		90.8	93.7	97.7	100.5	95.5	105.5	109.1		96.9	98.7	101.2	98.7
			Machinery		98.5	99.1	95.0	100.5	103.1	95.6	103.4	100.9	101.5	99.1	0.0	99.1
	Others		93.7	101.7	97.3	99.3	100.3	94.2	103.3	99.7	98.3	98.0	95.0	98.0		
	Manufacturing Total		83.5	96.9	93.9	99.5	99.5	92.5	98.2	99.3	96.9	96.1	86.0	96.1		
	Mining & Manufacturing Total		83.9	96.9	93.9	99.5	99.5	92.4	98.2	99.3	96.9	96.1	86.4	96.0		
Others	Railways		101.9	99.6	99.3	99.6	98.8	97.9	99.2	99.6	99.2	99.1	105.1	99.1		
	Other than Railways		95.8	103.7	100.3	99.9	103.2	94.7	108.4	96.7	95.1	99.5	100.8	99.5		
	Others Total		98.1	102.1	100.0	99.8	101.6	96.4	103.7	97.2	96.5	99.3	100.9	99.3		
Total			86.8	97.6	95.3	99.5	99.7	93.2	98.8	99.2	96.8	96.6	93.7	96.6		

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