

Electricity Demand in August 2008 (Confirmed Report)

Demand Overview (Total Sales of 10 Power Companies)

Electricity demand in August, measured in terms of the total electricity sales of the 10 power companies, was up 3.9% on last year to 87.2 billion kWh.

- **Lighting Demand (up 8.6% on the year, 27.80 billion kWh in total)**
- **Commercial Demand (up 3.4% on the year, 21.14 billion kWh in total)**

Outside the liberalized segment, lighting demand rose by 8.6% due principally to a combination of increased demand for cooling caused by generally higher temperatures from July to early August compared with last year, and a longer meter-reading period than last year.

Commercial demand in the liberalized segment increased by 3.4%.

(Reference)

- **Large Industrial Demand (down 0.0% on the year, 25.73 billion kWh in total)**

Large industrial user demand was down from the previous year for the first time in 37 months, decreasing by 0.0%. This was due mainly to year-on-year decline in textiles and machinery.

Demand Change by Month and Use

By Use		Year-on-year Change (%)													
		By Month													
		FY2007	Aug. 2007	Sep.	Oct.	Nov.	Dec.	Jan. 2008	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.
Other than Eligible Customers' Use	Lighting Total	4.1	2.6	4.4	8.8	1.7	5.1	5.4	14.2	10.0	-1.9	-0.3	-0.3	3.5	8.6
	Power	0.6	-2.0	0.8	9.6	-3.2	1.7	0.6	10.7	7.6	-8.4	-4.4	-6.8	-1.0	6.8
	Lighting & Power Total	3.6	1.8	3.7	8.9	1.0	4.6	4.7	13.7	9.6	-2.8	-0.9	-1.3	2.7	8.3
Eligible Customers' Use	Commercial Power	3.3	1.4	4.9	6.8	1.4	1.5	1.5	6.4	6.6	-0.6	0.2	-1.1	2.3	3.4
	Industrial Power	3.3	3.2	4.2	3.8	2.1	2.1	2.9	6.6	2.6	2.2	2.7	1.1	5.0	0.1
	Eligible Customers' Use Total	3.3	2.5	4.5	4.8	1.9	1.9	2.4	6.5	4.0	1.2	1.9	0.4	4.0	1.4
Total Electricity Sales		3.4	2.2	4.2	6.1	1.6	2.9	3.4	9.4	6.1	-0.3	0.9	-0.2	3.6	3.9

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	3.0	2.8	4.3	18.2	3.9	12.2	16.1	13.1	7.9	8.7	0.3	8.6
	Power	1.1	1.8	2.8	15.2	3.9	9.9	14.5	11.5	5.9	7.2	1.0	6.8
	Lighting & Power Total	2.7	2.6	4.1	17.7	3.9	11.9	15.8	12.8	7.5	8.4	0.7	8.3
Eligible Customers' Use	Commercial Power	2.1	0.3	2.9	5.4	-3.8	3.1	11.4	-3.4	7.0	3.4	-0.3	3.4
	Industrial Power	4.2	1.1	-0.7	-2.4	-1.0	1.2	1.9	1.1	2.2	0.1	-1.4	0.1
	Sub-total	3.2	0.8	0.9	-0.3	-1.8	2.0	4.7	-0.8	4.2	1.4	-0.9	1.4
Total Electricity Sales		3.0	1.4	2.1	5.3	-0.1	5.8	8.4	4.5	5.5	3.9	0.5	3.9
(Large Industry)		5.7	2.0	-1.0	-3.3	0.7	1.4	1.5	3.0	1.5	-0.0	-0.8	-0.0

(Reference) Large Industry Demand Change by Month and Sector

By Sector		Year-on-year Change (%)													
		By Month													
		FY2007	Aug. 2007	Sep.	Oct.	Nov.	Dec.	Jan. 2008	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.
Textiles		0.4	1.5	2.6	0.7	-2.8	-4.5	-3.7	1.1	-5.6	-4.4	-5.3	-7.7	-3.4	-9.4
Paper & Pulp		4.5	4.4	4.9	0.1	4.5	8.0	9.5	10.3	7.9	8.6	9.7	4.1	7.8	5.9
Chemicals		6.9	5.8	7.1	5.3	6.7	8.2	6.7	12.5	7.8	4.5	3.8	5.4	6.7	4.5
Ceramics		2.3	4.6	4.3	0.6	1.2	-0.3	-0.3	3.5	-0.9	-1.2	1.7	0.8	2.1	1.0
Steel		1.9	4.6	1.1	1.1	-0.7	1.5	1.9	5.7	1.1	1.4	8.7	8.0	5.3	3.0
Non-Ferrous Metal		11.4	10.3	11.8	10.6	9.4	12.0	12.7	18.9	10.0	7.6	7.5	6.9	10.7	5.1
Machinery		5.1	5.4	7.6	5.8	3.5	2.7	4.8	8.6	1.9	4.5	3.9	1.1	8.0	-2.9
Large Industry Total		4.2	4.8	5.8	4.0	2.8	2.8	3.8	8.0	2.2	3.3	3.8	2.2	6.5	-0.0

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

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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	873,812	2,016,279	9,425,896	3,582,841	652,241	5,203,415	1,831,633	968,351	2,929,679	27,484,147	315,098	27,799,245
	<Residential Lighting>	601,280	1,432,128	7,002,378	2,478,989	386,410	3,860,407	1,258,845	722,149	2,079,893	19,822,479	288,791	20,111,270
	Power	143,847	411,658	1,491,122	811,825	154,858	896,946	335,724	231,570	738,998	5,216,548	379,352	5,595,900
	<Low Voltage>	126,376	340,019	1,310,315	699,183	135,178	831,268	295,328	187,968	672,806	4,598,441	68,841	4,667,282
	Lighting & Power Total	1,017,659	2,427,937	10,917,019	4,394,666	807,099	6,100,361	2,167,357	1,199,921	3,668,677	32,700,696	694,450	33,395,146
	Eligible Customers' Use	1,598,214	4,834,412	17,494,137	8,386,970	1,766,947	8,851,781	3,960,289	1,651,393	5,131,110	53,675,253	117,724	53,792,977
	<Commercial Power>	764,082	1,581,359	7,941,180	2,471,346	532,658	3,645,111	1,229,122	680,761	2,234,904	21,080,523	59,936	21,140,459
	<Industrial Power>	834,132	3,253,053	9,552,958	5,915,624	1,234,289	5,206,670	2,731,167	970,632	2,896,206	32,594,731	57,788	32,652,519
Total Electricity Sales	2,615,873	7,262,349	28,411,156	12,781,636	2,574,046	14,952,142	6,127,646	2,851,314	8,799,787	86,375,949	812,174	87,188,123	
Yea-on-year Change (%)	Lighting	103.0	102.8	104.3	118.2	103.9	112.2	116.1	113.1	107.9	108.7	100.3	108.6
	Power	101.1	101.8	102.8	115.2	103.9	109.9	114.5	111.5	105.9	107.2	101.0	106.8
	<Low Voltage>	101.2	103.4	103.5	119.0	106.7	111.3	118.3	113.4	106.6	108.8	98.8	108.6
	Lighting & Power Total	102.7	102.6	104.1	117.7	103.9	111.9	115.8	112.8	107.5	108.4	100.7	108.3
	Eligible Customers' Use	103.2	100.8	100.9	99.7	98.2	102.0	104.7	99.2	104.2	101.4	99.1	101.4
	<Commercial Power>	102.1	100.3	102.9	105.4	96.2	103.1	111.4	96.6	107.0	103.4	99.7	103.4
	<Industrial Power>	104.2	101.1	99.3	97.6	99.0	101.2	101.9	101.1	102.2	100.1	98.6	100.1
Total Electricity Sales	103.0	101.4	102.1	105.3	99.9	105.8	108.4	104.5	105.5	103.9	100.5	103.9	

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)	2,553,005	4,832,534	20,047,952	6,584,889	1,105,592	9,251,467	3,361,213	1,855,687	5,661,625	55,253,964	650,299	55,904,263
	Power Total (kW)	1,759,769	5,337,674	16,060,860	8,848,331	1,812,516	8,443,728	3,469,623	2,548,692	6,831,726	55,112,919	1,407,692	56,520,611
	<Low Voltage (kW)>	1,508,481	4,348,185	13,776,614	6,652,097	1,486,149	7,299,461	2,741,499	1,801,788	5,423,541	45,037,815	447,546	45,485,361
	Lighting & Power Total (Number of Contracts)	3,783,519	7,641,486	28,519,038	10,467,447	2,079,693	13,459,882	5,212,658	2,852,334	8,443,835	82,459,892	818,613	83,278,505

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

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

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Sales Volume and Change

By Sector		By Company											9-Co. Total	Okinawa	10-Co. Total
		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu					
Sales Volume (MWh)	Mining & Manufacturing	Mining	5,600	9,216	12,481	4,480	0	7,272	12,170	4,328	13,896	69,443	446	69,889	
		Manufacturing	Foodstuffs	99,030	148,283	552,752	254,965	23,262	242,669	94,699	48,393	209,153	1,673,206	9,261	1,682,467
			Textiles	0	10,007	8,430	60,216	71,931	42,271	19,820	10,398	15,076	238,149	0	238,149
			Paper & Pulp	121,481	118,684	221,248	132,244	29,209	73,100	57,798	157,606	36,594	947,964	573	948,537
			Chemical	23,779	201,832	884,124	286,375	133,008	439,611	326,024	146,570	243,826	2,685,149	1,319	2,686,468
			Oil/Coal	0	2,264	55,782	5,660	5,085	23,850	48,180	37,141	5,672	183,634	4,000	187,634
			Rubber Products	74	26,219	69,037	66,044	1,783	31,817	27,198	5,403	43,021	270,596	0	270,596
			Ceramics	4,838	61,100	230,718	233,801	34,816	232,229	70,629	1,801	86,420	956,352	4,392	960,744
			Steel	92,866	239,026	628,721	501,445	64,659	716,864	641,874	73,835	241,886	3,201,176	12,793	3,213,969
			Non-Ferrous Metals	14,374	329,550	379,521	140,988	70,511	186,522	143,791		164,065	1,429,322	623	1,429,945
			Machinery	60,284	794,828	1,740,604	1,925,468	339,398	810,415	477,738	157,477	696,676	7,002,888	0	7,002,888
	Others	36,852	204,921	952,079	472,631	135,667	437,694	103,149	49,495	160,779	2,553,267	2,529	2,555,796		
	Manufacturing Total	453,578	2,136,714	5,723,018	4,079,837	909,329	3,237,042	2,010,900	688,119	1,903,168	21,141,705	35,490	21,177,195		
	Mining & Manufacturing Total	459,178	2,145,930	5,735,498	4,084,317	909,329	3,244,314	2,023,070	692,447	1,917,064	21,211,147	35,936	21,247,083		
	Others	Railways	26,894	113,881	642,798	243,393	22,874	446,037	112,706	9,398	97,978	1,715,959	843	1,716,802	
Other than Railways		57,803	196,531	1,289,670	303,663	57,362	415,360	135,074	46,579	218,148	2,720,190	45,793	2,765,983		
Others Total		84,697	310,412	1,932,468	547,056	80,236	861,397	247,780	55,977	316,126	4,436,149	46,636	4,482,785		
Total		543,875	2,456,342	7,667,966	4,631,373	989,565	4,105,711	2,270,850	748,424	2,233,190	25,647,296	82,572	25,729,868		

Remarks: Figures may not add up due to rounding.

Demand Volume and Change by Large Industry Sector (August 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
Year-on-year Change (%)	Mining & Manufacturing	Mining											115.7	103.2	95.3	94.4	0.0	107.1	99.7	102.2	101.8	101.3	139.2	101.5
		Manufacturing	Foodstuffs	101.0	97.4	100.5	97.4	97.6	98.6	98.7	100.5	100.9	99.4	102.0	99.4									
			Textiles	0.0	87.9	89.5	89.7	91.1	87.2	100.9	83.2	98.1	90.6	0.0	90.6									
			Paper & Pulp	119.8	127.4	91.5	94.5	108.1	108.2	122.6	103.3	147.1	105.9	111.0	105.9									
			Chemical	100.0	109.0	109.1	95.7	99.8	99.4	97.6	108.5	118.0	104.5	97.3	104.5									
			Oil/Coal	0.0	34.8	146.5	107.2	94.9	114.8	185.7	105.2	94.9	128.2	98.4	127.4									
			Rubber Products	96.1	105.2	95.4	97.4	89.9	95.4	98.3	103.9	102.0	98.2	0.0	98.2									
			Ceramics	84.6	102.5	101.7	103.4	101.5	104.5	92.0	83.6	95.0	101.2	73.8	101.0									
			Steel	118.1	99.7	100.2	99.7	106.2	107.2	107.1	108.8	93.2	103.1	88.3	103.0									
			Non-Ferrous Metals	101.8	112.3	99.5	103.1	105.2	104.5	101.4		111.9	105.1	92.4	105.1									
			Machinery	102.0	98.1	94.3	95.3	103.8	102.0	96.0	101.4	99.2	97.1	0.0	97.1									
		Others	94.4	99.2	99.4	95.4	94.3	98.2	92.3	96.9	98.0	97.6	115.7	97.6										
	Manufacturing Total	108.0	102.6	99.3	96.6	100.7	102.2	101.7	103.4	102.0	100.3	92.6	100.3											
	Mining & Manufacturing Total		108.1	102.6	99.3	96.6	100.7	102.2	101.7	103.4	102.0	100.4	93.0	100.3										
	Others	Railways											94.4	100.0	98.1	97.3	109.9	98.6	101.2	98.7	97.8	98.5	98.1	98.5
Other than Railways											94.3	96.7	98.2	97.5	98.8	98.1	99.0	97.8	98.8	98.0	104.7	98.1		
Others Total											94.3	97.9	98.2	97.4	101.7	98.4	100.0	97.9	98.5	98.2	104.6	98.3		
Total		105.7	102.0	99.0	96.7	100.7	101.4	101.5	103.0	101.5	100.0	99.2	100.0											