

## Electricity Generated and Purchased in June 2007 (Bulletin)

### 1. Nationwide Summary

Total electricity generated and purchased in June 2007 was up 2.2% across the 10 companies to 79.09 billion kWh. The rise was due to increased large industrial user demand.

#### (Breakdown)

**Hydro**  
Flow rates were below those of last year, leading to a decline in hydroelectric generation. 5.68 billion kWh were generated, down 20.0%.

**Thermal**  
Decreased use of nuclear and hydroelectric generation led to a 16.4% increase in thermal power generation. 40.22 billion kWh were generated.

**Nuclear**  
The capacity factor was down compared to last year, resulting in a 12.9% decline in nuclear power generation. 20.89 billion kWh were generated.  
Capacity factors in June 2007 and June 2006 were 61.9% and 70.9% 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)	783.3	790.9	2.2	2.2	2.4	2.4	1.7	1.7	1.7	1.7	
Source	Hydro	56.8	56.8	-20.0	-20.0	-31.4	-31.4	-25.4	-25.4	-20.8	-20.8
	Thermal	396.0	402.2	16.7	16.4	21.8	21.4	18.7	18.5	14.2	13.9
	Nuclear	208.9	208.9	-12.9	-12.9	-11.2	-11.2	-8.5	-8.5	-3.7	-3.7
Purchased	129.2	130.6	2.8	2.7	2.4	2.3	-6.6	-6.6	-11.2	-10.8	
Flow Rate	89.6		(rate same month last year) 105.7		79.5		75.2		86.6		
Nuclear Capacity Utilization Rate (incl. JAPC)	62.4		(rate same month last year) 69.9		61.9		64.9		71.4		

### 2. State of the Companies

With the exception of Kansai and Okinawa, business results at all companies rose due to increased large industrial user demand.

#### [Flow Rates]

With the exception of Tohoku, flow rates at all company were below average. As a result, the flow rate across the nine companies was 89.6%.

(Unit : %)

	Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9 companies
Flow rates	99.5	103.6	92.7	92.0	90.9	88.6	69.8	53.3	66.8	89.6

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

By Company \ By Month	FY2006	Jun. 2006	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2007	Feb.	Mar.	Apr.	May	Jun.
Hokkaido	1.9	1.0	2.1	4.0	1.1	3.2	2.9	0.7	-1.1	1.2	3.7	1.7	2.8	4.9
Tohoku	1.4	0.0	1.4	2.9	-0.3	3.8	3.3	-1.4	-2.6	-0.6	3.9	2.1	2.9	3.8
Tokyo	-0.2	-0.7	1.0	-0.7	-2.2	1.8	1.2	-2.6	-3.3	-2.6	1.2	2.3	2.6	2.9
Chubu	1.4	0.4	1.5	4.7	-1.5	3.2	3.2	-3.0	-1.2	-0.7	1.9	1.6	3.5	2.6
Hokuriku	0.9	0.0	0.7	6.6	-1.9	2.5	1.8	-4.9	-3.4	-3.0	1.6	0.3	2.0	1.6
Kansai	-0.1	-0.9	0.0	5.9	-4.3	2.3	1.6	-4.9	-2.9	-2.9	-0.2	0.8	1.9	-0.5
Chugoku	2.6	0.5	2.0	7.4	-2.5	2.9	3.6	-1.2	2.9	0.5	4.0	2.1	0.5	0.8
Shikoku	0.7	-2.1	1.1	6.4	-2.4	2.2	1.4	-4.4	-0.7	-0.3	1.8	1.5	1.1	1.5
Kyushu	1.6	0.4	3.0	7.0	-4.8	0.8	3.1	-3.9	1.5	-0.4	1.9	1.8	2.6	3.4
9-Co. Total	0.7	-0.3	1.2	3.4	-2.4	2.4	2.2	-3.0	-1.8	-1.6	1.7	1.7	2.4	2.2
Okinawa	0.4	2.4	-0.3	1.7	-2.6	-3.5	1.4	-0.2	0.8	-1.5	2.3	2.2	-3.5	-0.6
10-Co. Total	0.7	-0.2	1.2	3.4	-2.4	2.3	2.2	-2.9	-1.8	-1.6	1.7	1.7	2.4	2.2

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

By Source \ By Company		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
		Vol. of Power Generated & Purchased (1,000 kWh)	Hydro	388,618	787,733	1,104,397	853,839	536,021	1,357,594	228,674	136,023	290,321	5,683,220
Thermal	1,246,649		3,970,138	13,285,847	8,399,272	1,812,811	3,881,904	3,168,467	992,066	2,846,390	39,603,544	619,507	40,223,051
Nuclear	699,402		1,393,324	7,553,181	1,603,928	0	4,840,629	337,419	1,267,911	3,198,784	20,894,578		20,894,578
Others	0		0	0	0	0	0	0	0	0	0		0
Purchased	375,725		949,127	4,090,504	1,233,135	133,627	2,998,841	1,649,416	175,505	1,312,925	12,918,805	143,346	13,062,151
Pumped Storage	-1,530		-20,798	-247,396	-207,626	-3,651	-159,824	-78,263	-33,688	-16,630	-769,406	-153	-769,559
Total	2,708,864		7,079,524	25,786,533	11,882,548	2,478,808	12,919,144	5,305,713	2,537,817	7,631,790	78,330,741	762,700	79,093,441
Year-on-Year Change (%)	104.9		103.8	102.9	102.6	101.6	99.5	100.8	101.5	103.4	102.2	99.4	102.2
Flow Rate (%)		99.5	103.6	92.7	92.0	90.9	88.6	69.8	53.3	66.8	89.6		89.6
Peak Load (1,000 kW)	Monthly Peak Load	13/15h 4,502	28/15h 13,231	28/15h 50,634	28/15h 24,449	28/15h 4,681	29/15h 26,792	29/12h 10,062	29/14h 5,254	28/15h 15,560	-	29/15h 1,459	-
	Average for 3 Peak Load Days	4,483	12,910	50,392	24,282	4,609	26,023	10,032	5,078	15,127	152,936	1,461	154,397

## 2. Fuel Use by Co. & Type

By Fuel \ By Company		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
		Coal (t)	Purchased	408,096	622,814	153,141	973,187	307,818	214,409	463,536	211,888	411,873	3,766,762
Consumed	354,140		614,379	95,853	772,644	516,526	211,620	474,320	207,674	349,022	3,596,178	175,844	3,772,022
Heavy oil (kl)	Purchased	15,610	34,933	408,079		31,206	32,077	96,091	17,098	26,953	662,047	40,258	702,305
	Consumed	35,362	36,035	414,332	534	26,605	22,785	92,424	18,592	42,096	688,765	27,342	716,107
Crude oil (kl)	Purchased	21,459	31,909	224,500	99,099	32,352	200,978	86,232	40,019	55,237	791,785		791,785
	Consumed	17,445	18,098	105,413	124,642	32,701	163,042	88,533	39,582	80,563	670,019		670,019
LNG (t)	Purchased		289,746	1,720,066	981,212		442,455	127,826		161,015	3,722,320		3,722,320
	Consumed		279,451	1,567,916	877,380		400,892	107,408		188,348	3,421,395		3,421,395
Naphtha (kl)	Purchased			150							150		150
	Consumed			150							150		150