

Electricity Demand in the First Half of Fiscal 2010 (Confirmed Report)

Demand Overview (Total Sales of 10 Power Companies)

Electricity demand in the first half of fiscal 2010, measured in terms of the total electricity sales of the 10 power utilities, was up for two consecutive terms, increasing by 8.8% from the last year to 458.3 billion kWh.

- **Lighting Demand (up 10.2% on the year, 146.15 billion kWh in total)**
- **Commercial Demand (up 3.6% on the year, 107.96 billion kWh in total)**

Outside the liberalized segment, lighting demand rose by 10.2% due principally to increased demand for cooling caused by record high temperatures in this summer.
Commercial demand in the liberalized segment increased by 3.6%.

(Reference)

- **Large Industrial Demand (up 11.9% on the year, 143.82 billion kWh in total)**

Large industrial demand was up for two consecutive terms, increasing 11.9%. This was due mainly to the year-on-year increase in all major sectors including steel.

Demand Change by Use

(Units: 100 GWh, %)

By Use		By Period		This Period		Prev. 3 Periods			
				1st Half of FY2010		2nd Half of FY2009		1st Half of FY2009	
Other than Eligible Customers' Use	Lighting Total			1,461.5	10.2	1,523.7	1.0	1,326.0	-1.3
	Power			247.6	8.3	223.1	-1.6	228.7	-5.1
	Lighting & Power Total			1,709.1	9.9	1,746.7	0.6	1,554.6	-1.9
Eligible Customers' Use	Commercial Power			1,079.6	3.6	974.7	-1.1	1,042.2	-1.6
	Industrial Power			1,793.8	11.1	1,652.2	2.8	1,614.6	-15.8
	Eligible Customers' Use Total			2,873.4	8.2	2,627.0	1.3	2,656.8	-10.7
Total Electricity Sales				4,582.5	8.8	4,373.7	1.1	4,211.5	-7.7

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	3.8	9.5	12.6	9.2	12.3	10.2	10.0	9.5	7.7	10.3	0.8	10.2
	Power	11.2	10.4	12.5	7.1	12.2	8.8	7.8	8.6	3.8	9.0	0.3	8.3
	Lighting & Power Total	4.8	9.7	12.6	8.9	12.3	10.0	9.7	8.6	7.0	10.1	0.5	9.9
Eligible Customers' Use	Commercial Power	3.5	5.9	3.8	3.5	6.2	2.4	5.4	4.4	1.1	3.6	2.0	3.6
	Industrial Power	6.2	11.4	9.3	13.2	14.9	12.9	15.8	9.1	6.3	11.1	-5.3	11.1
	Sub-total	4.9	9.6	6.8	10.3	12.3	8.6	12.5	7.2	4.1	8.2	-1.7	8.2
Total Electricity Sales		4.8	9.6	8.9	9.9	12.3	9.1	11.5	7.7	5.3	8.9	0.2	8.8
(Large Industry)		7.8	12.0	9.5	13.8	14.9	14.1	17.7	10.7	7.1	11.9	-3.3	11.9

(Reference) Large Industry Demand Change by Sector

(Units: 100 GWh, %)

By Sector		By Period		This Period		Prev. 3 Periods			
				1st Half of FY2010		2nd Half of FY2009		1st Half of FY2009	
Textiles				22.4	14.8	20.3	-2.8	19.5	-24.4
Paper & Pulp				50.4	6.3	46.6	-1.1	47.4	-17.2
Chemicals				141.1	11.7	0.0	8.4	126.4	-16.4
Ceramics				57.0	17.9	54.4	0.7	48.4	-19.5
Steel				178.9	31.0	160.0	8.6	136.6	-33.8
Non-Ferrous Metal				80.9	14.1	76.1	8.5	70.9	-18.8
Machinery				384.7	13.6	351.3	6.3	338.6	-20.2
Large Industry Total				1,438.2	11.9	1,322.9	4.1	1,285.8	-16.8

Remarks: The latest revision of Japan Standard Industry Classification applied on April 1, 2008 was reflected to the definition of each industry sector for the figures in and after April 2009.
The year-on-year basis in and after April 2009 are calculated after the adjustment of the results of the year-ago period according to the latest Japan Standard Industry Classification

Lighting & Power Demand Volume and Change by Company and Use (1st Half of FY2010)

FEPC

Electricity Demand in the First Half of Fiscal 2010 (Confirmed Report)

By Company		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
By Use													
Sales Volume (MWh)	Lighting	5,533,173	12,168,392	50,372,502	17,920,541	3,928,448	25,516,414	9,370,465	4,863,579	14,928,682	144,602,196	1,550,428	146,152,624
	<Residential Lighting>	3,608,619	8,176,671	36,055,736	11,601,074	1,985,450	17,337,484	5,687,763	3,211,568	9,432,232	97,096,597	1,372,109	98,468,706
	Power	928,383	2,118,839	6,636,704	3,482,280	733,267	3,555,039	1,402,019	1,001,197	3,065,740	22,923,468	1,834,189	24,757,657
	<Low Voltage>	664,047	1,671,944	5,632,584	2,706,739	598,166	3,142,598	1,118,885	728,049	2,646,203	18,909,215	279,990	19,189,205
	Lighting & Power Total	6,461,556	14,287,231	57,009,206	21,402,821	4,661,715	29,071,453	10,772,484	5,864,776	17,994,422	167,525,664	3,384,617	170,910,281
	Eligible Customers' Use	8,894,012	26,808,410	93,650,288	44,687,958	9,781,527	47,757,924	20,377,025	8,821,174	25,939,960	286,718,278	622,836	287,341,114
	<Commercial Power>	4,404,020	8,648,085	41,148,027	12,386,997	2,771,681	18,174,400	6,046,900	3,487,218	10,570,226	107,637,554	321,818	107,959,372
	<Industrial Power>	4,489,992	18,160,325	52,502,261	32,300,961	7,009,846	29,583,524	14,330,125	5,333,956	15,369,734	179,080,724	301,018	179,381,742
Total Electricity Sales		15,355,568	41,095,641	150,659,495	66,090,779	14,443,242	76,829,377	31,149,509	14,685,950	43,934,382	454,243,943	4,007,453	458,251,396
Yea-on-year Basis (%)	Lighting	103.8	109.5	112.6	109.2	112.3	110.2	110.0	109.5	107.7	110.3	100.8	110.2
	Power	111.2	110.4	112.5	107.1	112.2	108.8	107.8	104.3	103.8	109.0	100.3	108.3
	<Low Voltage>	105.9	113.8	115.3	110.8	115.8	110.5	111.0	107.0	104.6	111.2	96.9	111.0
	Lighting & Power Total	104.8	109.7	112.6	108.9	112.3	110.0	109.7	108.6	107.0	110.1	100.5	109.9
	Eligible Customers' Use	104.9	109.6	106.8	110.3	112.3	108.6	112.5	107.2	104.1	108.2	98.3	108.2
	<Commercial Power>	103.5	105.9	103.8	103.5	106.2	102.4	105.4	104.4	101.1	103.6	102.0	103.6
	<Industrial Power>	106.2	111.4	109.3	113.2	114.9	112.9	115.8	109.1	106.3	111.1	94.7	111.1
	Total Electricity Sales	104.8	109.6	108.9	109.9	112.3	109.1	111.5	107.7	105.3	108.9	100.2	108.8

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
By Use													
Contracted Electricity & Number of Contracts	Residential Lighting (Number of Contracts)	15,211,093	28,539,240	120,208,440	38,851,505	6,382,112	54,814,732	19,616,454	10,837,080	33,275,649	327,736,305	3,965,849	331,702,154
	Power Total (kW)	11,759,890	30,512,738	91,485,151	50,021,638	10,334,710	48,205,067	19,679,213	14,466,125	39,290,182	315,754,714	8,375,861	324,130,575
	<Low Voltage (kW)>	8,681,666	25,069,071	79,012,975	37,758,915	8,545,899	41,973,431	15,669,656	10,404,871	31,581,610	258,698,094	2,599,089	261,297,183
	Lighting & Power Total (Number of Contracts)	22,965,676	45,884,139	172,381,074	62,733,082	12,493,960	81,199,253	31,274,316	17,091,583	50,903,765	496,926,848	5,015,540	501,942,388

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

Demand Volume and Change by Large Industry Sector (1st Half of FY2010)

FEPC

Electricity Demand in the First Half of Fiscal 2010 (Confirmed Report)

By Company			Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
By Sector														
Sales Volume (MWh)	Mining & Manufacturing	Mining	43,344	53,498	81,752	21,707	0	44,961	74,947	24,508	79,587	424,304	2,586	426,890
		Foodstuffs	580,706	856,361	3,131,296	1,417,457	118,308	1,355,292	553,531	262,421	1,214,752	9,490,124	53,915	9,544,039
		Textiles	0	35,031	185,375	543,007	547,672	352,561	234,040	195,647	146,276	2,239,609	0	2,239,609
		Paper & Pulp	465,402	508,421	1,334,146	818,269	212,696	438,337	256,967	763,597	239,274	5,037,109	2,903	5,040,012
		Chemical	141,460	1,071,055	4,903,355	1,382,971	651,735	2,444,478	1,618,228	620,307	1,267,712	14,101,301	7,734	14,109,035
		Oil/Coal	20,934	16,913	273,218	57,592	2,852	190,820	226,674	207,869	45,720	1,042,592	19,970	1,062,562
		Rubber Products	43	163,315	374,191	377,540	9,510	185,154	156,978	30,411	284,658	1,581,800	0	1,581,800
		Ceramics	70,984	364,420	1,261,147	1,226,121	197,455	1,648,003	445,634	7,867	453,161	5,674,792	26,067	5,700,859
		Steel	446,994	1,492,983	3,697,433	3,063,575	383,404	4,177,261	3,083,971	433,474	1,055,124	17,834,219	58,802	17,893,021
		Non-Ferrous Metals	86,355	1,967,850	2,177,142	754,176	428,214	909,989	794,735		971,829	8,090,290	2,847	8,093,137
		Machinery	331,313	4,224,160	9,481,327	10,426,251	1,816,356	5,083,826	2,571,075	948,264	3,583,288	38,465,860	0	38,465,860
		Others	212,534	1,210,155	5,378,066	2,810,659	797,732	2,615,726	657,704	333,091	927,411	14,943,078	12,554	14,955,632
		Manufacturing Total	2,356,725	11,910,664	32,196,695	22,877,618	5,165,934	19,401,447	10,599,537	3,802,948	10,189,205	118,500,773	184,792	118,685,565
	Mining & Manufacturing Total		2,400,069	11,964,162	32,278,447	22,899,325	5,165,934	19,446,408	10,674,484	3,827,456	10,268,792	118,925,077	187,378	119,112,455
	Others	Railways	163,068	658,300	3,347,372	1,339,788	119,390	2,418,008	612,158	50,621	534,937	9,243,642	4,567	9,248,209
		Other than Railways	323,685	1,162,628	7,165,872	1,684,045	340,053	2,293,141	752,546	260,215	1,229,774	15,211,959	245,971	15,457,930
		Others Total	486,753	1,820,928	10,513,245	3,023,833	459,443	4,711,149	1,364,704	310,836	1,764,711	24,455,602	250,538	24,706,140
	Total		2,886,822	13,785,090	42,791,691	25,923,158	5,625,377	24,157,557	12,039,188	4,138,292	12,033,503	143,380,678	437,916	143,818,594

Remarks: Figures may not add up due to rounding.

The year-on-year basis in and after April 2009 are calculated after the adjustment of the results of the year-ago period according to the latest Japan Standard Industry Classification.

Demand Volume and Change by Large Industry Sector (1st Half of FY2010)

FEPC

Electricity Demand in the First Half of Fiscal 2010 (Confirmed Report)

By Company			Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total	
By Sector															
Year-on-year Basis (%)	Mining & Manufacturing	Mining		100.1	110.3	105.5	91.9	0.0	109.9	110.1	115.4	103.9	106.1	94.3	106.1
		Manufacturing	Foodstuffs	104.5	104.5	104.7	103.6	100.9	103.1	106.3	102.1	103.3	104.1	103.7	104.1
			Textiles	0.0	77.2	121.2	118.4	113.2	116.2	122.0	124.3	92.3	114.8	0.0	114.8
			Paper & Pulp	99.9	107.2	106.1	109.1	129.8	108.0	100.9	104.3	102.1	106.3	95.1	106.3
			Chemical	90.8	111.8	112.1	104.2	115.4	111.1	120.1	110.2	111.3	111.7	98.9	111.7
			Oil/Coal	237.6	165.5	118.5	204.8	56.2	116.8	141.0	111.0	101.5	124.2	92.8	123.4
			Rubber Products	11.6	118.6	108.0	114.7	110.2	115.7	119.8	114.1	133.8	116.9	0.0	116.9
			Ceramics	135.9	113.3	104.4	118.9	128.1	126.3	145.1	91.8	107.2	118.0	102.2	117.9
			Steel	131.0	129.4	124.6	139.4	145.7	135.3	138.0	119.9	106.4	131.1	99.1	131.0
			Non-Ferrous Metals	121.7	123.9	110.8	123.6	103.1	107.2	103.8		117.4	114.1	92.5	114.1
			Machinery	110.3	108.6	114.9	114.8	116.8	118.2	112.0	113.6	106.7	113.6	0.0	113.6
			Others	106.1	109.8	107.5	109.6	109.9	111.4	111.3	118.2	109.1	109.3	110.7	109.3
			Manufacturing Total	109.5	113.4	112.0	115.9	115.9	118.0	120.5	111.5	108.2	114.3	100.6	114.3
		Mining & Manufacturing Total		109.3	113.4	112.0	115.8	115.9	118.0	120.4	111.5	108.2	114.3	100.5	114.3
	Others	Railways		101.8	101.6	105.7	98.7	95.1	100.4	98.1	100.7	100.4	101.9	101.0	101.9
		Other than Railways		100.1	104.7	101.1	101.9	108.3	100.3	101.6	101.6	101.2	101.5	93.9	101.4
		Others Total		100.7	103.6	102.5	100.4	104.5	100.4	100.0	101.5	101.0	101.6	94.0	101.6
	Total			107.8	112.0	109.5	113.8	114.9	114.1	117.7	110.7	107.1	111.9	96.7	111.9

Remarks: Figures may not add up due to rounding.

The year-on-year basis in and after April 2009 are calculated after the adjustment of the results of the year-ago period according to the latest Japan Standard Industry Classification.