

## Electricity Demand in Fiscal 2008 (Confirmed Report)

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

Electricity demand in fiscal 2008, measured in terms of the total electricity sales of the 10 power companies, was down for the first time in 5 years, declining by 3.3% from the last year to 888.9 billion kWh.

- **Lighting Demand (down 1.5% on the year, 285.28 billion kWh in total)**
- **Commercial Demand (down 0.6% on the year, 204.55 billion kWh in total)**

Outside the liberalized segment, lighting demand declined by 1.5% due principally decreased demand for heating caused by generally higher temperatures from late January to early March compared with a year ago.

Commercial demand in the liberalized segment decreased by 0.6%.

#### (Reference)

- **Large Industrial Demand (down 5.9% on the year, 281.57 billion kWh in total)**

Large industrial demand was down year on year for the first time in 7 years, decreasing by 5.9%. This was due mainly to year-on-year decline in all major sectors including steel.

### 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	-1.3	-1.6	-1.6	-2.2	-0.1	-1.9	-0.8	-0.9	-1.0	-1.5	-2.0	-1.5
	Power	-1.5	-6.2	-6.9	-7.6	-6.3	-7.2	-5.8	-5.1	-6.6	-6.5	0.8	-6.0
	Lighting & Power Total	-1.4	-2.2	-2.2	-3.1	-1.1	-2.6	-1.5	-1.6	-2.0	-2.2	-0.5	-2.2
Eligible Customers' Use	Commercial Power	-1.5	-1.5	-0.2	-1.0	-0.2	-1.8	2.0	-0.6	-0.5	-0.6	-0.6	-0.6
	Industrial Power	-3.0	-5.5	-5.4	-8.8	-7.1	-4.2	-7.4	-3.1	-4.4	-5.9	3.1	-5.8
	Sub-total	-2.3	-4.2	-3.2	-6.8	-5.3	-3.3	-4.9	-2.1	-2.9	-4.0	1.3	-4.0
Total Electricity Sales		-1.9	-3.5	-2.8	-5.6	-3.9	-3.0	-3.7	-1.9	-2.5	-3.4	-0.2	-3.3
(Large Industry)		-4.8	-5.6	-5.2	-9.0	-6.8	-3.8	-8.0	-3.0	-4.7	-5.9	1.5	-5.9

### Demand Change by Use

(Units: 100 GWh, %)

By Use		By Fiscal Year		Prev. 3 Years					
		This Year		FY2007		FY2006		FY2005	
		FY2008		FY2007		FY2006		FY2005	
Other than Eligible Customers' Use	Lighting Total	2,852.8	-1.5	2,897.2	4.1	2,783.1	-1.1	2,812.9	3.2
	Power	467.6	-6.0	497.4	0.6	494.3	-6.4	528.3	-2.0
	Lighting & Power Total	3,320.4	-2.2	3,394.7	3.6	3,277.4	-1.9	3,341.2	2.3
Eligible Customers' Use	Commercial Power	2,045.5	-0.6	2,058.6	3.3	1,993.2	0.6	1,981.7	2.3
	Industrial Power	3,523.4	-5.8	3,742.2	3.3	3,623.7	3.5	3,502.8	1.4
	Eligible Customers' Use Total	5,569.0	-4.0	5,800.8	3.3	5,616.9	2.4	5,484.4	1.8
Total Electricity Sales		8,889.3	-3.3	9,195.4	3.4	8,894.2	0.8	8,825.6	2.0

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

(Units: 100 GWh, %)

By Sector		By Fiscal Year		Prev. 3 Years					
		This Year		FY2007		FY2006		FY2005	
		FY2008		FY2007		FY2006		FY2005	
Textiles		27.8	-12.3	31.7	0.4	31.6	3.5	30.5	2.6
Paper & Pulp		105.9	-3.6	109.9	4.5	105.2	2.3	102.8	4.2
Chemicals		293.6	-6.2	312.8	6.9	292.7	5.6	277.0	3.0
Ceramics		114.3	-5.4	120.8	2.3	118.1	7.1	110.3	2.8
Steel		353.6	-10.8	396.3	1.9	389.0	7.5	361.7	-1.1
Non-Ferrous Metal		157.5	-6.4	168.2	11.4	151.1	7.3	140.8	5.7
Machinery		757.0	-8.4	826.1	5.1	786.1	6.2	740.4	3.1
Large Industry Total		2,815.7	-5.9	2,992.6	4.2	2,871.6	4.9	2,737.9	1.8

## Lighting & Power Demand Volume and Change by Company and Use (FY2008)

FEPC

### 1) Sales Volume & Change

By Company		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
Sales Volume (MWh)	Lighting	11,638,549	24,678,996	96,058,614	35,335,648	7,902,300	49,226,556	18,737,411	9,564,520	29,253,915	282,396,509	2,886,893	285,283,402
	<Residential Lighting>	7,552,767	16,641,624	68,864,443	23,035,606	4,140,721	33,864,647	11,664,092	6,540,573	18,916,693	191,221,166	2,568,819	193,789,985
	Power	2,258,056	4,078,102	11,905,376	6,747,560	1,432,760	6,504,380	2,736,683	1,950,753	5,718,274	43,331,944	3,424,062	46,756,006
	<Low Voltage>	1,258,100	3,074,111	9,917,151	4,984,960	1,101,222	5,577,363	2,061,721	1,317,363	4,851,410	34,143,401	502,008	34,645,409
	Lighting & Power Total	13,896,605	28,757,098	107,963,990	42,083,208	9,335,060	55,730,936	21,474,094	11,515,273	34,972,189	325,728,453	6,310,955	332,039,408
	Eligible Customers' Use	17,941,927	52,344,180	180,992,383	87,650,865	18,819,149	90,136,559	39,748,124	17,186,039	50,910,847	555,730,073	1,165,163	556,895,236
	<Commercial Power>	8,675,973	16,679,585	77,451,007	23,428,189	5,239,281	34,222,521	11,581,070	6,404,498	20,325,410	204,007,534	545,507	204,553,041
	<Industrial Power>	9,265,954	35,664,595	103,541,377	64,222,676	13,579,868	55,914,038	28,167,054	10,781,541	30,585,437	351,722,540	619,656	352,342,196
Total Electricity Sales	31,838,532	81,101,278	288,956,373	129,734,073	28,154,209	145,867,495	61,222,218	28,701,312	85,883,036	881,458,526	7,476,118	888,934,644	
Yea-on-year Basis (%)	Lighting	98.7	98.4	98.4	97.8	99.9	98.1	99.2	99.1	99.0	98.5	98.0	98.5
	Power	98.5	93.8	93.1	92.4	93.7	92.8	94.2	94.9	93.4	93.5	100.8	94.0
	<Low Voltage>	96.2	94.7	92.8	92.9	94.3	92.9	94.6	94.8	94.0	93.5	98.1	93.6
	Lighting & Power Total	98.6	97.8	97.8	96.9	98.9	97.4	98.5	98.4	98.0	97.8	99.5	97.8
	Eligible Customers' Use	97.7	95.8	96.8	93.2	94.7	96.7	95.1	97.9	97.1	96.0	101.3	96.0
	<Commercial Power>	98.5	98.5	99.8	99.0	99.8	98.2	102.0	99.4	99.5	99.4	99.4	99.4
	<Industrial Power>	97.0	94.5	94.6	91.2	92.9	95.8	92.6	96.9	95.6	94.1	103.1	94.2
	Total Electricity Sales	98.1	96.5	97.2	94.4	96.1	97.0	96.3	98.1	97.5	96.6	99.8	96.7

### 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
Contracted Electricity Volume & Number of Contracts	Residential Lighting (Number of Contracts)	30,612,746	57,984,778	240,477,612	78,942,742	13,226,995	110,786,008	40,230,408	22,215,186	67,756,891	662,233,366	7,810,409	670,043,775
	Power Total (kW)	26,059,186	63,941,385	189,166,110	105,307,597	22,115,236	100,172,792	41,193,167	29,927,053	80,248,927	658,131,453	16,851,566	674,983,019
	<Low Voltage (kW)>	18,044,832	52,039,875	164,704,561	79,523,517	17,768,616	87,345,874	32,764,880	21,562,563	64,892,444	538,647,162	5,344,805	543,991,967
	Lighting & Power Total (Number of Contracts)	46,119,670	91,732,744	341,797,414	125,580,078	24,991,758	161,321,725	62,465,818	34,090,722	101,045,952	989,145,881	9,834,391	998,980,272

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

## Demand Volume and Change by Large Industry Sector (FY2008)

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	67,930	115,612	169,590	57,609	137	99,273	153,061	51,602	171,978	886,792	5,615	892,407	
		Manufacturing	Foodstuffs	1,073,647	1,563,281	5,589,195	2,609,282	230,722	2,475,664	968,455	494,954	2,195,876	17,201,076	95,039	17,296,115
			Textiles	0	114,520	94,472	721,510	829,007	490,591	232,322	126,912	172,042	2,781,376	0	2,781,376
			Paper & Pulp	1,095,646	1,192,319	2,628,398	1,576,626	361,084	817,671	647,365	1,795,800	472,130	10,587,039	6,347	10,593,386
			Chemical	322,345	2,125,689	9,904,565	3,189,761	1,498,508	4,703,652	3,364,099	1,602,223	2,630,434	29,341,276	14,720	29,355,996
			Oil/Coal	15,625	46,488	527,249	76,060	46,231	277,438	374,242	433,597	63,703	1,860,633	43,169	1,903,802
			Rubber Products	858	312,941	774,798	757,644	20,243	346,776	313,880	57,640	504,930	3,089,710	0	3,089,710
			Ceramics	59,228	793,903	2,799,868	2,709,352	388,935	2,659,618	794,717	18,994	1,138,606	11,363,221	62,981	11,426,202
			Steel	952,846	2,716,030	7,529,957	5,704,545	741,571	8,148,888	5,966,249	935,775	2,519,137	35,214,998	147,692	35,362,690
			Non-Ferrous Metals	156,899	3,653,312	4,299,536	1,429,089	854,971	2,043,713	1,624,913		1,679,450	15,741,883	6,556	15,748,439
			Machinery	678,062	8,570,406	18,900,831	21,081,137	3,476,712	8,890,443	5,133,292	1,719,106	7,248,428	75,698,417	0	75,698,417
			Others	428,640	2,382,165	10,517,393	5,374,086	1,561,482	4,826,701	1,204,875	579,210	1,809,555	28,684,107	21,685	28,705,792
	Manufacturing Total	4,783,796	23,471,054	63,566,262	45,229,092	10,009,466	35,681,155	20,624,409	7,764,211	20,434,291	231,563,736	398,189	231,961,925		
	Mining & Manufacturing Total	4,851,726	23,586,666	63,735,852	45,286,701	10,009,603	35,780,428	20,777,470	7,815,813	20,606,269	232,450,528	403,804	232,854,332		
	Others	Railways	349,756	1,361,325	6,855,200	2,737,311	264,582	4,733,612	1,270,579	103,944	1,060,620	18,736,929	8,770	18,745,699	
Other than Railways		671,217	2,239,130	13,789,899	3,290,127	627,184	4,546,463	1,466,088	513,339	2,356,827	29,500,274	467,660	29,967,934		
Others Total		1,020,973	3,600,455	20,645,098	6,027,438	891,766	9,280,075	2,736,667	617,283	3,417,447	48,237,202	476,430	48,713,632		
Total		5,872,699	27,187,121	84,380,950	51,314,139	10,901,369	45,060,503	23,514,137	8,433,096	24,023,716	280,687,730	880,234	281,567,964		

Remarks: Figures may not add up due to rounding.

## Demand Volume and Change by Large Industry Sector (FY2008)

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		102.4	97.7	99.3	95.6	29.3	111.8	95.8	94.2	100.8	99.6	102.9	99.6
		Manufacturing	Foodstuffs	103.1	100.4	100.6	99.1	99.9	99.1	99.3	101.7	102.2	100.4	102.2	100.4
			Textiles	0.0	84.5	84.2	87.5	87.7	85.9	94.4	83.5	93.6	87.7	0.0	87.7
			Paper & Pulp	93.4	97.6	90.2	93.9	102.0	105.1	101.8	96.6	126.3	96.4	98.4	96.4
			Chemical	97.0	94.4	94.5	92.7	94.0	94.2	87.6	92.8	100.8	93.8	93.7	93.8
			Oil/Coal	260.9	52.1	126.3	122.7	78.5	106.3	124.7	105.4	93.8	111.1	115.1	111.2
			Rubber Products	91.0	99.4	90.5	92.2	86.9	93.1	90.9	96.4	93.9	92.7	0.0	92.7
			Ceramics	55.5	94.1	96.7	95.9	86.8	97.2	88.1	97.4	92.3	94.6	97.4	94.6
			Steel	93.7	85.3	93.5	82.9	92.1	92.7	88.8	101.0	81.6	89.2	92.4	89.2
			Non-Ferrous Metals	87.6	101.1	90.3	77.6	94.6	94.6	95.8		100.9	93.6	88.5	93.6
			Machinery	91.4	91.6	89.8	90.3	92.1	97.9	89.6	97.1	93.5	91.6	0.0	91.6
			Others	93.0	96.6	94.7	91.5	93.9	94.0	93.3	95.9	95.0	94.0	101.3	94.0
	Manufacturing Total	94.6	93.7	93.2	90.0	92.7	95.5	90.9	96.9	94.8	93.0	98.1	93.0		
	Mining & Manufacturing Total		94.7	93.8	93.2	90.0	92.7	95.5	91.0	96.8	94.8	93.0	98.1	93.0	
	Others	Railways		98.3	98.8	100.9	98.9	100.4	100.0	101.0	100.2	99.3	100.1	98.3	100.1
Other than Railways		97.1	98.4	99.4	98.9	99.6	98.4	100.0	98.5	97.9	99.0	104.7	99.1		
Others Total		97.5	98.6	99.9	98.9	99.9	99.2	100.5	98.7	98.4	99.4	104.6	99.4		
Total		95.2	94.4	94.8	91.0	93.2	96.2	92.0	97.0	95.3	94.1	101.5	94.1		