

## Electricity Generated and Purchased in September 2008 (Bulletin)

### 1. Nationwide Summary

Due mainly to lower cooling demand caused by lower September temperatures than last year, total electricity generated and purchased across the 10 companies in September 2008 decreased 3.8% from last year to 82.98 billion kWh.

#### (Breakdown)

##### Hydro

Hydroelectric generation decreased by 11.6% from last year to 4.71 billion kWh, due mainly to lower flow rates than a year earlier.

##### Thermal

Decreased amount of total electricity generated and purchased led to a 5.1% down in thermal power generation to 44.00 billion kWh.

##### Nuclear

The capacity factor was down from last year, resulting in a 4.5% decline in nuclear power generation to 20.04 billion kWh. Capacity factors in September 2008 and September 2007 were 59.6% and 62.2% respectively (Japan Atomic Power Company figures excluded).

### 1. Power Generated and 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 and Purchased (100 GWh)		821.6	829.8	-3.9	-3.8	-5.5	-5.4	9.6	9.5	-1.6	-1.5
Source	Hydro	47.1	47.1	-11.6	-11.6	-17.3	-17.3	-19.3	-19.3	13.5	13.5
	Thermal	433.4	440.0	-5.2	-5.1	-12.5	-12.3	25.8	25.3	-1.8	-1.7
	Nuclear	200.4	200.4	-4.5	-4.5	5.9	5.9	-5.3	-5.3	-10.1	-10.1
Purchased		148.9	150.6	0.6	0.6	-0.1	-0.0	3.1	3.1	5.9	6.0
Flow Rate		85.1		(same month of last year) 94.8		83.3		85.1		103.5	
Nuclear Capacity Factor (incl. JAPC)		60.5		(same month of last year) 61.7		71.4		63.1		53.6	

### 2. State of the Companies

Decreased cooling demand caused by lower September temperatures led to business results falling short of last year at all companies except Hokkaido.

#### [Flow Rates]

Flow rates were below average except Tohoku, Tokyo and Kyushu. As a result, the figure across the nine companies was 85.1%.

(Unit:%)

	Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9 Companies
Flow rates	54.4	107.3	102.4	75.9	83.0	73.8	57.1	67.5	106.6	85.1

### 2. Power Generated and Purchased Change by Company and Month (%)

By Company	By Month	FY2007	Sep. 2007	Oct.	Nov.	Dec.	Jan. 2008	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.
	Hokkaido	2.9	3.0	2.1	4.9	1.6	5.8	9.3	-1.4	-1.4	1.3	-0.2	3.9	-2.7	1.7
Tohoku	3.6	7.1	1.8	3.2	2.1	6.4	12.1	-1.7	0.0	1.5	-0.0	7.2	-4.8	-1.5	
Tokyo	3.3	5.6	1.0	2.9	1.6	4.9	12.5	-0.5	0.2	1.1	-3.1	9.3	-7.1	-1.8	
Chubu	3.5	7.3	3.3	2.8	1.8	4.6	13.1	-1.2	1.1	2.0	-1.8	9.5	-5.4	-4.9	
Hokuriku	3.3	8.0	3.5	4.0	1.9	5.0	14.4	-0.1	1.4	1.5	-1.4	12.3	-3.6	-3.3	
Kansai	2.2	9.9	0.8	1.7	1.0	5.1	13.6	-1.6	-0.1	2.0	-0.7	11.2	-5.2	-6.5	
Chugoku	3.8	13.4	4.6	4.5	2.3	4.2	13.5	0.6	1.1	2.2	1.3	11.2	-3.3	-4.5	
Shikoku	4.0	14.3	4.8	4.8	3.2	6.2	12.4	0.2	2.1	2.8	-0.3	11.2	-3.7	-7.4	
Kyushu	4.2	15.3	6.0	2.8	1.7	2.4	14.2	1.6	1.5	1.5	-2.5	9.6	-5.1	-5.8	
9-Co. Total	3.3	8.4	2.4	3.0	1.7	4.8	12.9	-0.6	0.5	1.6	-1.6	9.6	-5.5	-3.9	
Okinawa	1.3	3.7	5.8	-2.0	-0.8	0.5	10.0	-0.8	0.4	0.7	4.2	-1.1	0.4	-0.4	
10-Co. Total	3.3	8.4	2.4	3.0	1.7	4.8	12.9	-0.6	0.5	1.6	-1.5	9.5	-5.4	-3.8	

Remarks: Figures up to August 2008 are confirmed values.

1. Power Generated and Purchased Volume by Company and Source

FEPC

By Source \ By Company		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
		Volume of Power Generated and Purchased (MWh)	Hydro	173,242	647,472	1,058,394	659,037	344,697	887,273	225,718	154,114	560,965	4,710,912
	Thermal	1,880,660	4,062,770	14,819,029	8,365,556	1,851,145	4,647,415	3,594,425	1,185,305	2,935,881	43,342,186	654,941	43,997,127
	Nuclear	425,084	2,005,350	5,912,137	1,802,965	868,322	4,445,499	450,837	934,059	3,195,178	20,039,431		20,039,431
	Others	0	0	0	0	0	0	0	0	0	0		0
	Purchased	400,784	595,110	5,276,779	1,708,733	-441,160	3,662,789	1,631,577	458,265	1,594,600	14,887,477	171,639	15,059,116
	Pumped Storage	-17,618	-11,440	-188,064	-190,220	-3,583	-83,484	-122,250	-34,957	-169,703	-821,319	-6,019	-827,338
	Total	2,862,152	7,299,262	26,878,275	12,346,071	2,619,421	13,559,492	5,780,307	2,696,786	8,116,921	82,158,687	820,561	82,979,248
	Year-on-year Basis (%)	101.7	98.5	98.2	95.1	96.7	93.5	95.5	92.6	94.2	96.1	99.6	96.2
Flow Rate (%)		54.4	107.3	102.4	75.9	83.0	73.8	57.1	67.5	106.6	85.1		85.1
Peak Load (MkW)	Monthly Peak Load	22/19h 5,116	03/12h 13,836	03/15h 54,958	01/15h 24,843	02/12h 5,150	02/15h 27,662	01/15h 10,769	02/15h 5,112	05/15h 15,179	-	24/20h 1,437	-
	Average for 3 Peak Load Days	4,996	13,660	53,650	24,718	5,037	27,300	10,699	5,081	15,083	160,224	1,432	161,656

2. Fuel Use by Company and Type

By Fuel \ By Company		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	10-Co. Total
		Coal (ton)	Purchased	503,720	541,634	158,126	951,589	366,618	283,122	584,790	333,849	403,747	4,127,195
Consumed	497,339		653,348	214,766	882,649	586,295	208,148	545,685	233,980	522,259	4,344,469	197,044	4,541,513
Heavy Fuel Oil (kl)	Purchased	97,457	16,278	589,029		19,440	14,304	92,122	64,880	6,999	900,509	19,953	920,462
	Consumed	97,593	26,400	522,654	959	17,956	22,726	108,131	64,368	20,738	881,525	22,275	903,800
Crude Oil (kl)	Purchased	24,502	10,016	224,061	130,751	16,992	267,593	96,317	24,073	3,878	798,183		798,183
	Consumed	23,816	12,339	263,865	17,803	17,958	269,787	99,298	24,408	1,805	731,079		731,079
LNG (ton)	Purchased		350,161	1,688,462	821,837		489,136	207,031		123,626	3,680,253		3,680,253
	Consumed		300,374	1,528,600	888,143		462,300	153,913		198,241	3,531,571		3,531,571
Naphtha (kl)	Purchased												
	Consumed			1,639							1,639		1,639