

Electricity Demand in FY2009 (Confirmed Report)

Demand Overview (Total Sales of 10 Power Companies)

Electricity demand in fiscal 2009, measured in terms of the total electricity sales of the 10 power companies, was down for two consecutive years, declining 3.4% from the last year to 858.5 billion kWh.

- **Lighting Demand (down 0.1% on the year, 284.96 billion kWh in total)**
- **Commercial Demand (down 1.4% on the year, 201.70 billion kWh in total)**

Outside the liberalized segment, lighting demand declined by 0.1% due principally to decreased demand for cooling caused by generally lower temperatures from July to September compared with a year ago.

Commercial demand in the liberalized segment decreased by 1.4%.

(Reference)

- **Large Industrial Demand (down 7.4% on the year, 260.87 billion kWh in total)**

Large industrial demand was down year on year for two consecutive years, decreasing by 7.4%. 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	2.0	1.4	0.0	-0.9	1.2	-0.8	-1.0	-1.1	-0.3	-0.1	1.0	-0.1
	Power	4.9	-0.3	-4.3	-4.9	-4.5	-5.1	-5.7	-4.2	-3.0	-3.6	-0.9	-3.4
	Lighting & Power Total	2.5	1.2	-0.4	-1.5	0.3	-1.3	-1.6	-1.6	-0.7	-0.6	-0.0	-0.6
Eligible Customers' Use	Commercial Power	-0.5	-1.2	-1.2	-1.5	-1.0	-1.3	-3.8	-0.8	-1.9	-1.4	1.3	-1.4
	Industrial Power	-7.5	-6.3	-7.1	-9.2	-7.0	-5.6	-9.0	-9.0	-6.1	-7.3	-0.4	-7.3
	Sub-total	-4.1	-4.7	-4.6	-7.1	-5.3	-3.9	-7.5	-6.0	-4.4	-5.1	0.4	-5.1
Total Electricity Sales		-1.2	-2.6	-3.0	-5.3	-3.5	-2.9	-5.4	-4.2	-2.9	-3.5	0.0	-3.4
(Large Industry)		-9.7	-6.8	-7.2	-9.1	-7.0	-4.9	-9.3	-10.1	-6.7	-7.4	0.0	-7.4

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	2,849.6	-0.1	2,852.8	-1.5	2,897.2	4.1	2,783.1	-1.1
	Power	451.7	-3.4	467.6	-6.0	497.4	0.6	494.3	-6.4
	Lighting & Power Total	3,301.4	-0.6	3,320.4	-2.2	3,394.7	3.6	3,277.4	-1.9
Eligible Customers' Use	Commercial Power	2,017.0	-1.4	2,045.5	-0.6	2,058.6	3.3	1,993.2	0.6
	Industrial Power	3,266.8	-7.3	3,523.4	-5.8	3,742.2	3.3	3,623.7	3.5
	Eligible Customers' Use Total	5,283.8	-5.1	5,569.0	-4.0	5,800.8	3.3	5,616.9	2.4
Total Electricity Sales		8,585.2	-3.4	8,889.3	-3.3	9,195.4	3.4	8,894.2	0.8

(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		39.9	-14.7	27.8	-12.3	31.7	0.4	31.6	3.5
Paper & Pulp		94.0	-9.9	105.9	-3.6	109.9	4.5	105.2	2.3
Chemicals		260.8	-5.2	293.6	-6.2	312.8	6.9	292.7	5.6
Ceramics		102.8	-9.9	114.3	-5.4	120.8	2.3	118.1	7.1
Steel		296.6	-16.1	353.6	-10.8	396.3	1.9	389.0	7.5
Non-Ferrous Metal		147.1	-6.6	157.5	-6.4	168.2	11.4	151.1	7.3
Machinery		689.9	-8.6	757.0	-8.4	826.1	5.1	786.1	6.2
Large Industry Total		2,608.7	-7.4	2,815.7	-5.9	2,992.6	4.2	2,871.6	4.9

Lighting & Power Demand Volume and Change by Company and Use (FY2009)

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	11,875,460	25,036,076	96,089,156	35,029,398	7,994,834	48,841,093	18,546,761	9,464,024	29,172,062	282,048,864	2,915,554	284,964,418
	<Residential Lighting>	7,592,450	16,487,639	67,956,246	22,368,062	3,946,817	32,702,602	11,062,658	6,214,493	18,237,841	186,568,808	2,566,548	189,135,356
	Power	2,367,842	4,066,245	11,392,683	6,418,157	1,367,856	6,172,065	2,581,785	1,868,940	5,544,399	41,779,972	3,393,180	45,173,152
	<Low Voltage>	1,232,172	3,018,436	9,467,377	4,708,963	1,039,656	5,286,351	1,938,630	1,266,309	4,690,625	32,648,519	481,965	33,130,484
	Lighting & Power Total	14,243,302	29,102,321	107,481,840	41,447,555	9,362,690	55,013,158	21,128,546	11,332,964	34,716,461	323,828,837	6,308,734	330,137,571
	Eligible Customers' Use	17,207,557	49,889,363	172,685,600	81,401,436	17,812,461	86,591,369	36,782,539	16,163,187	48,675,206	527,208,718	1,169,633	528,378,351
	<Commercial Power>	8,633,241	16,479,687	76,542,324	23,078,519	5,186,576	33,791,696	11,139,840	6,350,995	19,941,797	201,144,675	552,476	201,697,151
	<Industrial Power>	8,574,316	33,409,676	96,143,276	58,322,917	12,625,885	52,799,673	25,642,699	9,812,192	28,733,409	326,064,043	617,157	326,681,200
Total Electricity Sales	31,450,859	78,991,684	280,167,440	122,848,991	27,175,151	141,604,527	57,911,085	27,496,151	83,391,667	851,037,555	7,478,367	858,515,922	
Yea-on-year Basis (%)	Lighting	102.0	101.4	100.0	99.1	101.2	99.2	99.0	98.9	99.7	99.9	101.0	99.9
	Power	104.9	99.7	95.7	95.1	95.5	94.9	94.3	95.8	97.0	96.4	99.1	96.6
	<Low Voltage>	97.9	98.2	95.5	94.5	94.4	94.8	94.0	96.1	96.7	95.6	96.0	95.6
	Lighting & Power Total	102.5	101.2	99.6	98.5	100.3	98.7	98.4	98.4	99.3	99.4	100.0	99.4
	Eligible Customers' Use	95.9	95.3	95.4	92.9	94.7	96.1	92.5	94.0	95.6	94.9	100.4	94.9
	<Commercial Power>	99.5	98.8	98.8	98.5	99.0	98.7	96.2	99.2	98.1	98.6	101.3	98.6
	<Industrial Power>	92.5	93.7	92.9	90.8	93.0	94.4	91.0	91.0	93.9	92.7	99.6	92.7
	Total Electricity Sales	98.8	97.4	97.0	94.7	96.5	97.1	94.6	95.8	97.1	96.5	100.0	96.6

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)	30,460,509	57,447,440	240,410,341	78,095,307	12,934,037	110,056,184	39,601,233	21,884,765	66,986,879	657,876,695	7,877,115	665,753,810
	Power Total (kW)	26,373,411	62,613,382	184,106,962	101,946,965	21,492,672	97,598,573	39,986,685	29,155,412	78,754,451	642,028,513	16,742,309	658,770,822
	<Low Voltage (kW)>	17,620,257	50,899,600	160,568,927	77,124,928	17,327,829	85,335,798	31,913,552	21,097,963	63,782,737	525,671,591	5,223,255	530,894,846
	Lighting & Power Total (Number of Contracts)	46,239,993	91,760,516	343,158,906	125,332,699	24,972,411	161,803,686	62,447,434	34,059,974	101,320,655	991,096,274	9,942,127	1,001,038,401

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

Demand Volume and Change by Large Industry Sector (FY2009)

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	80,327	103,783	163,004	49,674	0	88,748	145,395	46,101	163,222	840,254	5,479	845,733	
		Manufacturing	Foodstuffs	1,079,793	1,568,099	5,587,560	2,546,109	215,060	2,433,066	988,029	475,977	2,207,088	17,100,781	99,994	17,200,775
			Textiles	0	91,454	317,092	962,947	982,236	617,244	370,835	315,173	328,830	3,985,811	0	3,985,811
			Paper & Pulp	820,143	995,071	2,497,639	1,521,520	326,659	792,060	511,912	1,480,264	449,736	9,395,004	5,926	9,400,930
			Chemical	308,941	2,029,449	9,017,711	2,665,844	1,192,371	4,426,638	2,900,354	1,150,251	2,371,777	26,063,336	14,667	26,078,003
			Oil/Coal	8,809	19,359	463,373	76,311	8,458	301,979	360,846	383,143	104,448	1,726,726	44,246	1,770,972
			Rubber Products	646	292,034	695,470	666,581	18,233	317,205	275,951	54,656	459,819	2,780,595	0	2,780,595
			Ceramics	102,397	677,825	2,500,943	2,137,018	339,820	2,822,474	718,289	17,067	903,630	10,219,463	57,330	10,276,793
			Steel	713,868	2,463,281	6,401,033	4,893,007	604,725	6,720,142	4,935,679	813,504	1,992,647	29,537,886	121,035	29,658,921
			Non-Ferrous Metals	163,279	3,423,112	3,995,649	1,290,662	862,580	1,750,383	1,554,490		1,659,552	14,699,707	5,885	14,705,592
			Machinery	622,298	7,852,166	16,853,911	18,700,947	3,219,659	8,783,403	4,665,842	1,653,608	6,639,641	68,991,475	0	68,991,475
		Others	405,632	2,248,662	9,890,017	5,203,161	1,484,128	4,679,220	1,203,667	587,551	1,695,603	27,397,641	21,698	27,419,339	
		Manufacturing Total	4,225,806	21,660,512	58,220,398	40,664,107	9,253,929	33,643,814	18,485,894	6,931,194	18,812,771	211,898,425	370,781	212,269,206	
		Mining & Manufacturing Total		4,306,133	21,764,295	58,383,402	40,713,781	9,253,929	33,732,562	18,631,289	6,977,295	18,975,993	212,738,679	376,260	213,114,939
Others	Railways	349,440	1,369,835	6,300,918	2,703,304	260,358	4,708,189	1,253,602	101,409	1,053,461	18,100,516	8,715	18,109,231		
	Other than Railways	648,498	2,211,634	13,654,917	3,243,557	629,341	4,427,790	1,453,320	503,500	2,377,224	29,149,781	495,524	29,645,305		
	Others Total	997,938	3,581,469	19,955,835	5,946,861	889,699	9,135,979	2,706,922	604,909	3,430,685	47,250,297	504,239	47,754,536		
Total		5,304,071	25,345,764	78,339,237	46,660,642	10,143,628	42,868,541	21,338,211	7,582,204	22,406,678	259,988,976	880,499	260,869,475		

Remarks: Figures may not add up due to rounding.

Demand Volume and Change by Large Industry Sector (FY2009)

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		118.2	89.8	96.1	86.2	0.0	89.4	95.0	89.3	94.9	94.8	97.6	94.8
		Manufacturing	Foodstuffs	100.6	100.3	100.0	97.6	93.2	98.3	102.0	96.2	100.5	99.4	105.2	99.4
			Textiles	0.0	78.5	91.9	87.9	85.1	85.8	87.5	71.1	87.3	85.3	0.0	85.3
			Paper & Pulp	74.9	85.0	95.0	101.2	90.5	97.2	86.9	82.4	95.3	90.1	93.4	90.1
			Chemical	95.9	95.5	93.2	94.4	101.6	98.8	91.4	89.5	97.2	94.8	99.6	94.8
			Oil/Coal	56.4	41.6	87.9	100.3	18.3	108.8	96.4	88.4	164.0	92.8	102.5	93.0
			Rubber Products	75.3	93.3	89.8	88.0	90.1	91.5	87.9	94.8	91.1	90.0	0.0	90.0
			Ceramics	172.9	85.4	89.3	79.1	87.4	106.4	90.4	89.9	79.7	90.1	91.0	90.1
			Steel	74.9	90.7	85.0	85.8	81.5	82.5	82.7	86.9	79.1	83.9	82.0	83.9
			Non-Ferrous Metals	104.1	93.7	92.9	90.3	100.9	85.6	95.7		98.8	93.4	89.8	93.4
			Machinery	91.8	91.8	89.4	89.1	92.8	99.0	90.9	96.2	91.7	91.4	0.0	91.4
			Others	94.6	92.8	93.7	93.9	94.7	96.6	95.3	101.4	93.8	94.4	100.1	94.4
	Manufacturing Total	88.3	92.3	91.6	89.9	92.5	94.3	89.6	89.3	92.1	91.5	93.1	91.5		
	Mining & Manufacturing Total		88.8	92.3	91.6	89.9	92.5	94.3	89.7	89.3	92.1	91.5	93.2	91.5	
	Others	Railways		99.9	100.6	91.9	98.8	98.4	99.5	98.7	97.6	99.3	96.6	99.4	96.6
Other than Railways		96.6	98.8	99.0	98.6	100.3	97.4	99.1	98.1	100.9	98.8	106.0	98.9		
Others Total		97.7	99.5	96.7	98.7	99.8	98.4	98.9	98.0	100.4	98.0	105.8	98.0		
Total		90.3	93.2	92.8	90.9	93.0	95.1	90.7	89.9	93.3	92.6	100.0	92.6		