

## Electricity Generated and Purchased in the Second Half of Fiscal 2006 (Bulletin)

### 1. Nationwide Summary

Despite increased large industrial user demand, total electricity generated and purchased in the second half of FY2006 declined 0.2% across the 10 companies due to decreased demand for heating caused by higher temperatures nationwide from December to February. 486.84 billion kWh were generated.

#### (Breakdown)

**Hydro**  
Flow rates were above those of the previous year's second half, leading to an increase in hydroelectric generation. 24.46 billion kWh were generated, up 9.4%.

**Thermal**  
Decreased nuclear power generation led to a 3.8% rise in thermal power generation. 246.21 billion kWh were generated.

**Nuclear**  
The capacity factor was down compared to last year, resulting in a 3.1% decline in nuclear power generation. 140.33 billion kWh were generated.  
Capacity factors in the second halves of FY2006 and FY2005 were 68.4% and 71.4% respectively (Japan Atomic Power Company figures excluded).

### 1. Power Generated & Purchased Overview

	This Half Year (2nd Half 2006)				Year-on-Year Change (prev. 3 Half Years; %)						
	Summary		Year-on-Year Change (%)		1st Half 2006		2nd Half 2005		1st Half 2005		
	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)	4,831.2	4,868.4	-0.2	-0.2	1.5	1.5	3.9	3.9	-0.2	-0.2	
Source	Hydro	244.6	244.6	9.4	9.4	10.2	10.2	-24.6	-24.6	-8.7	-8.7
	Thermal	2,431.9	2,462.1	3.9	3.8	-1.5	-1.5	0.7	0.7	1.2	1.2
	Nuclear	1,403.3	1,403.3	-3.1	-3.1	3.3	3.3	16.1	16.1	3.2	3.2
Purchased	790.4	797.5	-8.8	-8.8	1.8	1.7	4.5	4.4	-5.8	-5.7	
Flow Rate	97.7		(rate same half last year) 88.5		106.2		88.5		93.9		
Nuclear Capacity Utilization Rate (incl. JAPC)	68.1		(rate same half last year) 72.8		71.6		72.8		70.9		

### 2. State of the Companies

Despite increased large industrial user demand, business results at companies in Tokyo, Hokuriku, Kansai, Shikoku and Okinawa declined, primarily due to weak heating demand caused by higher temperatures nationwide from December to February.

#### [Flow Rates]

With the exception of Hokkaido, Tohoku and Tokyo, flow rates at all the companies were below average. As a result, the flow rate across the nine companies was 97.7%.  
(Unit : %)

	Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9 companies
Flow rates	104.5	114.9	109.3	90.3	99.2	93.7	67.6	61.5	87.4	97.7

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

By Company	By Half Year			
	2nd Half 2006	1st Half 2006	2nd Half 2005	1st Half 2005
Hokkaido	1.7	2.2	1.9	1.5
Tohoku	0.9	2.0	4.1	1.6
Tokyo	-0.9	0.4	2.8	-1.7
Chubu	0.4	2.3	5.5	0.5
Hokuriku	-1.1	3.0	6.6	2.1
Kansai	-1.3	1.0	3.9	-1.0
Chugoku	2.0	3.1	3.9	0.7
Shikoku	-0.2	1.5	3.6	0.8
Kyushu	0.4	2.8	5.4	1.0
9-Co. Total	-0.2	1.5	3.9	-0.2
Okinawa	-0.3	0.9	4.0	0.4
10-Co. Total	-0.2	1.5	3.9	-0.2

## 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
		Hydro	1,306,486	4,309,317	5,181,877	3,225,771	2,283,799	5,308,737	1,074,906	524,924	1,246,422	24,462,239	
Thermal	10,253,527	28,233,017	76,242,195	50,355,365	12,657,019	20,681,054	19,372,544	6,722,204	18,674,851	243,191,776	3,015,507	246,207,283	
Nuclear	4,265,385	6,628,895	55,705,531	10,125,020	1,940,094	32,489,811	3,800,729	8,035,586	17,341,880	140,332,931		140,332,931	
Others	0	0	110	0	0	0	0	327	1,803	2,240		2,240	
Purchased	2,932,567	7,030,441	21,200,016	9,306,541	-862,308	21,223,400	9,671,677	474,668	8,064,689	79,041,691	709,135	79,750,826	
Surplus	0	548	0	20	0	0	0	0	19	587	0	587	
Pumped Storage	-11,605	-35,625	-1,841,540	-664,070	-9,055	-1,080,242	-154,417	-72,874	-39,909	-3,909,337	-1,873	-3,911,210	
Total	18,746,360	46,166,593	156,488,189	72,348,647	16,009,549	78,622,760	33,765,439	15,684,835	45,289,755	483,122,127	3,722,769	486,844,896	
Year-on-Year Change (%)	101.7	100.9	99.1	100.4	98.9	98.7	102.0	99.8	100.4	99.8	99.7	99.8	
Flow Rate (%)	104.5	114.9	109.3	90.3	99.2	93.7	67.6	61.5	87.4	97.7		97.7	

## 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	2,414,069	3,567,641	1,728,220	4,767,291	3,960,743	1,295,931	3,335,105	1,347,652	2,634,371	25,051,023
	Consumed	2,655,576	3,953,195	1,743,532	4,795,323	3,835,739	1,178,471	3,127,733	1,617,300	2,810,822	25,717,691	772,620	26,490,311
Heavy oil (kl)	Purchased	518,685	574,390	1,350,127	26,522	80,603	119,553	658,465	194,655	79,918	3,602,918	119,421	3,722,339
	Consumed	537,657	573,206	1,420,098	32,759	113,424	138,850	671,802	221,847	98,166	3,807,809	160,642	3,968,451
Crude oil (kl)	Purchased	114,963	220,630	723,885	1,051,064	127,668	672,957	598,939	96,052	136,656	3,742,814		3,742,814
	Consumed	104,718	205,202	662,660	945,786	151,533	699,448	626,415	87,029	196,356	3,679,147		3,679,147
LNG (t)	Purchased		1,905,114	8,971,952	5,138,848		2,167,754	762,767		1,235,658	20,182,093		20,182,093
	Consumed		1,850,449	8,408,317	5,084,255		2,171,875	734,824		1,267,985	19,517,705		19,517,705
Naphtha (kl)	Purchased			900							900		900
	Consumed			15,198			1				15,199		15,199