

## Electricity Generated and Purchased in the First Half of Fiscal 2008 (Bulletin)

### 1. Nationwide Summary

Although large industrial demand was up on last year, total energy generated and purchased across the 10 companies in the first half of fiscal 2008 remained almost unchanged (-0.0%) from a year earlier at 497.26 billion kWh, due mainly to lower cooling demand caused by relatively low temperatures from August through September.

#### (Breakdown)

##### Hydro

Despite higher flow rates compared with a year earlier, lower pumped-storage hydroelectric generation caused a decline of 2.5% to 34.04 billion kWh.

##### Thermal

Thermal power generation rose 3.1% to 262.71 billion kWh due principally to reduced nuclear power generation.

##### Nuclear

The capacity factor was down from a year earlier, resulting in a 7.7% decline in nuclear power generation to 121.65 billion kWh.

Capacity factors in the first half of fiscal 2008 and the first half of fiscal 2007 were 59.2% and 64.1% respectively (Japan Atomic Power Company figures excluded).

### 2. State of the Companies

Notwithstanding higher large industrial demand than last year, decreased cooling demand due to relatively low temperatures in August through September led to business results falling short of those a year earlier at Tokyo, Chubu, Kansai, and Kyushu.

#### [Flow Rates]

Flow rates were below average at all companies. As a result, the figure across the nine companies was 90.0%.

(Unit:%)

	Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9 Companies
Flow rates	79.9	93.6	99.9	89.1	87.5	87.5	78.4	80.5	92.0	90.0

### 1. Power Generated and Purchased Overview

		This Period (1st Half of FY2008)				Year-on-year Change (Prev. 3 periods; %)					
		Summary		Year-on-year Change (%)		2nd Half of FY2007		1st Half of FY2007		2nd Half of FY2006	
		9-Co. Total	10-Co. Total	9-Co. Total	10 Co. Total	9 Co. Total	10 Co. Total	9 Co. Total	10 Co. Total	9 Co. Total	10 Co. Total
Power Generated and Purchased (100 GWh)		4,925.7	4,972.6	-0.0	-0.0	4.0	3.9	2.6	2.6	-0.1	-0.1
Source	Hydro	340.4	340.4	-2.5	-2.5	-9.0	-9.0	-15.9	-15.9	9.4	9.4
	Thermal	2,590.1	2,627.1	3.2	3.1	16.5	16.3	15.1	14.9	3.9	3.8
	Nuclear	1,216.5	1,216.5	-7.7	-7.7	-16.1	-16.1	-10.2	-10.2	-3.1	-3.1
Purchased		830.1	840.3	1.2	1.3	6.1	6.1	2.3	2.3	-8.7	-8.6
Flow Rate		90.0		(same period of previous year) 89.6		88.3		89.6		97.9	
Nuclear Capacity Factor (incl. JAPC)		58.2		(same period of previous year) 64.5		56.9		64.5		68.1	

### 2. Power Generated and Purchased Change by Company and Half Year (%)

By Company \ By Period	1st Half of FY2008	2nd Half of FY2007	1st Half of FY2007	2nd Half of FY2006
Hokkaido	0.4	3.7	2.0	1.7
Tohoku	0.3	3.9	3.2	0.9
Tokyo	-0.4	3.7	2.9	-0.8
Chubu	-0.0	4.0	3.0	0.5
Hokuriku	1.0	4.7	1.8	-1.1
Kansai	-0.1	3.4	1.0	-1.3
Chugoku	1.2	4.8	2.8	2.1
Shikoku	0.6	5.2	2.9	-0.1
Kyushu	-0.3	4.6	3.8	0.4
9-Co. Total	-0.0	4.0	2.6	-0.1
Okinawa	0.6	2.1	0.7	-0.2
10-Co. Total	-0.0	3.9	2.6	-0.1

**1. Power Generated and Purchased Volume by Company and Source**

FEPC

By Company By Source		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
		Hydro	1,749,872	4,390,934	6,762,292	4,989,117	3,150,412	7,229,344	1,807,808	1,236,460	2,718,857	34,035,096	
Thermal	10,324,952	23,678,824	93,516,251	47,717,413	9,974,190	30,330,945	18,310,394	6,250,919	18,909,103	259,012,991	3,700,480	262,713,471	
Nuclear	2,639,070	9,353,544	34,039,065	13,946,713	3,993,062	26,366,973	4,926,710	7,667,178	18,717,857	121,650,172		121,650,172	
Others	0	0	137	0	0	18,032	0	316	1,404	19,889		19,889	
Purchased	2,232,147	6,927,877	27,395,164	8,327,394	-1,323,781	18,810,654	10,309,744	1,477,546	8,857,971	83,014,716	1,015,439	84,030,155	
Pumped Storage	0	0	0	16	0	0	0	0	26	42	0	42	
Surplus	-60,842	-81,386	-1,629,926	-1,157,342	-25,605	-649,792	-693,144	-210,827	-656,531	-5,165,395	-23,096	-5,188,491	
Total	16,885,199	44,269,793	160,082,983	73,823,311	15,768,278	82,106,156	34,661,512	16,421,592	48,548,687	492,567,511	4,692,823	497,260,334	
Year-on-year Basis (%)	100.4	100.3	99.6	100.0	101.0	99.9	101.2	100.6	99.7	100.0	100.6	100.0	
Flow Rate (%)	79.9	93.6	99.9	89.1	87.5	87.5	78.4	80.5	92.0	90.0		90.0	

**2. Fuel Use by Company and Type**

By Company By Fuel		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
		Coal (ton)	Purchased	2,804,281	3,778,437	1,438,016	5,551,865	3,029,550	1,228,697	2,737,023	1,537,720	3,145,596	25,251,185
	Consumed	2,709,267	3,844,313	1,615,362	5,472,397	2,894,673	1,196,910	2,674,629	1,272,739	3,083,795	24,764,085	1,065,609	25,829,694
Heavy Fuel Oil (kl)	Purchased	554,541	347,838	3,522,460	9,419	336,681	205,963	499,321	294,672	167,021	5,937,916	154,077	6,091,993
	Consumed	547,754	318,495	3,433,702	17,240	240,297	220,457	501,076	294,449	144,143	5,717,613	136,467	5,854,080
Crude Oil (kl)	Purchased	148,877	189,130	1,613,539	540,646	131,450	1,988,849	564,717	120,350	101,015	5,398,573		5,398,573
	Consumed	145,618	138,079	1,520,045	455,434	131,335	1,961,253	554,887	131,312	85,283	5,123,246		5,123,246
LNG (ton)	Purchased		1,629,546	10,354,391	4,773,408		2,842,936	1,028,370		1,199,582	21,828,233		21,828,233
	Consumed		1,495,959	9,491,581	4,567,224		2,880,998	885,060		1,269,395	20,590,217		20,590,217
Naphtha (kl)	Purchased			25,032							25,032		25,032
	Consumed			1,645							1,645		1,645