

Electricity Demand in the Second Half of Fiscal 2008 (Confirmed Report)

Demand Overview (Total Sales of 10 Power Companies)

Electricity demand in the second half of fiscal 2008, measured in terms of the total electricity sales of the 10 power companies, was down for the first time in 4 half terms, declining by 6.8% on last year to 432.8 billion kWh.

- **Lighting Demand (down 2.3% on the year, 150.89 billion kWh in total)**
- **Commercial Demand (down 1.2% on the year, 98.59 billion kWh in total)**

Outside the liberalized segment, lighting demand declined by 2.3% due principally to decreased demand for heating caused by generally higher temperatures from late January to early March compared with the last year.

Commercial demand in the liberalized segment declined by 1.2%.

(Reference)

- **Large Industrial Demand (down 14.6% on the year, 127.12 billion kWh in total)**

Large industrial demand was down for the first time in 11 half terms, decreasing 14.6%. 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	-0.8	-1.7	-3.1	-2.6	-1.0	-2.5	-1.5	-1.9	-1.6	-2.3	-1.0	-2.3
	Power	1.2	-8.3	-8.6	-8.4	-9.9	-8.9	-7.1	-6.6	-7.9	-7.7	1.2	-7.2
	Lighting & Power Total	-0.4	-2.6	-3.6	-3.6	-2.3	-3.2	-2.2	-2.7	-2.6	-3.0	0.1	-3.0
Eligible Customers' Use	Commercial Power	-1.6	-2.1	-0.3	-2.6	-1.3	-2.8	2.6	-1.1	-1.5	-1.2	-1.2	-1.2
	Industrial Power	-8.7	-13.6	-11.5	-18.2	-15.7	-11.3	-18.1	-10.8	-11.2	-13.5	0.3	-13.5
	Sub-total	-5.3	-10.0	-6.9	-14.3	-12.0	-8.2	-12.6	-7.4	-7.5	-9.2	-0.4	-9.2
Total Electricity Sales		-3.1	-7.3	-5.6	-10.8	-8.7	-6.2	-8.9	-5.4	-5.5	-6.9	0.1	-6.8
(Large Industry)		-14.9	-15.3	-12.0	-19.3	-16.3	-11.6	-20.2	-12.2	-12.8	-14.6	-0.4	-14.6

Demand Change by Use

(Units: 100 GWh, %)

By Use		By Period		Prev. 3 Periods					
		This Period		1st Half of FY2008		2nd Half of FY2007		1st Half of FY2007	
		2nd Half of FY2008		1st Half of FY2008		2nd Half of FY2007		1st Half of FY2007	
Other than Eligible Customers' Use	Lighting Total	1,508.9	-2.3	1,344.0	-0.6	1,544.8	7.6	1,352.5	0.4
	Power	226.6	-7.2	240.9	-4.9	244.1	4.6	253.3	-2.9
	Lighting & Power Total	1,735.5	-3.0	1,584.9	-1.3	1,788.9	7.2	1,605.8	-0.1
Eligible Customers' Use	Commercial Power	985.9	-1.2	1,059.7	-0.1	997.8	4.1	1,060.9	2.6
	Industrial Power	1,606.8	-13.5	1,916.7	1.7	1,857.6	3.3	1,884.5	3.2
	Eligible Customers' Use Total	2,592.6	-9.2	2,976.3	1.0	2,855.4	3.6	2,945.4	3.0
Total Electricity Sales		4,328.1	-6.8	4,561.2	0.2	4,644.3	4.9	4,551.2	1.9

(Reference) Large Industry Demand Change by Sector

(Units: 100 GWh, %)

By Sector		By Period		Prev. 3 Periods					
		This Period		1st Half of FY2008		2nd Half of FY2007		1st Half of FY2007	
		2nd Half of FY2008		1st Half of FY2008		2nd Half of FY2007		1st Half of FY2007	
Textiles		12.6	-18.4	15.2	-6.4	15.5	-2.5	16.2	3.3
Paper & Pulp		47.9	-13.6	58.1	6.5	55.4	6.5	54.5	2.5
Chemicals		132.1	-16.9	161.5	4.9	158.9	7.8	154.0	6.0
Ceramics		54.1	-11.6	60.2	1.0	61.2	0.6	59.6	4.1
Steel		147.3	-26.5	206.3	5.3	200.4	1.7	195.9	10.5
Non-Ferrous Metal		70.2	-19.1	425.5	2.2	409.7	4.5	416.4	5.7
Machinery		331.5	-14.6	1,544.5	2.7	1,488.5	3.9	1,504.1	4.5
Large Industry Total		1,271.2	-14.6	1,544.5	2.7	1,488.5	3.9	1,504.1	4.5

Lighting & Power Demand Volume and Change by Company and Use (2nd Half of 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	6,394,595	13,617,054	50,513,553	18,674,743	4,360,318	25,695,065	9,989,408	5,003,839	15,262,111	149,510,686	1,374,804	150,885,490
	<Residential Lighting>	4,046,717	8,984,687	36,041,960	12,042,360	2,191,165	17,336,697	6,038,613	3,329,803	9,599,183	99,611,185	1,201,389	100,812,574
	Power	1,437,667	2,079,144	5,605,399	3,296,259	705,494	3,012,348	1,331,829	938,238	2,668,204	21,074,582	1,587,433	22,662,015
	<Low Voltage>	613,398	1,537,052	4,662,592	2,341,896	522,414	2,520,650	961,653	597,215	2,220,350	15,977,220	205,262	16,182,482
	Lighting & Power Total	7,832,262	15,696,198	56,118,952	21,971,002	5,065,812	28,707,413	11,321,237	5,942,077	17,930,315	170,585,268	2,962,237	173,547,505
	Eligible Customers' Use	8,806,906	24,793,354	84,927,676	39,884,480	8,724,188	41,715,243	18,207,665	7,997,009	23,679,808	258,736,329	527,400	259,263,729
	<Commercial Power>	4,390,028	8,344,351	37,305,432	11,199,725	2,543,404	16,170,459	5,731,259	2,996,649	9,671,695	98,353,002	234,455	98,587,457
	<Industrial Power>	4,416,878	16,449,003	47,622,244	28,684,755	6,180,784	25,544,784	12,476,406	5,000,360	14,008,113	160,383,327	292,945	160,676,272
Total Electricity Sales	16,639,168	40,489,552	141,046,628	61,855,482	13,790,000	70,422,656	29,528,902	13,939,086	41,610,123	429,321,597	3,489,637	432,811,234	
Yea-on-year Basis (%)	Lighting	99.2	98.3	96.9	97.4	99.0	97.5	98.5	98.1	98.4	97.7	99.0	97.7
	Power	101.2	91.7	91.4	91.6	90.1	91.1	92.9	93.4	92.1	92.3	101.2	92.8
	<Low Voltage>	97.6	93.3	90.9	90.9	90.1	90.8	92.7	92.7	92.3	91.7	100.4	91.8
	Lighting & Power Total	99.6	97.4	96.4	96.4	97.7	96.8	97.8	97.3	97.4	97.0	100.1	97.0
	Eligible Customers' Use	94.7	90.0	93.1	85.7	88.0	91.8	87.4	92.6	92.5	90.8	99.6	90.8
	<Commercial Power>	98.4	97.9	99.7	97.4	98.7	97.2	102.6	98.9	98.5	98.8	98.8	98.8
	<Industrial Power>	91.3	86.4	88.5	81.8	84.3	88.7	81.9	89.2	88.8	86.5	100.3	86.5
	Total Electricity Sales	96.9	92.7	94.4	89.2	91.3	93.8	91.1	94.6	94.5	93.1	100.1	93.2

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 & Number of Contracts	Residential Lighting (Number of Contracts)	15,268,607	28,951,399	120,221,439	39,404,058	6,573,288	55,277,573	20,023,317	11,061,855	33,762,906	330,544,442	3,908,253	334,452,695
	Power Total (kW)	14,537,730	32,113,101	93,094,300	52,121,435	11,217,572	49,558,621	20,359,216	14,723,601	39,611,675	327,337,251	8,392,035	335,729,286
	<Low Voltage (kW)>	8,974,044	25,890,716	81,878,009	39,527,683	8,833,456	43,449,519	16,281,366	10,727,789	32,320,209	267,882,791	2,650,540	270,533,331
	Lighting & Power Total (Number of Contracts)	23,284,646	45,944,324	170,927,066	62,809,013	12,511,840	80,685,272	31,215,691	17,005,960	50,513,935	494,897,747	4,925,037	499,822,784

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

Demand Volume and Change by Large Industry Sector (2nd Half of FY2008)

FEPC

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	35,950	57,489	88,349	28,188	0	51,043	76,536	23,897	87,210	448,662	2,918	451,580	
		Manufacturing	Foodstuffs	517,182	743,067	2,584,809	1,199,113	104,536	1,134,827	444,741	231,664	1,029,585	7,989,524	46,480	8,036,004
			Textiles	0	51,583	42,721	328,703	374,581	222,098	105,450	60,256	78,573	1,263,965	0	1,263,965
			Paper & Pulp	435,390	513,673	1,222,394	728,641	175,178	380,395	289,845	811,121	227,927	4,784,564	3,015	4,787,579
			Chemical	158,649	967,041	4,449,629	1,403,339	698,658	2,127,475	1,487,957	709,380	1,197,017	13,199,145	7,214	13,206,359
			Oil/Coal	113	10,322	226,962	33,271	21,179	133,065	137,250	216,845	33,571	812,578	22,230	834,808
			Rubber Products	411	140,825	338,094	331,617	9,014	153,308	136,819	25,486	224,496	1,360,070	0	1,360,070
			Ceramics	24,301	381,797	1,362,039	1,284,240	171,718	1,240,388	334,339	9,296	569,002	5,377,120	33,886	5,411,006
			Steel	364,484	1,159,312	3,312,717	2,300,538	330,068	3,351,427	2,358,230	444,941	1,042,355	14,664,072	68,080	14,732,152
			Non-Ferrous Metals	59,979	1,640,183	1,915,447	591,681	404,629	918,169	756,098		727,780	7,013,966	3,175	7,017,141
			Machinery	288,762	3,771,162	8,285,006	9,100,437	1,470,970	4,067,554	2,210,082	784,798	3,166,615	33,145,386	0	33,145,386
	Others	206,475	1,108,232	4,847,768	2,401,053	727,146	2,203,055	558,911	278,652	827,816	13,159,108	10,153	13,169,261		
	Manufacturing Total	2,055,746	10,487,197	28,587,585	19,702,633	4,487,677	15,931,761	8,819,722	3,572,439	9,124,737	102,769,497	194,233	102,963,730		
	Mining & Manufacturing Total	2,091,696	10,544,686	28,675,934	19,730,821	4,487,677	15,982,804	8,896,258	3,596,336	9,211,947	103,218,159	197,151	103,415,310		
Others	Railways	188,656	716,541	3,344,058	1,369,730	136,137	2,307,895	635,770	52,258	523,526	9,274,571	4,250	9,278,821		
	Other than Railways	331,612	1,104,769	6,575,238	1,592,499	306,670	2,188,599	709,063	251,339	1,143,538	14,203,327	217,941	14,421,268		
	Others Total	520,268	1,821,310	9,919,296	2,962,229	442,807	4,496,494	1,344,833	303,597	1,667,064	23,477,898	222,191	23,700,089		
Total		2,611,964	12,365,996	38,595,230	22,693,050	4,930,484	20,479,298	10,241,091	3,899,933	10,879,011	126,696,057	419,342	127,115,399		

Remarks: Figures may not add up due to rounding.

Demand Volume and Change by Large Industry Sector (2nd Half of 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
		Mining	Manufacturing												
Year-on-year Basis (%)	Mining & Manufacturing	Mining		112.1	93.3	99.5	88.7	0.0	111.8	92.4	82.8	98.4	97.4	100.3	97.5
		Manufacturing	Foodstuffs	101.5	100.6	99.5	97.5	98.8	98.0	96.7	102.2	101.6	99.4	103.5	99.4
			Textiles	0.0	78.2	80.2	81.7	80.4	79.6	88.6	82.8	86.3	81.6	0.0	81.6
			Paper & Pulp	74.8	83.0	86.0	89.8	97.8	100.8	88.2	79.4	115.3	86.4	96.5	86.4
			Chemical	95.1	80.3	82.8	85.0	87.2	87.8	74.4	80.0	87.2	83.1	93.3	83.1
			Oil/Coal	11,300.0	22.1	110.5	122.1	70.0	101.8	89.2	102.1	86.1	96.1	117.6	96.6
			Rubber Products	83.5	86.0	81.0	80.8	76.3	86.3	77.5	86.5	83.6	82.1	0.0	82.1
			Ceramics	65.0	88.1	92.8	87.9	76.7	90.5	71.7	103.4	91.8	88.3	102.7	88.4
			Steel	73.3	73.2	81.8	65.7	79.3	73.8	70.7	95.3	67.0	73.5	81.1	73.5
			Non-Ferrous Metals	65.0	85.3	80.2	60.2	84.3	84.1	87.3		87.7	81.0	85.6	81.0
			Machinery	74.9	80.8	80.1	77.9	77.5	90.2	77.6	88.9	84.3	80.9	0.0	80.9
			Others	89.7	89.8	89.3	82.2	87.7	87.9	88.4	93.0	88.7	87.6	103.0	87.6
	Manufacturing Total	82.2	82.7	84.7	78.6	82.5	85.8	77.5	87.0	85.4	82.8	94.7	82.8		
	Mining & Manufacturing Total	82.5	82.7	84.7	78.6	82.5	85.9	77.6	87.0	85.5	82.8	94.8	82.8		
Others	Railways	98.7	98.3	100.5	98.4	97.8	99.3	99.8	99.5	98.9	99.5	99.7	99.5		
	Other than Railways	96.6	97.5	98.5	98.2	98.6	98.5	97.9	99.1	97.1	98.2	104.5	98.3		
	Others Total	97.3	97.8	99.2	98.3	98.4	98.9	98.8	99.2	97.7	98.7	104.4	98.8		
Total		85.1	84.7	88.0	80.7	83.7	88.4	79.8	87.8	87.2	85.4	99.6	85.4		