

Electricity Demand in November 2008 (Confirmed Report)

Demand Overview (Total Sales of 10 Power Companies)

Electricity demand in November, measured in terms of the total electricity sales of the 10 power companies, was down 2.0% on last year to 69.7 billion kWh.

- **Lighting Demand (up 1.1% on the year, 21.64 billion kWh in total)**
- **Commercial Demand (up 0.2% on the year, 15.56 billion kWh in total)**

Outside the liberalized segment, lighting demand increased by 1.1% due principally to moderate growth in the number of contracts.

Commercial demand in the liberalized segment increased by 0.2%.

(Reference)

- **Large Industrial Demand (down 5.2% on the year, 23.44 billion kWh in total)**

Large industrial user demand was down year on year for two consecutive months, decreasing by 5.2%.

This was due mainly to year-on-year decline in all major sectors.

Demand Change by Use

By Use		Year-on-year Change (%)													
		By Month													
		FY2007	Nov. 2007	Dec.	Jan. 2008	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.
Other than Eligible Customers' Use	Lighting Total	4.1	1.7	5.1	5.4	14.2	10.0	-1.9	-0.3	-0.3	3.5	8.6	-12.3	-0.9	1.1
	Power	0.6	-3.2	1.7	0.6	10.7	7.6	-8.4	-4.4	-6.8	-1.0	6.8	-16.1	-8.8	-2.2
	Lighting & Power Total	3.6	1.0	4.6	4.7	13.7	9.6	-2.8	-0.9	-1.3	2.7	8.3	-12.9	-2.2	0.6
Eligible Customers' Use	Commercial Power	3.3	1.4	1.5	1.5	6.4	6.6	-0.6	0.2	-1.1	2.3	3.4	-5.0	-3.3	0.2
	Industrial Power	3.3	2.1	2.1	2.9	6.6	2.6	2.2	2.7	1.1	5.0	0.1	-0.7	-1.4	-5.1
	Eligible Customers' Use Total	3.3	1.9	1.9	2.4	6.5	4.0	1.2	1.9	0.4	4.0	1.4	-2.3	-2.1	-3.4
Total Electricity Sales		3.4	1.6	2.9	3.4	9.4	6.1	-0.3	0.9	-0.2	3.6	3.9	-6.2	-2.1	-2.0

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	-0.3	-2.0	-0.4	2.9	-2.1	3.6	1.7	0.3	3.0	1.0	9.5	1.1
	Power	3.2	-2.4	-4.5	-2.0	-7.0	-1.3	-2.7	-3.8	-2.2	-2.7	2.1	-2.2
	Lighting & Power Total	0.2	-2.1	-0.8	2.2	-2.8	3.0	1.2	-0.4	2.1	0.5	5.2	0.6
Eligible Customers' Use	Commercial Power	-1.1	-0.5	1.2	0.3	0.6	-0.8	-0.4	1.7	-1.3	0.2	2.2	0.2
	Industrial Power	0.9	-4.1	-4.5	-9.1	-6.0	-3.2	-7.4	-5.1	-2.8	-5.2	6.4	-5.1
	Sub-total	-0.1	-3.0	-2.3	-6.9	-4.4	-2.4	-5.6	-2.8	-2.3	-3.4	4.5	-3.4
Total Electricity Sales		0.0	-2.7	-1.8	-4.3	-3.9	-0.5	-3.4	-1.9	-0.6	-2.0	5.1	-2.0
(Large Industry)		-1.1	-4.1	-4.4	-9.6	-5.2	-2.5	-8.2	-4.9	-2.8	-5.2	3.3	-5.2

(Reference) Large Industry Demand Change by Sector

By Sector		Year-on-year Change (%)													
		By Month													
		FY2007	Nov. 2007	Dec.	Jan. 2008	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.
Textiles		0.4	-2.8	-4.5	-3.7	1.1	-5.6	-4.4	-5.3	-7.7	-3.4	-9.4	-8.1	-8.8	-11.7
Paper & Pulp		4.5	4.5	8.0	9.5	10.3	7.9	8.6	9.7	4.1	7.8	5.9	2.9	5.5	-0.6
Chemicals		6.9	6.7	8.2	6.7	12.5	7.8	4.5	3.8	5.4	6.7	4.5	4.4	0.2	-3.5
Ceramics		2.3	1.2	-0.3	-0.3	3.5	-0.9	-1.2	1.7	0.8	2.1	1.0	1.6	4.4	-0.4
Steel		1.9	-0.7	1.5	1.9	5.7	1.1	1.4	8.7	8.0	5.3	3.0	5.0	-1.7	-7.1
Non-Ferrous Metal		11.4	9.4	12.0	12.7	18.9	10.0	7.6	7.5	6.9	10.7	5.1	4.1	1.5	-4.2
Machinery		5.1	3.5	2.7	4.8	8.6	1.9	4.5	3.9	1.1	8.0	-2.9	-1.0	-2.3	-9.3
Large Industry Total		4.2	2.8	2.8	3.8	8.0	2.2	3.3	3.8	2.2	6.5	-0.0	0.6	-0.5	-5.2

Lighting & Power Demand Volume and Change by Company and Use (November 2008)

FEPC

1) Sales Volume & Change

By Use \ By Company		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
Sales Volume (MWh)	Lighting	1,003,636	1,956,101	7,210,179	2,682,286	600,687	3,689,102	1,430,304	683,193	2,130,350	21,385,838	255,518	21,641,356
	<Residential Lighting>	650,004	1,313,450	5,050,194	1,698,587	309,901	2,452,903	866,031	453,822	1,331,694	14,126,586	225,703	14,352,289
	Power	149,228	283,022	784,252	464,387	95,167	430,134	188,372	129,684	375,466	2,899,712	320,748	3,220,460
	<Low Voltage>	101,844	224,441	649,047	326,296	72,694	358,541	133,605	82,376	312,816	2,261,660	49,283	2,310,943
	Lighting & Power Total	1,152,864	2,239,123	7,994,430	3,146,673	695,854	4,119,236	1,618,676	812,877	2,505,816	24,285,549	576,266	24,861,815
	Eligible Customers' Use	1,484,647	4,280,383	14,540,041	7,063,482	1,537,373	7,166,405	3,213,571	1,346,809	4,104,000	44,736,711	96,075	44,832,786
	<Commercial Power>	689,297	1,283,337	5,951,185	1,766,282	398,713	2,568,422	862,956	465,624	1,535,180	15,520,996	43,345	15,564,341
	<Industrial Power>	795,350	2,997,046	8,588,857	5,297,200	1,138,660	4,597,983	2,350,615	881,185	2,568,820	29,215,716	52,730	29,268,446
Total Electricity Sales	2,637,511	6,519,506	22,534,472	10,210,155	2,233,227	11,285,641	4,832,247	2,159,686	6,609,816	69,022,261	672,341	69,694,602	
Yea-on-year Basis (%)	Lighting	99.7	98.0	99.6	102.9	97.9	103.6	101.7	100.3	103.0	101.0	109.5	101.1
	Power	103.2	97.6	95.5	98.0	93.0	98.7	97.3	96.2	97.8	97.3	102.1	97.8
	<Low Voltage>	99.7	98.6	95.7	98.7	93.8	99.1	98.2	96.6	98.1	97.6	108.6	97.8
	Lighting & Power Total	100.2	97.9	99.2	102.2	97.2	103.0	101.2	99.6	102.1	100.5	105.2	100.6
	Eligible Customers' Use	99.9	97.0	97.7	93.1	95.6	97.6	94.4	97.2	97.7	96.6	104.5	96.6
	<Commercial Power>	98.9	99.5	101.2	100.3	100.6	99.2	99.6	101.7	98.7	100.2	102.2	100.2
	<Industrial Power>	100.9	95.9	95.5	90.9	94.0	96.8	92.6	94.9	97.2	94.8	106.4	94.9
Total Electricity Sales	100.0	97.3	98.2	95.7	96.1	99.5	96.6	98.1	99.4	98.0	105.1	98.0	

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

By Use \ 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)	2,544,638	4,818,732	20,043,001	6,574,510	1,099,400	9,237,869	3,346,278	1,848,028	5,641,591	55,154,047	650,751	55,804,798
	Power Total (kW)	2,159,942	5,158,329	15,566,893	8,714,474	1,842,628	8,292,087	3,403,222	2,463,013	6,621,332	54,221,920	1,400,820	55,622,740
	<Low Voltage (kW)>	1,501,325	4,328,211	13,692,577	6,613,897	1,477,059	7,265,230	2,722,209	1,793,281	5,400,321	44,794,110	444,760	45,238,870
	Lighting & Power Total (Number of Contracts)	3,842,847	7,614,929	28,480,009	10,468,620	2,082,788	13,463,839	5,204,671	2,835,682	8,423,737	82,417,122	820,052	83,237,174

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

Demand Volume and Change by Large Industry Sector (November 2008)

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		6,238	10,080	14,816	4,750	0	8,404	12,865	4,399	14,725	76,277	474	76,751									
		Manufacturing	Foodstuffs	88,270	125,105	444,332	199,706	17,841	191,512	75,158	43,199	176,570	1,361,693	8,798	1,370,491									
			Textiles	0	9,574	8,215	60,324	69,488	39,840	20,372	10,505	14,215	232,533	0	232,533									
			Paper & Pulp	106,070	99,994	221,160	139,735	29,663	67,955	56,377	145,365	43,674	909,993	515	910,508									
			Chemical	27,933	195,844	891,379	252,629	128,488	375,217	293,312	136,874	244,331	2,546,007	1,169	2,547,176									
			Oil/Coal	0	1,785	40,096	6,591	4,623	25,894	43,903	35,279	4,473	162,644	3,773	166,417									
			Rubber Products	69	26,761	62,514	61,993	1,694	29,267	27,089	4,574	46,394	260,355	0	260,355									
			Ceramics	4,048	70,175	251,719	244,515	36,735	236,316	63,623	1,422	106,915	1,015,468	6,478	1,021,946									
			Steel	72,549	218,281	665,028	502,995	67,571	725,446	500,953	83,248	230,390	3,066,461	12,581	3,079,042									
			Non-Ferrous Metals	14,770	334,197	365,818	124,530	77,816	173,516	135,395		115,866	1,341,908	576	1,342,484									
			Machinery	56,175	708,712	1,544,299	1,712,568	293,346	720,687	410,660	139,506	591,279	6,177,232	0	6,177,232									
	Others	35,568	199,737	877,955	436,736	128,035	391,440	98,689	47,884	149,382	2,365,426	2,043	2,367,469											
	Manufacturing Total		405,452	1,990,165	5,372,516	3,742,322	855,300	2,977,090	1,725,531	647,856	1,723,489	19,439,721	35,933	19,475,654										
	Mining & Manufacturing Total		411,690	2,000,245	5,387,332	3,747,072	855,300	2,985,494	1,738,396	652,255	1,738,214	19,515,998	36,407	19,552,405										
Others	Railways		28,086	113,097	534,102	222,520	21,716	369,700	103,693	8,354	83,939	1,485,207	795	1,486,002										
	Other than Railways		54,891	181,835	1,105,318	261,870	49,848	363,264	115,270	41,622	185,873	2,359,791	38,738	2,398,529										
	Others Total		82,977	294,932	1,639,419	484,390	71,564	732,964	218,963	49,976	269,812	3,844,997	39,533	3,884,530										
Total		494,667	2,295,177	7,026,751	4,231,462	926,864	3,718,458	1,957,359	702,231	2,008,026	23,360,995	75,940	23,436,935											

Remarks: Figures may not add up due to rounding.

Demand Volume and Change by Large Industry Sector (November 2008)

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		97.9	99.4	102.1	87.7	0.0	111.0	96.6	96.9	101.8	99.9	102.0	99.9
		Manufacturing	Foodstuffs	101.3	99.1	99.7	95.8	99.1	97.7	95.8	111.8	101.0	99.1	102.3	99.2
			Textiles	0.0	84.4	90.4	87.0	88.5	84.2	102.3	85.0	92.3	88.3	0.0	88.3
			Paper & Pulp	111.4	102.7	91.6	102.5	96.7	105.4	107.3	90.1	118.9	99.4	98.3	99.4
			Chemical	94.0	106.6	99.3	93.8	95.7	97.5	83.9	91.2	101.9	96.5	80.9	96.5
			Oil/Coal	0.0	27.4	105.1	127.3	89.1	103.7	162.8	98.6	72.7	109.2	103.8	109.1
			Rubber Products	81.2	96.4	87.7	90.9	82.4	97.6	89.0	93.9	101.7	92.9	0.0	92.9
			Ceramics	72.5	94.0	102.0	99.4	97.1	104.0	79.0	95.6	107.0	99.5	108.1	99.6
			Steel	98.5	83.5	97.7	85.0	98.4	97.2	92.9	99.4	90.3	92.9	97.8	92.9
			Non-Ferrous Metals	112.4	107.4	93.3	77.2	98.0	95.8	96.2		95.5	95.8	79.4	95.8
			Machinery	88.3	91.3	88.8	88.2	93.7	97.5	86.9	96.3	95.3	90.7	0.0	90.7
	Others	88.4	96.5	94.6	89.1	92.6	92.0	92.1	94.4	93.6	92.9	100.4	92.9		
	Manufacturing Total	99.3	95.5	94.4	89.4	94.4	97.1	90.9	94.7	97.1	93.9	100.3	93.9		
	Mining & Manufacturing Total	99.3	95.5	94.5	89.4	94.4	97.1	90.9	94.8	97.2	93.9	100.4	94.0		
Others	Railways	96.4	99.6	99.9	98.9	99.9	100.5	102.1	101.3	100.5	100.0	100.3	100.0		
	Other than Railways	97.9	97.3	99.5	99.6	99.4	98.2	96.9	99.6	96.1	98.7	106.3	98.8		
	Others Total	97.4	98.2	99.6	99.3	99.5	99.3	99.3	99.9	97.4	99.2	106.2	99.3		
Total		98.9	95.9	95.6	90.4	94.8	97.5	91.8	95.1	97.2	94.8	103.3	94.8		