

## Electricity Generated and Purchased in June 2008 (Bulletin)

### 1. Nationwide Summary

Despite higher large industrial user demand, total electricity generated and purchased across the 10 companies in June 2008 declined 1.6% from last year to 77.84 billion kWh, due mainly to lower cooling demand caused by lower June temperatures than last year.

#### (Breakdown)

**Hydro**  
Hydroelectric generation rose 13.5% on last year to 6.45 billion kWh, due mainly to higher flow rates than a year earlier.

**Thermal**  
Increased use of hydroelectric power generation as well as decreased amount of total electricity generated and purchased led to a 1.7% decline in thermal power generation to 39.54 billion kWh.

**Nuclear**  
The capacity factor was down from last year, resulting in a 10.1% decline in nuclear power generation to 18.78 billion kWh. Capacity factors in fiscal 2008 and fiscal 2007 were 55.8% and 61.9% respectively (Japan Atomic Power Company figures excluded).

### 1. Power Generated & Purchased Overview

	This Month (June)				Year-on-Year Change (prev. 3 months; %)						
	Summary		Year-on-Year Change (%)		May		April		March		
	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 & Purchased (100 million kWh)	770.5	778.4	-1.6	-1.6	1.6	1.6	0.5	0.5	-0.6	-0.6	
Source	Hydro	64.5	64.5	13.5	13.5	9.5	9.5	19.5	19.5	-5.4	-5.4
	Thermal	389.1	395.4	-1.8	-1.7	10.1	10.0	9.3	9.2	12.8	12.6
	Nuclear	187.8	187.8	-10.1	-10.1	-11.4	-11.4	-22.0	-22.0	-24.3	-24.3
Purchased	136.5	138.1	5.6	5.7	-6.6	-6.5	4.3	4.4	1.7	1.9	
Flow Rate	103.0		(rate same month last year) 90.0		88.7		93.1		87.7		
Nuclear Capacity Factor (incl. JAPC)	53.6		(rate same month last year) 62.4		51.1		49.1		52.9		

### 2. State of the Companies

Despite higher large industrial user demand, lower cooling demand caused by lower June temperatures led to business results falling from last year at all companies except Tohoku, Chugoku, and Okinawa.

#### [Flow Rates]

Flow rates at all companies except Hokkaido, Tohoku, Hokuriku, and Chugoku were above average. As a result, the flow rate across the nine companies was 103.0%.

(Unit : %)

	Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9 companies
Flow rates	76.7	85.4	106.4	111.6	88.2	106.5	98.1	131.2	137.8	103.0

### 2. Power Generated & Purchased Change by Co. & Month (%)

By Company	By Month	FY2007	Jun. 2007	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2008	Feb.	Mar.	Apr.	May	Jun.
	Hokkaido	2.9	4.8	0.8	-0.5	3.0	2.1	4.9	1.6	5.8	9.3	-1.4	-1.4	1.3	-0.3
Tohoku	3.6	3.9	1.7	1.8	7.1	1.8	3.2	2.1	6.4	12.1	-1.7	0.0	1.5	0.1	
Tokyo	3.3	2.6	-2.2	6.6	5.6	1.0	2.9	1.6	4.9	12.5	-0.5	0.2	1.1	-3.0	
Chubu	3.5	2.8	-0.8	3.8	7.3	3.3	2.8	1.8	4.6	13.1	-1.2	1.1	2.0	-1.8	
Hokuriku	3.3	2.0	-0.8	-0.3	8.0	3.5	4.0	1.9	5.0	14.4	-0.1	1.4	1.5	-1.6	
Kansai	2.2	-0.7	-4.1	-0.7	9.9	0.8	1.7	1.0	5.1	13.6	-1.6	-0.1	2.0	-0.8	
Chugoku	3.8	1.2	-1.0	1.3	13.4	4.6	4.5	2.3	4.2	13.5	0.6	1.1	2.2	1.0	
Shikoku	4.0	1.9	-2.1	1.2	14.3	4.8	4.8	3.2	6.2	12.4	0.2	2.1	2.8	-0.5	
Kyushu	4.2	3.4	-1.3	1.9	15.3	6.0	2.8	1.7	2.4	14.2	1.6	1.5	1.5	-2.5	
9-Co. Total	3.3	2.2	-1.7	3.0	8.4	2.4	3.0	1.7	4.8	12.9	-0.6	0.5	1.6	-1.6	
Okinawa	1.3	0.0	3.3	-1.7	3.7	5.8	-2.0	-0.8	0.5	10.0	-0.8	0.4	0.7	3.4	
10-Co. Total	3.3	2.2	-1.6	3.0	8.4	2.4	3.0	1.7	4.8	12.9	-0.6	0.5	1.6	-1.6	

## 1. Power Generated & Purchased Volume by Co. & Source

		By Company											
		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
By Source													
Vol. of Power Generated & Purchased (1,000 kWh)	Hydro	316,200	650,546	1,205,973	969,265	544,025	1,467,969	309,596	320,819	665,064	6,449,457		6,449,457
	Thermal	1,627,953	3,957,952	14,121,349	6,980,253	1,355,005	4,646,071	2,351,994	919,980	2,946,754	38,907,311	637,625	39,544,936
	Nuclear	426,797	1,216,811	5,610,701	2,564,850	868,318	3,580,076	926,073	1,172,722	2,414,663	18,781,011		18,781,011
	Others	0	0	0	0	0	0	0	0	0	0		0
	Purchased	329,463	1,270,071	4,263,700	1,366,199	-317,962	3,172,000	1,880,450	164,835	1,517,534	13,646,290	159,641	13,805,931
	Pumped Storage	-529	-6,031	-260,399	-190,591	-1,387	-42,865	-89,675	-43,447	-101,209	-736,133	-3,600	-739,733
	Total	2,699,884	7,089,349	24,941,324	11,689,976	2,447,999	12,823,251	5,378,438	2,534,909	7,442,806	77,047,936	793,666	77,841,602
	Year-on-Year Change (%)	99.7	100.1	97.0	98.2	98.4	99.2	101.0	99.5	97.5	98.4	103.4	98.4
Flow Rate (%)		76.7	85.4	106.4	111.6	88.2	106.5	98.1	131.2	137.8	103.0		103.0
Peak Load (1,000 kW)	Monthly Peak Load	19/20h 4,394	20/15h 12,886	24/17h 45,250	20/15h 22,497	20/12h 4,566	20/12h 24,359	18/15h 9,394	20/14h 4,581	18/16h 13,711	-	25/14h 1,466	-
	Average for 3 Peak Load Days	4,366	12,389	45,055	22,351	4,440	23,754	9,370	4,503	13,610	139,838	1,463	141,301

## 2. Fuel Use by Co. & Type

		By Company											
		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
By Fuel													
Coal (t)	Purchased	448,040	767,305	299,601	980,627	410,521	145,993	348,941	312,544	643,254	4,356,826	149,975	4,506,801
	Consumed	388,844	643,879	244,340	774,916	360,064	203,976	253,015	264,036	562,926	3,695,996	190,138	3,886,134
Heavy oil (kl)	Purchased	91,303	78,767	477,994	4,571	85,439	87,332	65,697	20,991	38,958	951,052	16,602	967,654
	Consumed	107,688	59,956	494,487	190	50,646	46,108	59,328	11,440	17,396	847,239	21,402	868,641
Crude oil (kl)	Purchased	32,925	46,507	261,702	65,322	16,964	220,869	112,266	13	7,636	764,204		764,204
	Consumed	36,454	29,159	222,515	32,198	22,059	255,182	101,599	321	12,379	711,866		711,866
LNG (t)	Purchased		290,688	1,580,023	774,881		465,214	146,258		173,785	3,430,849		3,430,849
	Consumed		242,051	1,454,521	714,609		451,788	142,102		181,104	3,186,175		3,186,175
Naphtha (kl)	Purchased												
	Consumed												