

## Electricity Demand in May 2009 (Confirmed Report)

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

Electricity demand in May 2009, measured in terms of the total electricity sales of the 10 power companies, was down 8.6% from the last year to 64.5 billion kWh.

- **Lighting Demand (down 1.6% on the year, 21.50 billion kWh in total)**
- **Commercial Demand (down 0.4% on the year, 15.01 billion kWh in total)**

Outside the liberalized segment, lighting demand declined by 1.6% due principally to a shorter meter-reading period than the last year.

Commercial demand in the liberalized segment decreased by 0.4%.

#### (Reference)

- **Large Industrial Demand (down 19.4% on the year, 19.98 billion kWh in total)**

Large industrial demand was down year on year for eight consecutive months, decreasing by 19.4%. This was due mainly to year-on-year decline in all major sectors including steel.

### Demand Change by Use

By Month By Use		Year-on-year Change (%)													
		FY2008	May 2008	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2009	Feb.	Mar.	Apr.	May
Other than Eligible Customers' Use	Lighting Total	-1.5	-0.3	-0.3	3.5	8.6	-12.3	-0.9	1.1	-3.0	-0.4	-5.4	-4.4	7.5	-1.6
	Power	-6.0	-4.4	-6.8	-1.0	6.8	-16.1	-8.8	-2.2	-7.2	-3.1	-10.8	-10.1	5.4	-4.4
	Lighting & Power Total	-2.2	-0.9	-1.3	2.7	8.3	-12.9	-2.2	0.6	-3.6	-0.7	-6.2	-5.2	7.2	-2.0
Eligible Customers' Use	Commercial Power	-0.6	0.2	-1.1	2.3	3.4	-5.0	-3.3	0.2	0.9	0.9	-3.4	-2.0	1.3	-0.4
	Industrial Power	-5.8	2.7	1.1	5.0	0.1	-0.7	-1.4	-5.1	-11.6	-16.7	-23.7	-22.9	-18.9	-18.2
	Eligible Customers' Use Total	-4.0	1.9	0.4	4.0	1.4	-2.3	-2.1	-3.4	-7.3	-10.4	-16.3	-15.7	-12.1	-12.3
Total Electricity Sales		-3.3	0.9	-0.2	3.6	3.9	-6.2	-2.1	-2.0	-5.9	-6.1	-12.1	-11.6	-5.1	-8.6

### 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	-4.8	-5.4	1.5	1.7	1.3	-0.8	-0.6	1.6	-1.7	0.4	-1.6
	Power	4.0	-7.8	-8.1	-3.2	-7.1	-3.7	-4.5	-2.7	0.8	-4.6	-2.6	-4.4
	Lighting & Power Total	2.2	-5.2	-5.7	0.7	0.3	0.8	-1.3	-0.9	1.5	-2.0	-1.2	-2.0
Eligible Customers' Use	Commercial Power	-0.1	-1.0	0.1	-1.6	-1.7	-1.1	2.2	-0.7	-0.3	-0.4	1.5	-0.4
	Industrial Power	-11.2	-16.3	-15.8	-23.1	-20.1	-17.5	-24.6	-17.4	-15.5	-18.3	4.4	-18.2
	Sub-total	-6.0	-12.0	-9.5	-18.0	-15.6	-11.9	-18.1	-11.7	-10.1	-12.3	3.1	-12.3
Total Electricity Sales		-2.3	-9.6	-8.1	-12.2	-10.6	-7.3	-12.7	-7.7	-5.7	-8.7	-0.5	-8.6
(Large Industry)		-15.4	-18.0	-16.5	-24.0	-20.4	-18.0	-26.6	-19.4	-17.5	-19.4	1.9	-19.4

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

By Sector \ By Month		Year-on-year Change (%)													
		FY2008	May 2008	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2009	Feb.	Mar.	Apr.	May
Textiles		-12.3	-5.3	-7.7	-3.4	-9.4	-8.1	-8.8	-11.7	-14.3	-18.2	-28.7	-29.5	-29.3	-30.0
Paper & Pulp		-3.6	9.7	4.1	7.8	5.9	2.9	5.5	-0.6	-9.7	-20.9	-27.3	-29.3	-18.3	-16.3
Chemicals		-6.2	3.8	5.4	6.7	4.5	4.4	0.2	-3.5	-14.7	-23.6	-30.1	-30.3	-19.7	-17.2
Ceramics		-5.4	1.7	0.8	2.1	1.0	1.6	4.4	-0.4	-8.1	-15.0	-25.9	-24.8	-23.3	-20.7
Steel		-10.8	8.7	8.0	5.3	3.0	5.0	-1.7	-7.1	-24.8	-37.5	-43.4	-44.8	-41.5	-39.8
Non-Ferrous Metal		-6.4	7.5	6.9	10.7	5.1	4.1	1.5	-4.2	-18.2	-24.0	-35.0	-33.2	-22.5	-18.5
Machinery		-8.4	3.9	1.1	8.0	-2.9	-1.0	-2.3	-9.3	-18.1	-23.8	-32.5	-29.2	-25.8	-24.0
Large Industry Total		-5.9	3.8	2.2	6.5	-0.0	0.6	-0.5	-5.2	-13.0	-18.7	-26.4	-24.4	-20.5	-19.4

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 (May 2009)

FEPC

## 1) Sales Volume & Change

By Company		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
By Use													
Sales Volume (MWh)	Lighting	1,006,764	1,907,168	7,065,680	2,744,552	601,161	3,783,658	1,340,353	706,791	2,138,422	21,294,549	205,741	21,500,290
	<Residential Lighting>	655,710	1,279,793	4,950,358	1,738,816	300,894	2,496,932	789,282	460,471	1,314,663	13,986,919	180,576	14,167,495
	Power	151,553	308,840	843,408	492,208	100,453	433,266	176,459	139,292	382,812	3,028,291	237,241	3,265,532
	<Low Voltage>	107,912	218,835	636,457	323,312	69,728	346,101	120,258	83,441	310,978	2,217,022	30,996	2,248,018
	Lighting & Power Total	1,158,317	2,216,008	7,909,088	3,236,760	701,614	4,216,924	1,516,812	846,083	2,521,234	24,322,840	442,982	24,765,822
	Eligible Customers' Use	1,338,022	3,805,599	13,090,500	5,982,454	1,317,525	6,523,060	2,684,441	1,252,807	3,679,866	39,674,274	98,594	39,772,868
	<Commercial Power>	669,089	1,224,656	5,737,830	1,707,840	380,781	2,506,590	811,290	476,709	1,452,117	14,966,902	45,465	15,012,367
	<Industrial Power>	668,933	2,580,943	7,352,669	4,274,614	936,744	4,016,470	1,873,151	776,098	2,227,749	24,707,371	53,129	24,760,500
Total Electricity Sales		2,496,339	6,021,607	20,999,588	9,219,214	2,019,139	10,739,984	4,201,253	2,098,890	6,201,100	63,997,114	541,576	64,538,690
Yea-on-year Basis (%)	Lighting	102.0	95.2	94.6	101.5	101.7	101.3	99.2	99.4	101.6	98.3	100.4	98.4
	Power	104.0	92.2	91.9	96.8	92.9	96.3	95.5	97.3	100.8	95.4	97.4	95.6
	<Low Voltage>	99.0	92.3	91.2	95.8	92.6	96.2	96.8	98.9	101.6	95.1	93.7	95.1
	Lighting & Power Total	102.2	94.8	94.3	100.7	100.3	100.8	98.7	99.1	101.5	98.0	98.8	98.0
	Eligible Customers' Use	94.0	88.0	90.5	82.0	84.4	88.1	81.9	88.3	89.9	87.7	103.1	87.7
	<Commercial Power>	99.9	99.0	100.1	98.4	98.3	98.9	102.2	99.3	99.7	99.6	101.5	99.6
	<Industrial Power>	88.8	83.7	84.2	76.9	79.9	82.5	75.4	82.6	84.5	81.7	104.4	81.8
	Total Electricity Sales	97.7	90.4	91.9	87.8	89.4	92.7	87.3	92.3	94.3	91.3	99.5	91.4

## 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)	2,541,284	4,798,412	20,063,409	6,530,353	1,086,484	9,211,329	3,318,651	1,833,696	5,605,318	54,988,936	654,159	55,643,095
	Power Total (kW)	2,098,026	5,242,351	15,679,533	8,648,719	1,769,521	8,244,862	3,368,441	2,468,422	6,564,035	54,083,910	1,388,714	55,472,624
	<Low Voltage (kW)>	1,480,210	4,271,337	13,491,164	6,503,340	1,455,545	7,172,927	2,681,735	1,769,334	5,344,291	44,169,883	436,379	44,606,262
	Lighting & Power Total (Number of Contracts)	3,831,633	7,637,051	28,599,401	10,449,801	2,077,059	13,489,999	5,203,745	2,842,405	8,422,671	82,553,765	824,492	83,378,257

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

## Demand Volume and Change by Large Industry Sector (May 2009)

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	6,483	7,625	12,352	3,455	0	6,401	10,269	3,319	12,157	62,061	476	62,537
		Foodstuffs	85,830	126,313	460,618	210,778	18,220	201,025	80,752	38,766	181,132	1,403,434	7,241	1,410,675
		Textiles	0	7,149	23,743	70,888	74,537	44,386	30,105	25,947	18,519	295,274	0	295,274
		Paper & Pulp	94,733	78,384	217,303	128,140	30,895	63,480	42,833	124,575	49,965	830,308	535	830,843
		Chemical	25,952	150,447	700,746	203,856	88,119	355,727	213,203	83,475	182,620	2,004,145	1,024	2,005,169
		Oil/Coal	1,144	1,410	34,636	2,761	811	23,512	31,374	37,888	4,842	138,378	2,677	141,055
		Rubber Products	59	20,275	51,541	48,448	1,216	22,390	20,333	3,590	29,237	197,089	0	197,089
		Ceramics	7,404	54,098	189,847	160,319	29,211	214,892	48,044	1,282	78,724	783,821	5,286	789,107
		Steel	52,045	199,456	472,152	358,314	41,607	525,208	318,390	67,286	162,472	2,196,930	11,303	2,208,233
		Non-Ferrous Metals	11,302	292,095	309,243	91,066	66,151	132,769	124,065		130,791	1,157,482	488	1,157,970
		Machinery	46,012	583,315	1,191,495	1,325,736	231,698	626,976	334,364	127,792	499,753	4,967,141	0	4,967,141
		Others	31,071	162,282	752,157	379,567	107,205	345,453	86,160	41,479	125,257	2,030,631	1,765	2,032,396
		Manufacturing Total	355,552	1,675,224	4,403,482	2,979,873	689,670	2,555,818	1,329,623	552,080	1,463,312	16,004,634	30,319	16,034,953
		Mining & Manufacturing Total	362,035	1,682,849	4,415,834	2,983,328	689,670	2,562,219	1,339,892	555,399	1,475,469	16,066,695	30,795	16,097,490
	Others	Railways	25,327	106,104	496,504	223,332	20,279	378,681	103,395	7,915	84,636	1,446,173	662	1,446,835
		Other than Railways	51,404	179,723	1,138,865	262,565	48,811	365,001	115,975	40,750	191,007	2,394,101	41,473	2,435,574
		Others Total	76,731	285,827	1,635,370	485,897	69,090	743,682	219,370	48,665	275,643	3,840,275	42,135	3,882,410
	Total		438,766	1,968,676	6,051,203	3,469,225	758,760	3,305,901	1,559,262	604,064	1,751,112	19,906,969	72,930	19,979,899

Remarks: 1. Figures may not add up due to rounding.

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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 (May 2009)

FEPC

Sales Volume and Change

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		139.6	78.4	94.9	73.2	0.0	84.3	82.3	69.9	86.2	87.3	97.7	87.4
		Manufacturing	Foodstuffs	99.9	100.6	100.7	97.2	96.1	97.5	100.1	97.1	100.4	99.4	100.8	99.4
			Textiles	0.0	68.7	73.2	68.9	73.0	74.4	72.7	62.8	58.3	70.0	0.0	70.0
			Paper & Pulp	89.7	69.9	86.9	93.4	91.2	90.0	75.2	72.9	92.0	83.7	88.9	83.7
			Chemical	94.6	82.3	82.3	77.8	87.2	87.3	82.7	67.7	87.7	82.8	91.6	82.8
			Oil/Coal	36.6	20.6	76.4	59.0	30.4	86.1	94.5	96.3	122.1	83.1	71.8	82.9
			Rubber Products	78.7	72.6	75.0	76.3	70.5	78.2	73.6	75.2	66.3	73.8	0.0	73.8
			Ceramics	126.4	81.9	85.5	71.8	80.8	91.2	50.9	78.9	75.7	79.3	92.7	79.3
			Steel	59.8	70.8	63.4	58.8	63.1	57.7	52.7	78.8	61.2	60.1	94.6	60.2
			Non-Ferrous Metals	68.4	87.3	78.4	72.0	88.8	74.6	86.7		85.8	81.5	101.7	81.5
			Machinery	70.0	77.8	74.4	72.0	73.5	84.7	75.1	90.0	78.7	76.0	0.0	76.0
			Others	87.0	78.9	87.4	79.7	82.5	86.5	83.4	89.4	82.6	84.3	103.4	84.3
			Manufacturing Total	82.1	79.6	79.6	73.3	78.2	78.3	70.4	79.4	79.9	77.3	93.4	77.4
		Mining & Manufacturing Total		82.7	79.6	79.7	73.3	78.2	78.3	70.5	79.4	80.0	77.4	93.4	77.4
	Others	Railways		97.4	99.7	89.4	99.6	97.6	99.0	98.6	97.4	99.1	95.5	98.7	95.5
		Other than Railways		93.7	98.4	99.4	97.2	97.8	96.7	97.9	97.9	99.5	98.4	109.3	98.6
		Others Total		94.9	98.9	96.1	98.2	97.7	97.8	98.2	97.9	99.4	97.3	109.1	97.4
	Total			84.6	82.0	83.5	76.0	79.6	82.0	73.4	80.6	82.5	80.6	101.9	80.6

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