

## Electricity Demand in the Second Half of Fiscal 2012 (Confirmed Report)

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

- Electricity demand in the second half of fiscal 2012, measured in terms of the total electricity sales of the ten power companies, was down for the first time in two half terms, decreasing by 1.9% from the last year to 429.3 billion kWh.

- Outside the liberalized segment, lighting demand declined by 0.4% due principally to efforts by customers for saving electricity.

Commercial demand in the liberalized segment showed little change from the previous year, increasing by only 0.1%.

Lighting Demand (down 0.4% on the year, 154.07 billion kWh in total)

Commercial Demand (up 0.1% on the year, 92.99 billion kWh in total)

(Reference)

Large industrial demand was down for the fourth consecutive half term, decreasing by 4.7%. This was due mainly to year-on-year decrease in all major sectors.

Large Industrial Demand (down 4.7% on the year, 128.15 billion kWh in total)

### Demand Change by Use

(Units: 100 GWh, %)

By Use		By Period		Prev. 3 Periods					
		This Period		1st Half of FY2012		2nd Half of FY2011		1st Half of FY2011	
		2nd Half of FY2012		1st Half of FY2012		2nd Half of FY2011		1st Half of FY2011	
Other than Eligible Customers' Use	Lighting Total	1,540.7	-0.4	1,321.5	-1.6	1,546.6	-2.2	1,342.9	-8.1
	Power	217.8	-2.8	219.1	-2.8	224.0	-1.3	225.3	-9.0
	Lighting & Power Total	1,758.5	-0.7	1,540.6	-1.8	1,770.6	-2.1	1,568.2	-8.2
Eligible Customers' Use	Commercial Power	929.9	0.1	976.9	2.6	929.3	-4.6	952.0	-11.8
	Industrial Power	1,604.1	-4.3	1,705.8	0.2	1,675.9	-1.4	1,702.2	-5.1
	Eligible Customers' Use Total	2,534.1	-2.7	2,682.7	1.1	2,605.2	-2.6	2,654.1	-7.6
Total Electricity Sales		4,292.6	-1.9	4,223.3	0.0	4,375.8	-2.4	4,222.3	-7.9

### 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	-2.9	1.2	-0.9	0.5	1.2	-0.2	-0.1	-0.6	-0.5	-0.3	-6.3	-0.4
	Power	2.3	-0.9	-3.8	-2.5	-4.1	-2.3	-4.9	-4.0	-3.8	-2.7	-4.1	-2.8
	Lighting & Power Total	-1.8	0.9	-1.2	0.1	0.5	-0.4	-0.6	-1.1	-1.0	-0.6	-5.1	-0.7
Eligible Customers' Use	Commercial Power	-2.6	4.6	-0.0	0.5	-0.2	0.2	-0.4	-2.7	-1.6	0.1	3.4	0.1
	Industrial Power	-9.6	-1.9	-3.6	-4.9	-5.7	-5.4	-4.3	-7.5	-2.2	-4.3	-3.1	-4.3
	Sub-total	-6.2	0.2	-2.1	-3.5	-4.1	-3.4	-3.2	-5.7	-2.0	-2.7	-0.0	-2.7
Total Electricity Sales		-4.0	0.5	-1.7	-2.3	-2.4	-2.2	-2.2	-3.8	-1.5	-1.9	-4.4	-1.9
(Large Industry)		-14.9	-2.7	-3.9	-5.3	-6.0	-5.9	-4.5	-8.8	-2.1	-4.7	-3.4	-4.7

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

(Units: 100 GWh, %)

By Sector		By Period		Prev. 3 Periods					
		This Period		1st Half of FY2012		2nd Half of FY2011		1st Half of FY2011	
		2nd Half of FY2012		1st Half of FY2012		2nd Half of FY2011		1st Half of FY2011	
Textiles		19.1	-8.0	20.6	-7.0	20.8	-5.8	22.1	-1.2
Paper & Pulp		41.1	-9.5	44.1	-5.8	45.4	-6.2	46.9	-7.0
Chemicals		127.6	-4.1	0.0	-2.1	133.1	-3.6	136.9	-2.9
Ceramics		55.0	-4.8	56.5	-1.0	57.7	-1.3	57.1	0.1
Steel		174.3	-6.5	184.8	4.0	186.5	1.2	177.8	-0.6
Non-Ferrous Metal		73.1	-6.8	78.4	0.1	78.4	-1.1	78.3	-3.2
Machinery		327.4	-7.0	357.5	-0.4	351.9	-1.0	359.1	-6.7
Large Industry Total		1,281.5	-4.7	1,369.7	-0.0	1,345.2	-1.5	1,370.0	-4.7

# Lighting & Power Demand Volume and Change by Company and Use (2nd Half of FY2012)

FEPC

## Electricity Demand in the 2nd Half of Fiscal 2012 (Confirmed Report)

By Use		By Company											
		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
Sales Volume (MWh)	Lighting	6,479,838	14,176,687	51,246,541	19,044,896	4,822,731	25,939,207	10,256,184	5,143,485	15,647,505	152,757,074	1,311,250	154,068,324
	<Residential Lighting>	3,810,188	8,612,711	35,238,935	11,501,560	1,991,261	16,280,981	5,500,906	2,992,614	8,772,837	94,701,993	1,091,580	95,793,573
	Power	1,803,629	2,159,176	5,257,501	3,042,363	695,423	2,829,065	1,189,016	850,482	2,469,928	20,296,583	1,487,176	21,783,759
	<Low Voltage>	584,576	1,516,725	4,448,968	2,265,590	515,317	2,420,668	888,242	563,701	2,086,599	15,290,386	162,818	15,453,204
	Lighting & Power Total	8,283,467	16,335,863	56,504,042	22,087,259	5,518,154	28,768,272	11,445,200	5,993,967	18,117,433	173,053,657	2,798,426	175,852,083
	Eligible Customers' Use	8,299,601	24,270,975	79,162,442	41,118,812	8,933,843	41,783,043	17,997,207	7,704,233	23,608,480	252,878,636	527,627	253,406,263
	<Commercial Power>	4,249,720	8,029,207	33,723,909	10,864,773	2,566,246	15,768,570	5,387,601	2,943,277	9,201,031	92,734,334	258,772	92,993,106
	<Industrial Power>	4,049,881	16,241,768	45,438,533	30,254,039	6,367,597	26,014,473	12,609,606	4,760,956	14,407,449	160,144,302	268,855	160,413,157
Total Electricity Sales	16,583,068	40,606,838	135,666,484	63,206,071	14,451,997	70,551,315	29,442,407	13,698,200	41,725,913	425,932,293	3,326,053	429,258,346	
Yea-on-year Basis (%)	Lighting	97.1	101.2	99.1	100.5	101.2	99.8	99.9	99.4	99.5	99.7	93.7	99.6
	Power	102.3	99.1	96.2	97.5	95.9	97.7	95.1	96.0	96.2	97.3	95.9	97.2
	<Low Voltage>	97.3	99.2	96.4	98.6	96.6	98.0	95.4	95.8	96.2	97.2	87.1	97.0
	Lighting & Power Total	98.2	100.9	98.8	100.1	100.5	99.6	99.4	98.9	99.0	99.4	94.9	99.3
	Eligible Customers' Use	93.8	100.2	97.9	96.5	95.9	96.6	96.8	94.3	98.0	97.3	100.0	97.3
	<Commercial Power>	97.4	104.6	100.0	100.5	99.8	100.2	99.6	97.3	98.4	100.1	103.4	100.1
	<Industrial Power>	90.4	98.1	96.4	95.1	94.3	94.6	95.7	92.5	97.8	95.7	96.9	95.7
	Total Electricity Sales	96.0	100.5	98.3	97.7	97.6	97.8	97.8	96.2	98.5	98.1	95.6	98.1

## 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)	15,087,765	28,072,778	120,001,248	38,468,558	6,118,729	54,212,183	19,112,885	10,500,163	32,571,845	324,146,154	4,038,155	328,184,309
	Power Total (kW)	15,408,362	29,442,986	84,226,963	46,484,432	10,239,762	45,168,662	18,263,505	13,364,391	37,406,261	300,005,324	8,191,135	308,196,459
	<Low Voltage (kW)>	8,360,543	23,569,289	74,355,314	35,651,388	8,110,991	39,886,918	14,850,438	9,942,954	30,738,863	245,466,698	2,526,345	247,993,043
	Lighting & Power Total (Number of Contracts)	23,682,361	45,892,132	173,125,309	63,042,766	12,581,105	81,578,254	31,362,205	17,076,541	51,408,631	499,749,304	5,139,052	504,888,356

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 FY2012)

FEPC

Electricity Demand in the 2nd Half of Fiscal 2012 (Confirmed Report)

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	46,695	71,547	81,522	21,241	0	48,366	76,530	26,957	87,179	460,037	2,895	462,932	
		Manufacturing	Foodstuffs	543,634	728,739	2,577,211	1,245,624	93,162	1,127,059	470,122	225,086	1,065,810	8,076,447	48,152	8,124,599
			Textiles		28,203	153,724	458,234	482,741	288,725	191,769	167,378	143,983	1,914,757	0	1,914,757
			Paper & Pulp	219,402	386,839	1,147,113	766,076	145,191	385,123	237,714	614,793	207,410	4,109,661	2,723	4,112,384
			Chemical	134,754	973,027	4,478,129	1,375,682	638,682	2,095,342	1,177,066	550,593	1,330,176	12,753,451	7,319	12,760,770
			Oil/Coal	3,508	8,843	276,754	76,661	2,759	212,913	252,772	208,097	53,097	1,095,404	23,212	1,118,616
			Rubber Products		154,693	287,244	319,194	9,616	150,942	149,862	26,219	268,091	1,365,861	0	1,365,861
			Ceramics	29,894	439,785	1,139,458	1,264,221	191,365	1,538,026	357,231	10,180	499,071	5,469,231	27,339	5,496,570
			Steel	289,830	1,471,475	4,052,580	2,934,385	380,783	3,826,085	2,766,166	435,146	1,209,610	17,366,060	68,722	17,434,782
			Non-Ferrous Metals	41,314	1,630,805	1,850,163	646,370	488,594	1,043,688	726,037		881,300	7,308,271	2,909	7,311,180
			Machinery	313,278	3,441,202	7,484,608	9,846,305	1,489,469	3,969,642	2,234,943	841,460	3,115,170	32,736,077	0	32,736,077
		Others	205,635	1,036,668	4,546,868	2,573,885	752,764	2,250,405	600,664	308,287	846,248	13,121,424	10,572	13,131,996	
	Manufacturing Total	1,781,249	10,300,279	27,993,853	21,506,637	4,675,126	16,887,950	9,164,346	3,387,239	9,619,966	105,316,645	190,948	105,507,593		
	Mining & Manufacturing Total	1,827,944	10,371,826	28,075,375	21,527,878	4,675,126	16,936,316	9,240,876	3,414,196	9,707,145	105,776,682	193,843	105,970,525		
	Others	Railways	193,486	726,264	2,938,288	1,294,616	120,027	2,182,038	613,874	48,761	546,105	8,663,459	3,933	8,667,392	
Other than Railways		306,571	1,078,757	5,892,058	1,581,440	299,162	2,150,432	628,295	248,163	1,134,814	13,319,692	196,743	13,516,435		
Others Total		500,057	1,805,021	8,830,346	2,876,056	419,189	4,332,470	1,242,169	296,924	1,680,919	21,983,151	200,676	22,183,827		
Total		2,328,001	12,176,847	36,905,721	24,403,934	5,094,315	21,268,786	10,483,045	3,711,120	11,388,064	127,759,833	394,519	128,154,352		

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 FY2012)

FEPC

Electricity Demand in the 2nd Half of Fiscal 2012 (Confirmed Report)

By Sector		By Company											9-Co. Total	Okinawa	10-Co. Total
		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu					
Year-on-year Basis (%)	Mining & Manufacturing	Mining	104.6	116.6	95.1	89.2	0.0	95.2	97.2	108.3	100.9	100.8	112.4	100.8	
		Manufacturing	Foodstuffs	98.7	104.0	100.1	101.4	95.7	97.9	97.1	100.0	99.2	99.9	94.2	99.8
			Textiles		91.3	93.5	89.9	92.5	92.6	94.8	95.1	87.2	92.0	0.0	92.0
			Paper & Pulp	59.9	104.7	95.9	94.5	90.8	105.9	88.8	78.7	92.1	90.5	93.4	90.5
			Chemical	106.4	95.1	97.6	95.0	101.3	91.4	89.4	98.3	100.9	95.9	100.1	95.9
			Oil/Coal		73.8	121.7	109.3	97.6	103.0	97.0	96.0	116.8	105.1	96.2	104.9
			Rubber Products		94.3	92.9	89.5	96.5	92.8	92.7	95.1	94.1	92.5	0.0	92.5
			Ceramics	40.7	118.3	91.7	93.7	98.5	94.9	99.1	106.9	95.5	95.2	100.6	95.2
			Steel	65.1	105.7	98.2	87.1	87.6	88.9	97.0	89.6	103.7	93.5	102.5	93.5
			Non-Ferrous Metals	55.9	87.3	93.1	97.3	103.5	93.3	91.5		102.2	93.2	98.0	93.2
			Machinery	93.8	93.5	90.2	95.2	89.7	91.9	96.5	90.9	94.0	93.0	0.0	93.0
			Others	98.4	97.2	95.9	95.4	95.2	96.7	98.7	92.9	95.8	96.1	94.6	96.1
	Manufacturing Total	81.7	96.4	95.0	94.1	94.0	92.9	95.2	90.6	97.5	94.4	98.5	94.4		
	Mining & Manufacturing Total	82.2	96.6	95.0	94.1	94.0	92.9	95.2	90.7	97.6	94.4	98.7	94.5		
	Others	Railways	100.7	97.8	100.3	98.7	96.8	98.2	98.4	98.8	99.6	99.1	96.2	99.1	
Other than Railways		96.1	104.5	99.4	99.9	93.5	100.5	96.8	97.0	99.6	99.7	94.7	99.6		
Others Total		97.8	101.7	99.7	99.4	94.4	99.3	97.6	97.3	99.6	99.4	94.7	99.4		
Total		85.1	97.3	96.1	94.7	94.0	94.1	95.5	91.2	97.9	95.3	96.6	95.3		

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.