

## Electricity Generated and Purchased in the First Half of 2005 (Bulletin)

### 1. Nationwide Summary

Although lower temperatures depressed cooling demand during the summer, the effect on overall results was mitigated by increased large industrial user demand. As a result, total electricity generated and purchased in the first half of 2005 saw only a small decline of 0.2%. 477.29 billion kWh were generated.

#### (Breakdown)

##### Hydro

Due to record low rainfall in western Japan, flow rates were below those of last year's first half, leading to a decline in hydroelectric generation. 37.64 billion kWh were generated, down 8.8%.

##### Thermal

Decreased use of hydroelectric power led to a 1.2% rise in thermal power generation. 225.08 billion kWh were generated.

##### Nuclear

The capacity utilization rate at all companies was up compared to last year's first half, resulting in a 3.2% rise in nuclear power generation. 142.15 billion kWh were generated.

Capacity utilization rates in the first half of 2005 and 2004 were 71.7% and 71.5% respectively (Japan Atomic Power Company figures excluded).

### 1. Power Generated & Purchased Overview

	This Half Year (1st Half 2005)				Year-on-Year Change (prev. 3 Half Years; %)						
	Summary		Year-on-Year Change (%)		2nd Half 2004		1st Half 2004		2nd Half 2003		
	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)	4,727.0	4,772.9	-0.2	-0.2	2.1	2.1	5.4	5.3	-0.7	-0.7	
Source	Hydro	376.4	376.4	-8.8	-8.8	8.1	8.1	-8.2	-8.2	10.8	10.8
	Thermal	2,215.1	2,250.8	1.2	1.2	1.3	1.3	-4.9	-4.9	-6.0	-5.8
	Nuclear	1,421.5	1,421.5	3.2	3.2	1.6	1.6	40.9	40.9	6.1	6.1
Purchased	786.4	796.8	-5.9	-5.8	2.9	2.8	-0.9	-0.8	2.2	2.0	
Flow Rate	93.9		(rate same half last year) 103.8		121.3		103.8		105.2		
Nuclear Capacity Utilization Rate (incl. JAPC)	70.9		(rate same half last year) 72.7		65.1		72.7		65.6		

### 2. State of the Companies

Business results at all companies except Tokyo and Kansai were up, buoyed by large industrial demand that overcame the decline in cooling demand caused by low summer temperatures.

#### [Flow Rates]

With the exception of Hokkaido, Tohoku and Hokuriku, flow rates at all companies were below average. As a result, the flow rate across the 9 companies was 93.9%.

(Unit : %)

	Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9 companies
Flow rates	111.3	114.4	97.0	81.5	102.4	90.6	78.2	64.7	75.6	93.9

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

By Company	By Half Year			
	1st Half 2005	2nd Half 2004	1st Half 2004	2nd Half 2003
Hokkaido	1.5	2.2	2.2	-0.4
Tohoku	1.6	2.1	4.4	0.5
Tokyo	-1.7	1.7	6.4	-1.8
Chubu	0.5	1.7	5.6	-0.3
Hokuriku	2.1	5.0	6.7	0.8
Kansai	-1.0	1.6	4.7	-0.9
Chugoku	0.6	3.9	5.6	-0.8
Shikoku	0.8	2.3	4.6	0.0
Kyushu	0.9	2.8	4.5	0.5
9-Co. Total	-0.2	2.1	5.4	-0.7
Okinawa	0.4	0.6	-0.3	5.3
10-Co. Total	-0.2	2.1	5.3	-0.7

## 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	2,329,210	5,805,301	7,384,194	4,718,567	3,807,654	9,053,384	1,628,872	1,015,313	1,901,398	37,643,893
Thermal	7,176,867		25,750,443	77,243,351	43,904,848	8,319,701	18,580,678	18,340,414	5,855,871	16,340,270	221,512,443	3,567,355	225,079,798
Nuclear	4,476,287		7,072,846	49,210,669	14,426,759	2,901,404	31,782,464	4,284,989	8,629,419	19,366,731	142,151,568		142,151,568
Others	0		0	201	0	0	0	0	336	1,338	1,875		1,875
Purchased	2,207,528		3,387,495	24,316,798	8,050,880	-129,684	23,711,500	8,481,954	411,810	8,198,766	78,637,047	1,042,298	79,679,345
Surplus	0		438	0	13	0	0	0	0	5,311	5,762	0	5,762
Pumped Storage	-51,944		-81,235	-2,583,906	-1,038,389	-12,220	-2,603,922	-427,973	-279,027	-176,806	-7,255,422	-20,655	-7,276,077
Total	16,137,948		41,935,288	155,571,307	70,062,678	14,886,855	80,524,104	32,308,256	15,633,722	45,637,008	472,697,166	4,588,998	477,286,164
Year-on-Year Change (%)	101.5		101.6	98.3	100.5	102.1	99.0	100.6	100.8	100.9	99.8	100.4	99.8
Flow Rate (%)	111.3	114.4	97.0	81.5	102.4	90.6	78.2	64.7	75.6	93.9		93.9	

## 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	2,225,461	4,341,964	1,666,394	4,804,954	2,861,122	1,003,524	3,456,954	1,418,305	1,961,159	23,739,837
Consumed	2,101,311		4,257,990	1,465,826	5,008,219	2,704,704	1,152,843	3,517,782	1,380,969	2,211,376	23,801,020	992,292	24,793,312
Heavy oil (kl)	Purchased	220,357	577,097	2,318,643	16,940	86,152	159,134	491,202	236,978	55,074	4,161,577	141,292	4,302,869
	Consumed	224,177	524,740	2,303,539	32,285	72,345	86,224	485,638	195,436	72,902	3,997,286	146,634	4,143,920
Crude oil (kl)	Purchased	5,969	307,066	1,137,242	346,920	61,043	386,496	471,104	84,185	132,525	2,932,550		2,932,550
	Consumed	14,213	277,731	970,444	278,458	56,310	364,541	450,460	69,828	120,899	2,602,884		2,602,884
LNG (t)	Purchased		1,478,103	8,548,504	4,489,038		2,203,732	684,794		1,273,719	18,677,890		18,677,890
	Consumed		1,368,866	8,087,604	4,389,353		2,193,753	627,640		1,236,579	17,903,795		17,903,795
Naphtha (kl)	Purchased			1,352							1,352		1,352
	Consumed			22,482							22,482		22,482