

## Electricity Demand in the Second Half of Fiscal 2009 (Confirmed Report)

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

Electricity demand in the second half of fiscal 2009, measured in terms of the total electricity sales of the 10 power utilities, was up for the first time in three half terms, increasing by 1.1% from the last year to 437.4 billion kWh.

- **Lighting Demand (up 1.0% on the year, 152.37 billion kWh in total)**
- **Commercial Demand (down 1.1% on the year, 97.47 billion kWh in total)**

Outside the liberalized segment, lighting demand rose by 1.0% due principally to increased demand for heating caused by generally lower temperatures from December to March compared with the last year.

Commercial demand in the liberalized segment declined by 1.1%.

### (Reference)

- **Large Industrial Demand (up 4.1% on the year, 132.29 billion kWh in total)**

Large industrial demand was up for the first time in three half terms, increasing 4.1%. This was due mainly to the year-on-year increase in all major sectors except for textiles and paper & pulp.

### 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	2.4	2.3	1.7	-0.3	3.1	-0.1	0.4	0.3	0.3	1.0	0.1	1.0
	Power	6.6	3.2	-2.0	-3.9	1.2	-3.5	-3.8	-0.2	-2.9	-1.6	-1.5	-1.6
	Lighting & Power Total	3.1	2.4	1.3	-0.8	2.8	-0.4	-0.1	-0.2	-0.2	0.7	-0.7	0.6
Eligible Customers' Use	Commercial Power	-0.2	-0.3	-1.0	-0.8	1.3	-0.8	-5.7	0.5	-2.0	-1.1	1.1	-1.1
	Industrial Power	-1.6	4.0	1.0	3.8	5.5	4.1	6.4	-1.6	1.9	2.8	2.2	2.8
	Sub-total	-0.9	2.6	0.1	2.5	4.3	2.2	2.6	-0.8	0.3	1.3	1.7	1.3
Total Electricity Sales		1.0	2.5	0.6	1.3	3.8	1.1	1.5	-0.5	0.1	1.1	-0.4	1.1
(Large Industry)		0.5	5.5	1.7	5.2	6.4	5.9	8.4	-1.4	2.6	4.1	1.9	4.1

### Demand Change by Use

(Units: 100 GWh, %)

By Use		By Period		This Period		Prev. 3 Periods					
		2nd Half of FY2009		1st Half of FY2009		2nd Half of FY2008		1st Half of FY2008			
Other than Eligible Customers' Use	Lighting Total	1,523.7	1.0	1,326.0	-1.3	1,508.9	-2.3	1,344.0	-0.6		
	Power	223.1	-1.6	228.7	-5.1	226.6	-7.2	240.9	-4.9		
	Lighting & Power Total	1,746.7	0.6	1,554.6	-1.9	1,735.5	-3.0	1,584.9	-1.3		
Eligible Customers' Use	Commercial Power	974.7	-1.1	1,042.2	-1.6	985.9	-1.2	1,059.7	-0.1		
	Industrial Power	1,652.2	2.8	1,614.6	-15.8	1,606.8	-13.5	1,916.7	1.7		
	Eligible Customers' Use Total	2,627.0	1.3	2,656.8	-10.7	2,592.6	-9.2	2,976.3	1.0		
Total Electricity Sales		4,373.7	1.1	4,211.5	-7.7	4,328.1	-6.8	4,561.2	0.2		

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

(Units: 100 GWh, %)

By Sector		By Period		This Period		Prev. 3 Periods					
		2nd Half of FY2009		1st Half of FY2009		2nd Half of FY2008		1st Half of FY2008			
Textiles		20.3	-2.8	19.5	-24.4	12.6	-18.4	15.2	-6.4		
Paper & Pulp		46.6	-1.1	47.4	-17.2	47.9	-13.6	58.1	6.5		
Chemicals		134.4	8.4	0.0	-16.4	132.1	-16.9	161.5	4.9		
Ceramics		54.4	0.7	48.4	-19.5	54.1	-11.6	60.2	1.0		
Steel		160.0	8.6	136.6	-33.8	147.3	-26.5	206.3	5.3		
Non-Ferrous Metal		76.1	8.5	70.9	-18.8	70.2	-19.0	87.3	7.0		
Machinery		351.3	6.3	338.6	-20.2	331.5	-19.1	425.5	2.2		
Large Industry Total		1,322.9	4.1	1,285.8	-16.8	1,271.2	-14.6	1,544.5	2.7		

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 (2nd Half of FY2009)

FEPC

## Electricity Demand in the First Half of Fiscal 2009 (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	6,545,424	13,927,178	51,362,451	18,621,798	4,495,647	25,679,794	10,028,515	5,021,309	15,309,204	150,991,320	1,376,863	152,368,183
	<Residential Lighting>	4,077,779	8,973,832	36,213,674	11,777,933	2,138,514	16,911,921	5,842,758	3,214,997	9,331,455	98,482,863	1,188,996	99,671,859
	Power	1,532,968	2,146,469	5,494,104	3,166,421	714,234	2,905,608	1,281,643	909,478	2,590,103	20,741,028	1,564,055	22,305,083
	<Low Voltage>	605,183	1,549,880	4,583,192	2,265,261	523,135	2,441,228	930,353	585,753	2,160,858	15,644,843	192,930	15,837,773
	Lighting & Power Total	8,078,392	16,073,647	56,856,555	21,788,219	5,209,881	28,585,402	11,310,158	5,930,787	17,899,307	171,732,348	2,940,918	174,673,266
	Eligible Customers' Use	8,725,497	25,429,412	85,016,484	40,898,789	9,099,514	42,629,440	18,674,378	7,934,228	23,753,099	262,160,841	536,344	262,697,185
	<Commercial Power>	4,380,199	8,315,212	36,915,808	11,114,010	2,576,234	16,036,550	5,402,390	3,012,282	9,482,977	97,235,662	237,092	97,472,754
	<Industrial Power>	4,345,298	17,114,200	48,100,675	29,784,779	6,523,280	26,592,890	13,271,988	4,921,946	14,270,122	164,925,178	299,252	165,224,430
	Total Electricity Sales	16,803,889	41,503,059	141,873,038	62,687,008	14,309,395	71,214,842	29,984,536	13,865,015	41,652,406	433,893,188	3,477,262	437,370,450
Yea-on-year Basis (%)	Lighting	102.4	102.3	101.7	99.7	103.1	99.9	100.4	100.3	100.3	101.0	100.1	101.0
	Power	106.6	103.2	98.0	96.1	101.2	96.5	96.2	96.9	97.1	98.4	98.5	98.4
	<Low Voltage>	98.7	100.8	98.3	96.7	100.1	96.8	96.7	98.1	97.3	97.9	94.0	97.9
	Lighting & Power Total	103.1	102.4	101.3	99.2	102.8	99.6	99.9	99.8	99.8	100.7	99.3	100.6
	Eligible Customers' Use	99.1	102.6	100.1	102.5	104.3	102.2	102.6	99.2	100.3	101.3	101.7	101.3
	<Commercial Power>	99.8	99.7	99.0	99.2	101.3	99.2	94.3	100.5	98.0	98.9	101.1	98.9
	<Industrial Power>	98.4	104.0	101.0	103.8	105.5	104.1	106.4	98.4	101.9	102.8	102.2	102.8
	Total Electricity Sales	101.0	102.5	100.6	101.3	103.8	101.1	101.5	99.5	100.1	101.1	99.6	101.1

## 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)	15,208,779	28,699,697	120,088,981	38,976,896	6,433,762	54,905,938	19,728,920	10,902,513	33,407,122	328,352,608	3,946,360	332,298,968
	Power Total (kW)	14,734,301	31,477,593	90,565,488	50,372,382	10,926,027	48,252,264	19,758,906	14,339,952	38,875,601	319,302,514	8,376,098	327,678,612
	<Low Voltage (kW)>	8,765,027	25,326,663	79,835,519	38,263,758	8,620,772	42,425,068	15,859,814	10,503,815	31,770,748	261,371,184	2,601,156	263,972,340
	Lighting & Power Total (Number of Contracts)	23,367,901	45,968,262	171,533,714	62,670,999	12,506,131	80,903,815	31,206,214	17,000,086	50,674,454	495,831,576	4,984,869	500,816,445

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 FY2009)

FEPC

Electricity Demand in the First Half of Fiscal 2009 (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	37,042	55,278	85,504	26,044	0	47,855	77,316	24,860	86,592	440,491	2,736	443,227
		Foodstuffs	523,976	748,561	2,596,959	1,178,536	97,750	1,118,024	467,442	218,855	1,031,059	7,981,162	47,987	8,029,149
		Textiles	0	46,097	164,146	504,277	498,567	313,835	179,041	157,746	170,402	2,034,111	0	2,034,111
		Paper & Pulp	354,394	520,679	1,240,411	771,547	162,839	386,097	257,351	748,241	215,321	4,656,880	2,873	4,659,753
		Chemical	153,069	1,071,713	4,643,903	1,339,169	627,752	2,225,924	1,553,115	587,270	1,232,541	13,434,456	6,845	13,441,301
		Oil/Coal	0	9,142	232,817	48,190	3,387	138,599	200,078	195,807	59,418	887,438	22,722	910,160
		Rubber Products	275	154,373	349,125	337,359	9,600	157,131	144,952	27,996	247,140	1,427,951	0	1,427,951
		Ceramics	50,176	356,250	1,293,105	1,106,126	185,717	1,517,221	411,094	8,493	481,070	5,409,252	31,820	5,441,072
		Steel	372,740	1,309,776	3,432,424	2,695,957	341,544	3,632,697	2,701,588	451,963	1,000,758	15,939,447	61,676	16,001,123
		Non-Ferrous Metals	92,308	1,835,098	2,031,494	680,667	447,233	901,657	788,978		831,689	7,609,124	2,808	7,611,932
		Machinery	321,873	3,962,597	8,604,603	9,618,462	1,664,656	4,483,987	2,370,064	819,072	3,282,426	35,127,740	0	35,127,740
		Others	205,347	1,146,522	4,885,423	2,637,592	758,202	2,331,576	612,605	305,807	845,437	13,728,511	10,352	13,738,863
		Manufacturing Total	2,074,158	11,160,808	29,474,410	20,917,882	4,797,247	17,206,748	9,686,308	3,521,250	9,397,261	108,236,072	187,083	108,423,155
	Mining & Manufacturing Total		2,111,200	11,216,086	29,559,915	20,943,926	4,797,247	17,254,603	9,763,624	3,546,110	9,483,853	108,676,564	189,819	108,866,383
	Others	Railways	189,320	722,188	3,133,458	1,345,197	134,849	2,298,965	629,582	51,148	520,651	9,025,358	4,195	9,029,553
		Other than Railways	325,056	1,101,714	6,565,400	1,590,353	315,361	2,142,601	712,977	247,466	1,162,280	14,163,208	233,440	14,396,648
		Others Total	514,376	1,823,902	9,698,857	2,935,550	450,210	4,441,566	1,342,559	298,614	1,682,931	23,188,565	237,635	23,426,200
	Total		2,625,576	13,039,988	39,258,772	23,879,476	5,247,457	21,696,169	11,106,183	3,844,724	11,166,784	131,865,129	427,454	132,292,583

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 (2nd Half of FY2009)

FEPC

Electricity Demand in the First Half of Fiscal 2009 (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		103.0	96.2	96.8	92.4	0.0	93.8	101.0	104.0	99.3	98.2	93.7	98.2
		Manufacturing	Foodstuffs	101.3	100.7	100.5	98.3	93.5	98.5	105.1	94.5	100.1	99.9	103.2	99.9
			Textiles	0.0	87.9	107.8	103.5	95.0	93.1	96.5	80.6	107.3	97.2	0.0	97.2
			Paper & Pulp	81.4	103.5	101.5	111.3	93.0	101.7	98.4	92.2	94.5	98.9	95.3	98.9
			Chemical	96.5	110.8	106.8	107.3	114.4	110.4	110.3	102.3	109.7	108.4	94.9	108.4
			Oil/Coal	0.0	88.6	102.6	144.8	16.0	104.2	145.8	90.3	177.0	109.2	102.2	109.0
			Rubber Products	66.9	109.6	103.3	101.7	106.5	102.5	105.9	109.8	110.1	105.0	0.0	105.0
			Ceramics	206.5	93.3	94.9	86.3	108.2	122.6	123.0	91.4	84.8	100.7	93.9	100.7
			Steel	102.3	113.0	103.6	117.2	103.5	108.4	114.6	101.6	96.0	108.7	90.6	108.6
			Non-Ferrous Metals	153.9	111.9	106.1	115.0	110.5	98.2	104.3		114.3	108.5	88.4	108.5
			Machinery	111.5	105.3	104.2	106.2	113.4	110.5	107.2	104.4	103.8	106.3	0.0	106.3
			Others	99.5	101.7	100.4	106.4	103.9	105.4	104.3	109.7	102.4	103.1	102.0	103.1
			Manufacturing Total	100.9	106.4	103.1	106.2	106.9	108.0	109.8	98.6	103.0	105.3	96.3	105.3
		Mining & Manufacturing Total		100.9	106.4	103.1	106.1	106.9	108.0	109.7	98.6	103.0	105.3	96.3	105.3
	Others	Railways		100.4	100.8	93.7	98.2	99.1	99.6	99.0	97.9	99.5	97.3	98.7	97.3
		Other than Railways		98.0	99.7	99.9	99.9	102.8	97.9	100.6	98.5	101.6	99.7	107.1	99.8
		Others Total		98.9	100.1	97.8	99.1	101.7	98.8	99.8	98.4	101.0	98.8	107.0	98.8
	Total			100.5	105.5	101.7	105.2	106.4	105.9	108.4	98.6	102.6	104.1	101.9	104.1

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.