

## Electricity Generated and Purchased in September 2005 (Bulletin)

### 1. Nationwide Summary

Total electricity generated and purchased in September 2005 was up 1.9% across the ten companies to 81.53 billion kWh. The rise was due to increased demand for cooling caused by higher temperatures, and increased large industrial user demand.

#### (Breakdown)

**Hydro**  
Flow rates were below those of last year, leading to a decline in hydroelectric generation. 6.13 billion kWh were generated, down 7.6%.

**Thermal**  
Increased use of nuclear power led to a 3.4% decline in thermal generation. 39.63 billion kWh were generated.

**Nuclear**  
The capacity utilization rate at all companies was up compared to last year, resulting in a 17.8% rise in nuclear power generation. 22.23 billion kWh were generated.  
Capacity utilization rates in September 2005 and September 2004 were 68.0% and 59.6% respectively (Japan Atomic Power Company figures excluded).

### 1. Power Generated & Purchased Overview

	This Month (September)				Year-on-Year Change (prev. 3 months; %)						
	Summary		Year-on-Year Change (%)		August		July		June		
	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)	807.1	815.3	1.9	1.9	3.1	3.1	-7.0	-6.9	0.5	0.5	
Source	Hydro	61.3	61.3	-7.6	-7.6	10.0	10.0	17.4	17.4	-31.1	-31.1
	Thermal	390.1	396.3	-3.5	-3.4	0.8	0.8	-13.3	-13.0	11.5	11.3
	Nuclear	222.3	222.3	17.8	17.8	13.3	13.3	0.8	0.8	3.3	3.3
Purchased	147.8	149.8	1.1	1.1	-6.4	-6.3	-9.1	-9.0	-15.6	-15.5	
Flow Rate	102.1		(rate same month last year) 120.9		101.9		100.6		77.4		
Nuclear Capacity Utilization Rate (incl. JAPC)	67.4		(rate same month last year) 61.6		74.5		75.8		72.4		

### 2. State of the Companies

Business results at all companies rose due to increased demand for cooling caused by higher temperatures in September.

#### [Flow Rates]

With the exception of Tokyo, Chubu, Hokuriku and Kansai, flow rates at all companies were above average. As a result, the flow rate across the nine companies was 102.1%.

(Unit : %)

	Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9 companies
Flow rates	119.8	112.4	99.5	95.3	94.0	95.9	105.4	103.6	115.9	102.1

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

By Company \ By Month	FY2004	Sep. 2004	Oct.	Nov.	Dec.	Jan. 2005	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.
Hokkaido	2.2	1.3	0.6	1.3	3.2	3.0	1.5	3.6	2.9	2.7	0.9	-1.9	2.7	2.0
Tohoku	3.2	1.7	0.7	-0.3	1.2	3.0	3.1	4.7	2.2	1.5	2.8	-4.3	5.2	2.6
Tokyo	4.0	1.9	2.3	0.2	-0.5	1.9	3.7	2.7	1.5	-2.6	-1.9	-10.2	4.4	0.0
Chubu	3.6	0.6	2.1	2.3	-0.4	1.1	1.6	3.6	2.2	-0.4	1.4	-5.8	3.6	3.0
Hokuriku	5.8	3.4	3.3	4.3	2.9	5.5	5.3	8.2	2.9	3.1	4.3	-3.7	2.7	4.0
Kansai	3.2	-0.8	3.0	1.5	-0.8	1.1	1.7	3.5	2.3	-2.8	0.3	-7.2	2.1	0.6
Chugoku	4.7	-0.9	3.6	3.7	1.8	3.8	4.0	6.3	3.9	-0.6	2.6	-5.6	1.3	3.6
Shikoku	3.5	-1.3	2.6	1.4	-0.2	1.3	3.1	5.6	2.7	1.5	4.3	-5.8	2.3	1.1
Kyushu	3.7	-4.0	2.0	2.2	-1.4	2.9	4.9	6.4	2.4	-0.4	2.4	-4.0	-0.1	6.7
9-Co. Total	3.7	0.4	2.3	1.3	-0.1	2.1	3.1	4.0	2.2	-1.1	0.5	-7.0	3.1	1.9
Okinawa	0.1	-3.4	-0.5	-2.0	3.8	1.3	-1.2	2.5	-1.5	-4.9	-0.6	2.7	1.3	4.0
10-Co. Total	3.7	0.3	2.3	1.3	0.0	2.1	3.0	4.0	2.1	-1.2	0.5	-6.9	3.1	1.9

## 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	361,492	721,723	1,125,185	889,066	485,272	1,565,014	344,147	260,596	377,479	6,129,974
	Thermal	1,485,496	4,669,638	14,334,790	7,423,539	1,435,107	2,815,520	2,725,367	1,052,886	3,068,642	39,010,985	620,030	39,631,015
	Nuclear	508,335	42,504	7,726,205	2,626,677	792,610	5,513,787	925,627	1,122,862	2,972,800	22,231,407		22,231,407
	Others	0	0	0	0	0	0	0	0	0	0		0
	Purchased	348,496	1,513,333	3,664,628	1,606,626	-155,230	4,514,307	1,577,309	243,450	1,469,635	14,782,554	197,454	14,980,008
	Pumped Storage	-2,298	-9,017	-315,873	-260,386	-3,583	-620,153	-115,528	-69,490	-46,682	-1,443,010	-4,161	-1,447,171
	Total	2,701,521	6,938,181	26,534,935	12,285,522	2,554,176	13,788,475	5,456,922	2,610,304	7,841,874	80,711,910	813,323	81,525,233
	Year-on-Year Change (%)	102.0	102.6	100.0	103.0	104.0	100.6	103.6	101.1	106.7	101.9	104.0	101.9
Flow Rate (%)		119.8	112.4	99.5	95.3	94.0	95.9	105.4	103.6	115.9	102.1		102.1
Peak Load (1,000 kW)	Monthly Peak Load	12/19h 4,769	02/15h 13,679	13/15h 55,412	13/15h 25,602	02/15h 5,282	02/15h 29,144	02/15h 10,997	02/15h 5,247	01/15h 16,066		02/15h 1,448	-
	Average for 3 Peak Load Days	4,753	13,194	55,312	25,376	5,242	28,564	10,880	5,186	15,745	164,252	1,428	165,680

## 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	374,565	718,407	405,147	785,722	527,035	154,988	511,740	275,698	268,062	4,021,364
	Consumed	435,569	785,084	327,967	954,820	500,097	208,406	636,402	233,022	481,617	4,562,984	165,690	4,728,674
Heavy oil (kl)	Purchased	56,464	151,805	462,428	3,909	3,064	6,106	58,628	65,003	2,990	810,397	25,821	836,218
	Consumed	55,057	137,578	531,472	6,827	4,384	1,250	74,384	55,101	7,466	873,519	27,076	900,595
Crude oil (kl)	Purchased		66,848	237,871	69,609	3,551	7,008	10,022	24,043	11,038	429,990		429,990
	Consumed		82,809	251,676	114,149	3,728	10,525	8,111	6,491	14,930	492,419		492,419
LNG (t)	Purchased		295,460	1,442,608	658,865		311,043	92,077		212,680	3,012,733		3,012,733
	Consumed		203,463	1,428,561	642,120		360,031	84,498		232,375	2,951,048		2,951,048
Naphtha (kl)	Purchased			300							300		300
	Consumed			4,082							4,082		4,082