

## Electricity Generated and Purchased in September 2006 (Bulletin)

### 1. Nationwide Summary

Total electricity generated and purchased in September 2006 was down 2.5% across the ten companies to 79.48 billion kWh. The decline was due to decreased demand for cooling caused by lower temperatures in September.

#### (Breakdown)

##### Hydro

Flow rates were below those of last year, leading to a decrease in hydroelectric generation. 5.29 billion kWh were generated, down 13.7%.

##### Thermal

An overall decline in electricity generated and purchased led to a 2.7% decrease in thermal power generation. 38.55 billion kWh were generated.

##### Nuclear

Despite a year-on-year decline in the capacity utilization, nuclear power generation rose by 2.8% due primarily to a nuclear power plant that was newly brought online. 22.84 billion kWh were generated. Capacity utilization rates in September 2006 and September 2005 were 67.6% and 68.0% 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)	786.9	794.8	-2.5	-2.5	3.4	3.4	1.2	1.2	-0.3	-0.2	
Source	Hydro	52.9	52.9	-13.7	-13.7	1.4	1.4	12.7	12.7	34.7	34.7
	Thermal	379.3	385.5	-2.8	-2.7	4.5	4.5	-1.4	-1.4	-7.1	-6.9
	Nuclear	228.4	228.4	2.8	2.8	0.6	0.6	1.1	1.1	-1.0	-1.0
Purchased	137.9	139.5	-6.7	-6.9	5.6	5.4	1.8	1.7	5.6	5.5	
Flow Rate	89.9		(rate same month last year) 102.2		100.5		120.5		105.7		
Nuclear Capacity Utilization Rate (incl. JAPC)	69.3		(rate same month last year) 67.4		75.9		74.6		69.9		

### 2. State of the Companies

With the exception of Hokkaido, business results at all companies declined due to decreased demand for cooling caused by lower temperatures in September.

#### [Flow Rates]

With the exception of Chugoku, Shikoku and Kyushu, flow rates at all company were below average. As a result, the flow rate across the nine companies was 89.9%.

(Unit : %)

	Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9 companies
Flow rates	76.0	82.2	90.4	76.1	95.9	86.2	112.4	132.1	113.9	89.9

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

By Company \ By Month	FY2005	Sep. 2005	Oct.	Nov.	Dec.	Jan. 2006	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.
Hokkaido	1.7	2.1	0.7	1.6	3.6	4.5	0.9	-0.4	3.4	1.2	1.0	2.1	4.0	1.2
Tohoku	2.9	2.7	2.0	5.9	11.0	4.8	0.3	0.5	4.7	3.1	0.0	1.4	2.9	-0.3
Tokyo	0.5	-0.2	0.6	3.2	9.2	4.5	0.5	-1.2	2.4	3.2	-0.7	1.0	-0.7	-2.1
Chubu	3.0	2.9	3.2	5.2	13.5	5.6	2.6	2.9	4.9	4.5	0.4	1.5	4.7	-1.5
Hokuriku	4.4	4.2	4.3	7.0	15.2	6.8	3.0	3.3	8.0	4.8	0.0	0.7	6.6	-2.2
Kansai	1.4	0.7	0.9	2.8	12.1	3.7	1.5	2.3	3.1	2.4	-0.9	0.0	5.9	-4.4
Chugoku	2.3	3.9	3.0	3.5	10.9	2.4	1.7	1.7	4.5	6.6	0.5	2.0	7.4	-3.0
Shikoku	2.2	1.2	3.4	3.6	12.7	2.6	-1.0	0.2	3.3	2.4	-2.1	1.1	6.4	-2.5
Kyushu	3.1	6.9	7.0	5.3	16.0	2.7	0.1	1.9	5.8	5.5	0.4	3.0	7.0	-4.6
9-Co. Total	1.8	1.9	2.1	4.0	11.3	4.3	1.1	0.8	3.8	3.6	-0.3	1.2	3.4	-2.5
Okinawa	2.0	4.3	13.5	2.6	4.5	2.0	0.7	-0.6	0.4	4.4	2.4	-0.3	1.7	-2.9
10-Co. Total	1.8	1.9	2.2	4.0	11.3	4.2	1.1	0.8	3.8	3.6	-0.2	1.2	3.4	-2.5

## 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	197,825	517,739	1,004,579	670,804	443,752	1,329,663	348,912	314,319	463,256	5,290,849
Thermal	1,317,470		4,146,791	12,475,196	9,332,541	1,793,005	2,419,779	2,719,554	720,176	3,003,294	37,927,806	625,386	38,553,192
Nuclear	842,564		791,855	9,428,679	819,698	392,858	5,839,516	679,038	1,466,022	2,583,222	22,843,452		22,843,452
Others	0		0	0	0	0	0	0	0	0	0		0
Purchased	388,562		1,463,866	3,305,428	1,437,177	-124,176	4,125,456	1,657,202	93,710	1,439,825	13,787,050	166,677	13,953,727
Pumped Storage	-11,831		-3,873	-293,568	-171,384	-2,712	-525,306	-91,406	-46,883	-12,119	-1,159,082	-199	-1,159,281
Total	2,734,590		6,916,378	25,920,314	12,088,836	2,502,727	13,189,108	5,313,300	2,547,344	7,477,478	78,690,075	791,864	79,481,939
Year-on-Year Change (%)	101.2		99.7	97.9	98.5	97.8	95.6	97.0	97.5	95.4	97.5	97.1	97.5
Flow Rate (%)		76.0	82.2	90.4	76.1	95.9	86.2	112.4	132.1	113.9	89.9		89.9
Peak Load (1,000 kW)	Monthly Peak Load	27/18h 4,709	04/15h 12,925	05/15h 53,779	08/15h 25,670	04/15h 4,938	08/15h 28,136	08/15h 10,276	08/15h 5,047	08/15h 15,307	-	08/15h 1,456	-
	Average for 3 Peak Load Days	4,702	12,728	51,069	24,756	4,851	26,531	10,104	4,895	14,706	154,342	1,456	155,798

## 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	437,845	633,410	233,468	814,974	683,969	149,391	275,748	274,974	480,051	3,983,830
Consumed	399,539		541,264	300,769	937,459	575,456	208,512	506,191	194,374	571,047	4,234,611	174,148	4,408,759
Heavy oil (kl)	Purchased	49,731	102,759	190,082	371	12,080	14,106	103,996	18,923	23,060	515,108	37,837	552,945
	Consumed	37,463	115,943	251,453	458	12,482	12,114	86,581	10,107	6,292	532,893	28,880	561,773
Crude oil (kl)	Purchased		39,945	95,183	86,005	8,517	53,027	20,031	2,008	33,253	337,969		337,969
	Consumed	865	38,547	67,871	97,293	8,530	28,555	12,836	586	8,589	263,672		263,672
LNG (t)	Purchased		385,670	1,406,644	773,216		361,500	103,469		139,315	3,169,814		3,169,814
	Consumed		289,260	1,469,208	956,501		263,117	133,388		192,399	3,303,873		3,303,873
Naphtha (kl)	Purchased			150							150		150
	Consumed			150							150		150