

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

### 1. Nationwide Summary

Total electricity generated and purchased in September 2007 was up 8.5% across the ten companies to 86.27 billion kWh. The rise was due to increased demand for cooling caused by higher temperatures in September.

#### (Breakdown)

##### Hydro

Flow rates were above those of last year, leading to an increase in hydroelectric generation. 5.33 billion kWh were generated, up 0.7%.

##### Thermal

An overall increase in electricity generated and purchased, coupled with decreased use of nuclear power generation, led to a 20.3% increase in thermal power generation. 46.37 billion kWh were generated.

##### Nuclear

The capacity factor was down compared to last year, resulting in an 8.1% decline in nuclear power generation. 20.98 billion kWh were generated. Capacity factors in September 2007 and September 2006 were 62.2% and 67.6% 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)	854.5	862.7	8.6	8.5	3.0	3.0	-1.7	-1.6	2.2	2.2	
Source	Hydro	53.3	53.3	0.7	0.7	-6.9	-6.9	-7.1	-7.1	-19.8	-19.8
	Thermal	457.2	463.7	20.5	20.3	12.9	12.7	2.6	2.6	16.7	16.4
	Nuclear	209.8	209.8	-8.1	-8.1	-11.3	-11.3	-8.9	-8.9	-12.9	-12.9
Purchased	148.0	149.7	7.3	7.3	4.7	4.6	2.6	2.6	2.5	2.4	
Flow Rate	94.6		(rate same month last year) 90.1		90.5		109.2		90.0		
Nuclear Capacity Utilization Rate (incl. JAPC)	61.7		(rate same month last year) 69.3		66.9		69.0		62.4		

### 2. State of the Companies

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

#### [Flow Rates]

With the exception of Hokkaido, Tohoku and Tokyo, flow rates at all companies were below average. As a result, the flow rate across the nine companies was 94.6%.

(Unit : %)

	Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9 companies
Flow rates	101.7	111.9	102.3	95.7	99.3	90.4	71.1	69.5	71.8	94.6

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

By Company \ By Month	FY2006	Sep. 2006	Oct.	Nov.	Dec.	Jan. 2007	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.
Hokkaido	1.9	1.1	3.2	2.9	0.7	-1.1	1.2	3.7	1.7	2.8	4.8	0.8	-0.5	2.9
Tohoku	1.4	-0.3	3.8	3.3	-1.4	-2.6	-0.6	3.9	2.0	2.9	3.9	1.7	1.8	7.2
Tokyo	-0.2	-2.2	1.8	1.2	-2.6	-3.3	-2.6	1.2	2.3	2.6	2.6	-2.2	6.6	5.9
Chubu	1.4	-1.5	3.2	3.2	-3.0	-1.2	-0.7	1.9	1.6	3.5	2.8	-0.8	3.8	7.3
Hokuriku	0.9	-1.9	2.5	1.8	-4.9	-3.4	-3.0	1.6	0.3	2.0	2.0	-0.8	-0.3	7.7
Kansai	-0.1	-4.3	2.3	1.6	-4.9	-2.9	-2.9	-0.2	0.8	1.9	-0.7	-4.1	-0.7	10.0
Chugoku	2.6	-2.5	2.9	3.6	-1.2	2.9	0.5	4.0	2.1	0.5	1.2	-1.0	1.3	13.5
Shikoku	0.7	-2.4	2.2	1.4	-4.4	-0.7	-0.3	1.8	1.5	1.1	1.9	-2.1	1.2	13.9
Kyushu	1.6	-4.8	0.8	3.1	-3.9	1.5	-0.4	1.9	1.8	2.6	3.4	-1.3	1.9	15.3
9-Co. Total	0.7	-2.4	2.4	2.2	-3.0	-1.8	-1.6	1.7	1.7	2.4	2.2	-1.7	3.0	8.6
Okinawa	0.4	-2.6	-3.5	1.4	-0.2	0.8	-1.5	2.3	2.2	-3.5	0.0	3.3	-1.7	3.0
10-Co. Total	0.7	-2.4	2.3	2.2	-2.9	-1.8	-1.6	1.7	1.7	2.4	2.2	-1.6	3.0	8.5

## 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	278,588	632,428	1,182,254	785,256	439,074	1,154,180	307,248	164,476	384,187	5,327,691
Thermal	1,384,235		3,816,088	16,284,243	8,852,214	2,167,825	4,171,270	3,688,301	1,638,030	3,713,343	45,715,549	649,926	46,365,475
Nuclear	689,306		1,772,511	5,050,531	2,376,315	0	6,014,343	914,660	959,759	3,206,753	20,984,178		20,984,178
Others	0		0	0	0	0	0	0	0	0	0		0
Purchased	462,348		1,215,695	5,521,744	1,145,555	103,821	3,426,476	1,322,223	171,864	1,426,084	14,795,810	173,105	14,968,915
Pumped Storage	0		-24,303	-596,332	-178,111	-8,219	-248,339	-176,061	-30,381	-109,560	-1,371,306	-4,335	-1,375,641
Total	2,814,477		7,412,419	27,442,440	12,981,229	2,702,501	14,517,930	6,056,371	2,903,748	8,620,807	85,451,922	818,696	86,270,618
Year-on-Year Change (%)	102.9		107.2	105.9	107.3	107.7	110.0	113.5	113.9	115.3	108.6	103.0	108.5
Flow Rate (%)		101.7	111.9	102.3	95.7	99.3	90.4	71.1	69.5	71.8	94.6		94.6
Peak Load (1,000 kW)	Monthly Peak Load	21/19h 5,104	21/15h 14,410	21/15h 53,851	05/15h 26,532	21/15h 5,492	04/15h 29,347	06/15h 11,539	06/15h 5,797	19/17h 16,639	-	13/20h 1,419	-
	Average for 3 Peak Load Days	5,012	14,162	53,320	26,462	5,377	29,005	11,454	5,688	16,609	167,089	1,417	168,506

## 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	518,594	475,454	394,993	781,459	763,870		705,000	275,615	693,419	4,608,404
Consumed	345,178		535,179	360,416	885,159	631,969	32,417	617,302	281,885	620,932	4,310,437	168,861	4,479,298
Heavy oil (kl)	Purchased	79,111	53,771	632,794	1,317	28,960	17,063	80,534	42,149	77,120	1,012,819	21,093	1,033,912
	Consumed	82,893	51,372	603,412	1,683	32,655	23,533	82,514	112,795	91,401	1,082,258	25,506	1,107,764
Crude oil (kl)	Purchased	13,792	25,756	249,712	175,969	15,819	311,763	126,304	110,034	50,860	1,080,009		1,080,009
	Consumed	17,480	30,852	212,117	207,485	37,316	343,969	136,598	48,848	53,894	1,088,559		1,088,559
LNG (t)	Purchased		232,318	1,596,194	884,009		417,697	107,621		182,530	3,420,369		3,420,369
	Consumed		290,856	1,680,558	870,644		422,408	153,578		209,392	3,627,436		3,627,436
Naphtha (kl)	Purchased												
	Consumed			4,331							4,331		4,331