

## Electricity Demand in September 2008 (Confirmed Report)

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

Electricity demand in September, measured in terms of the total electricity sales of the 10 power companies, was down 6.2% on last year to 79.2 billion kWh.

- **Lighting Demand (down 12.3% on the year, 22.74 billion kWh in total)**
- **Commercial Demand (down 5.0% on the year, 19.45 billion kWh in total)**

Outside the liberalized segment, lighting demand dropped by 12.3% due principally to a combination of decreased demand for cooling caused by generally lower temperatures from mid August to September compared with last year, and a shorter meter-reading period than last year.

Commercial demand in the liberalized segment decreased by 5.0%.

#### (Reference)

- **Large Industrial Demand (up 0.6% on the year, 26.11 billion kWh in total)**

Large industrial user demand was up year on year after an interval of two months, increasing by 0.6%. This was due mainly to year-on-year growth in all major sectors, except textiles and machinery.

### Demand Change by Use

By Use		Year-on-year Change (%)													
		By Month													
		FY2007	Sep. 2007	Oct.	Nov.	Dec.	Jan. 2008	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.
Other than Eligible Customers' Use	Lighting Total	4.1	4.4	8.8	1.7	5.1	5.4	14.2	10.0	-1.9	-0.3	-0.3	3.5	8.6	-12.3
	Power	0.6	0.8	9.6	-3.2	1.7	0.6	10.7	7.6	-8.4	-4.4	-6.8	-1.0	6.8	-16.1
	Lighting & Power Total	3.6	3.7	8.9	1.0	4.6	4.7	13.7	9.6	-2.8	-0.9	-1.3	2.7	8.3	-12.9
Eligible Customers' Use	Commercial Power	3.3	4.9	6.8	1.4	1.5	1.5	6.4	6.6	-0.6	0.2	-1.1	2.3	3.4	-5.0
	Industrial Power	3.3	4.2	3.8	2.1	2.1	2.9	6.6	2.6	2.2	2.7	1.1	5.0	0.1	-0.7
	Eligible Customers' Use Total	3.3	4.5	4.8	1.9	1.9	2.4	6.5	4.0	1.2	1.9	0.4	4.0	1.4	-2.3
Total Electricity Sales		3.4	4.2	6.1	1.6	2.9	3.4	9.4	6.1	-0.3	0.9	-0.2	3.6	3.9	-6.2

### 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	-5.0	-5.7	-11.3	-17.1	-8.1	-15.2	-16.7	-12.4	-9.6	-12.3	-8.4	-12.3
	Power	-10.4	-10.5	-16.9	-21.7	-13.5	-19.5	-21.2	-14.1	-14.6	-17.2	-0.9	-16.1
	Lighting & Power Total	-5.8	-6.5	-12.0	-17.9	-9.1	-15.9	-17.5	-12.7	-10.6	-13.1	-4.4	-12.9
Eligible Customers' Use	Commercial Power	-5.0	-4.4	-4.0	-4.8	-5.5	-6.8	-4.5	-7.5	-5.4	-5.0	-1.5	-5.0
	Industrial Power	1.9	0.2	-1.1	-2.6	-0.5	0.1	0.7	0.4	0.0	-0.7	11.2	-0.7
	Sub-total	-1.4	-1.3	-2.4	-3.2	-1.9	-2.7	-0.9	-2.7	-2.3	-2.3	4.6	-2.3
Total Electricity Sales		-3.1	-2.9	-5.9	-8.1	-4.1	-7.9	-6.7	-6.9	-5.7	-6.3	-3.1	-6.2
(Large Industry)		3.4	1.9	-0.1	-1.9	1.0	2.0	1.9	2.0	1.4	0.6	7.0	0.6

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

By Sector		Year-on-year Change (%)													
		By Month													
		FY2007	Sep. 2007	Oct.	Nov.	Dec.	Jan. 2008	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.
Textiles		0.4	2.6	0.7	-2.8	-4.5	-3.7	1.1	-5.6	-4.4	-5.3	-7.7	-3.4	-9.4	-8.1
Paper & Pulp		4.5	4.9	0.1	4.5	8.0	9.5	10.3	7.9	8.6	9.7	4.1	7.8	5.9	2.9
Chemicals		6.9	7.1	5.3	6.7	8.2	6.7	12.5	7.8	4.5	3.8	5.4	6.7	4.5	4.4
Ceramics		2.3	4.3	0.6	1.2	-0.3	-0.3	3.5	-0.9	-1.2	1.7	0.8	2.1	1.0	1.6
Steel		1.9	1.1	1.1	-0.7	1.5	1.9	5.7	1.1	1.4	8.7	8.0	5.3	3.0	5.0
Non-Ferrous Metal		11.4	11.8	10.6	9.4	12.0	12.7	18.9	10.0	7.6	7.5	6.9	10.7	5.1	4.1
Machinery		5.1	7.6	5.8	3.5	2.7	4.8	8.6	1.9	4.5	3.9	1.1	8.0	-2.9	-1.0
Large Industry Total		4.2	5.8	4.0	2.8	2.8	3.8	8.0	2.2	3.3	3.8	2.2	6.5	-0.0	0.6

# Lighting & Power Demand Volume and Change by Company and Use (September 2008)

FEPC

## 1) Sales Volume & Change

By Use \ By Company		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
Sales Volume (MWh)	Lighting	841,950	1,760,071	7,704,770	2,848,128	569,704	4,078,347	1,455,858	789,576	2,400,469	22,448,873	286,143	22,735,016
	<Residential Lighting>	575,138	1,231,790	5,589,676	1,906,611	322,241	2,923,492	962,257	569,169	1,639,067	15,719,441	260,164	15,979,605
	Power	128,644	331,908	1,131,365	623,287	129,744	684,791	262,456	189,011	581,698	4,062,904	355,704	4,418,608
	<Low Voltage>	116,719	281,724	1,013,368	526,202	111,895	627,690	221,253	150,333	523,551	3,572,735	61,391	3,634,126
	Lighting & Power Total	970,594	2,091,979	8,836,135	3,471,415	699,448	4,763,138	1,718,314	978,587	2,982,167	26,511,777	641,847	27,153,624
	Eligible Customers' Use	1,610,579	4,677,369	16,874,622	8,357,250	1,709,602	8,443,548	3,826,089	1,543,370	4,874,201	51,916,630	114,814	52,031,444
	<Commercial Power>	753,123	1,473,040	7,352,282	2,260,105	452,642	3,317,670	1,147,639	583,459	2,052,478	19,392,438	55,774	19,448,212
	<Industrial Power>	857,456	3,204,329	9,522,340	6,097,145	1,256,960	5,125,878	2,678,450	959,911	2,821,723	32,524,192	59,040	32,583,232
Total Electricity Sales	2,581,173	6,769,348	25,710,757	11,828,665	2,409,050	13,206,686	5,544,403	2,521,957	7,856,368	78,428,407	756,661	79,185,068	
Yea-on-year Basis (%)	Lighting	95.0	94.3	88.7	82.9	91.9	84.8	83.3	87.6	90.4	87.7	91.6	87.7
	Power	89.6	89.5	83.1	78.3	86.5	80.5	78.8	85.9	85.4	82.8	99.1	83.9
	<Low Voltage>	89.0	89.4	82.6	76.9	86.0	79.6	76.8	83.2	84.9	81.9	91.3	82.1
	Lighting & Power Total	94.2	93.5	88.0	82.1	90.9	84.1	82.5	87.3	89.4	86.9	95.6	87.1
	Eligible Customers' Use	98.6	98.7	97.6	96.8	98.1	97.3	99.1	97.3	97.7	97.7	104.6	97.7
	<Commercial Power>	95.0	95.6	96.0	95.2	94.5	93.2	95.5	92.5	94.6	95.0	98.5	95.0
	<Industrial Power>	101.9	100.2	98.9	97.4	99.5	100.1	100.7	100.4	100.0	99.3	111.2	99.3
Total Electricity Sales	96.9	97.1	94.1	91.9	95.9	92.1	93.3	93.1	94.3	93.7	96.9	93.8	

## 2) Contracted Electricity Volume (kW) & Number of Contracts

By Use \ 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)	2,551,492	4,828,559	20,046,046	6,581,456	1,103,803	9,239,240	3,357,547	1,853,556	5,654,363	55,216,062	650,931	55,866,993
	Power Total (kW)	1,747,398	5,213,253	15,799,104	8,793,236	1,798,297	8,399,839	3,492,616	2,523,705	6,809,068	54,576,516	1,405,987	55,982,503
	<Low Voltage (kW)>	1,505,866	4,343,127	13,754,363	6,640,083	1,483,708	7,285,086	2,735,310	1,799,423	5,415,325	44,962,291	446,942	45,409,233
	Lighting & Power Total (Number of Contracts)	3,783,772	7,624,727	28,486,327	10,464,702	2,082,730	13,452,845	5,220,928	2,846,926	8,442,209	82,405,166	819,542	83,224,708

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

## Demand Volume and Change by Large Industry Sector (September 2008)

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	5,115	9,294	13,608	4,785	0	8,261	12,901	4,403	14,197	72,564	432	72,996	
		Manufacturing	Foodstuffs	103,102	143,302	520,833	238,637	21,518	226,418	88,686	46,072	202,607	1,591,175	9,419	1,600,594
			Textiles	0	10,498	8,839	67,346	75,526	44,736	22,740	11,768	16,477	257,930	0	257,930
			Paper & Pulp	114,728	116,401	226,975	138,482	28,853	75,383	57,515	148,146	39,457	945,940	540	946,480
			Chemical	26,056	197,139	906,813	297,573	138,593	438,249	328,438	144,464	245,843	2,723,168	1,318	2,724,486
			Oil/Coal	0	4,349	44,102	3,804	4,820	21,195	31,566	35,644	6,510	151,990	3,814	155,804
			Rubber Products	76	29,629	75,163	75,117	1,995	34,389	30,672	5,790	48,239	301,070	0	301,070
			Ceramics	4,626	65,212	247,023	246,059	34,137	240,105	74,827	1,346	91,072	1,004,407	5,233	1,009,640
			Steel	105,017	222,507	689,341	578,122	70,688	748,118	611,335	85,162	226,013	3,336,303	12,765	3,349,068
			Non-Ferrous Metals	17,688	338,958	404,458	144,129	74,820	195,578	149,185		158,364	1,483,180	504	1,483,684
			Machinery	64,284	817,778	1,853,200	2,079,607	339,606	833,977	508,417	162,696	702,443	7,362,008	0	7,362,008
		Others	36,157	215,814	983,197	514,779	143,525	450,603	108,562	52,094	167,553	2,672,284	2,163	2,674,447	
	Manufacturing Total	471,734	2,161,587	5,959,945	4,383,655	934,081	3,308,751	2,011,943	693,182	1,904,578	21,829,456	35,756	21,865,212		
	Mining & Manufacturing Total	476,849	2,170,881	5,973,554	4,388,440	934,081	3,317,012	2,024,844	697,585	1,918,775	21,902,021	36,188	21,938,209		
	Others	Railways	27,803	106,788	590,590	223,028	21,083	401,436	103,062	8,491	89,042	1,571,323	844	1,572,167	
Other than Railways		58,039	189,048	1,200,465	287,318	54,166	389,958	127,678	43,408	207,649	2,557,729	46,701	2,604,430		
Others Total		85,842	295,836	1,791,055	510,346	75,249	791,394	230,740	51,899	296,691	4,129,052	47,545	4,176,597		
Total		562,691	2,466,717	7,764,608	4,898,786	1,009,330	4,108,406	2,255,584	749,484	2,215,466	26,031,072	83,733	26,114,805		

Remarks: Figures may not add up due to rounding.

## Demand Volume and Change by Large Industry Sector (September 2008)

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		88.1	103.7	106.5	100.1	0.0	117.6	102.3	102.6	102.2	103.4	102.9	103.4
		Manufacturing	Foodstuffs	103.1	98.8	98.4	96.5	96.4	95.1	95.3	99.7	99.5	97.9	99.2	97.9
			Textiles	0.0	89.6	88.2	91.2	91.4	91.9	99.6	83.3	97.9	91.9	0.0	91.9
			Paper & Pulp	100.6	126.7	91.2	100.8	102.0	105.6	114.1	99.2	144.0	102.9	99.1	102.9
			Chemical	98.4	113.0	110.9	95.0	100.7	98.1	97.3	101.5	115.3	104.4	96.3	104.4
			Oil/Coal	0.0	69.0	137.6	73.1	93.4	103.7	134.2	98.5	125.5	113.4	99.7	113.0
			Rubber Products	104.1	104.4	96.5	99.9	92.8	98.5	99.9	106.4	98.7	99.2	0.0	99.2
			Ceramics	88.6	98.7	101.3	103.8	88.5	105.9	92.5	94.9	103.0	101.7	87.2	101.6
			Steel	113.8	85.2	106.6	99.0	111.6	114.6	110.0	117.8	90.5	105.0	110.7	105.0
			Non-Ferrous Metals	128.6	113.8	98.4	94.9	106.2	104.8	101.5		108.9	104.1	74.9	104.1
			Machinery	101.7	99.8	96.9	98.0	103.0	102.7	99.0	103.1	99.7	99.0	0.0	99.0
		Others	94.5	102.0	98.6	99.0	99.4	97.9	95.6	101.5	99.2	98.8	106.2	98.8	
	Manufacturing Total	104.0	102.3	100.5	98.1	101.0	103.4	102.2	102.5	101.7	101.1	100.8	101.1		
	Mining & Manufacturing Total		103.8	102.3	100.5	98.1	101.0	103.5	102.2	102.5	101.8	101.1	100.8	101.1	
Others	Railways		101.5	100.1	100.5	97.9	102.2	97.4	100.0	96.9	96.7	99.1	98.1	99.1	
	Other than Railways		100.9	99.3	96.5	98.2	99.3	95.1	99.2	96.7	100.1	97.3	112.5	97.5	
	Others Total		101.1	99.6	97.8	98.1	100.1	96.2	99.5	96.7	99.1	97.9	112.2	98.1	
Total		103.4	101.9	99.9	98.1	101.0	102.0	101.9	102.0	101.4	100.6	107.0	100.6		