

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

### 1. Nationwide Summary

Total electricity generated and purchased in August 2005 was up 3% across the ten companies to 90.27 billion kWh. The rise was due to increased demand for cooling caused by higher temperatures in August.

#### (Breakdown)

##### Hydro

Flow rates were above those of last year, leading to an increase in hydroelectric generation. 6.40 billion kWh were generated, up 10.1%.

##### Thermal

An overall rise in electricity generated and purchased led to a 0.8% increase in thermal generation. 44.46 billion kWh were generated.

##### Nuclear

The capacity utilization rate at all companies was up compared to last year, resulting in a 13.3% rise in nuclear power generation. 25.89 billion kWh were generated. Capacity utilization rates in August 2005 and August 2004 were 75.5% and 68.3% respectively (Japan Atomic Power Company figures excluded).

### 1. Power Generated & Purchased Overview

	This Month (August)				Year-on-Year Change (prev. 3 months; %)						
	Summary		Year-on-Year Change (%)		July		June		May		
	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)	893.8	902.7	3.1	3.0	-7.0	-6.9	0.5	0.5	-1.1	-1.2	
Source	Hydro	64.0	64.0	10.1	10.1	17.4	17.4	-31.1	-31.1	-27.9	-27.9
	Thermal	437.8	444.6	0.8	0.8	-13.3	-13.0	11.5	11.3	13.6	13.3
	Nuclear	258.9	258.9	13.3	13.3	0.8	0.8	3.3	3.3	-6.9	-6.9
Purchased	149.3	151.3	-6.6	-6.6	-9.1	-9.0	-15.6	-15.5	-5.9	-5.9	
Flow Rate	101.9		(rate same month last year) 93.1		100.6		77.4		88.5		
Nuclear Capacity Utilization Rate (incl. JAPC)	74.5		(rate same month last year) 70.2		75.8		72.4		67.0		

### 2. State of the Companies

With the exception of Kyushu, business results at all companies rose due to increased demand for cooling caused by higher temperatures in August.

#### [Flow Rates]

With the exception of Hokkaido, Tohoku, Tokyo and Hokuriku, flow rates at all companies were below average. As a result, the flow rate across the nine companies was 101.9%.

(Unit : %)

	Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9 companies
Flow rates	127.6	141.5	105.3	85.9	131.1	99.3	75.4	32.9	58.0	101.9

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

By Company	By Month	FY2004	Aug. 2004	Sep.	Oct.	Nov.	Dec.	Jan. 2005	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.
Hokkaido		2.2	3.0	1.3	0.6	1.3	3.2	3.0	1.5	3.6	2.9	2.7	0.9	-1.9	2.8
Tohoku		3.2	5.5	1.7	0.7	-0.3	1.2	3.0	3.1	4.7	2.2	1.5	2.8	-4.3	5.1
Tokyo		4.0	5.5	1.9	2.3	0.2	-0.5	1.9	3.7	2.7	1.5	-2.6	-1.9	-10.2	4.4
Chubu		3.6	3.7	0.6	2.1	2.3	-0.4	1.1	1.6	3.6	2.2	-0.4	1.4	-5.8	3.7
Hokuriku		5.8	9.3	3.4	3.3	4.3	2.9	5.5	5.3	8.2	2.9	3.1	4.3	-3.7	2.5
Kansai		3.2	1.3	-0.8	3.0	1.5	-0.8	1.1	1.7	3.5	2.3	-2.8	0.3	-7.2	2.1
Chugoku		4.7	4.8	-0.9	3.6	3.7	1.8	3.8	4.0	6.3	3.9	-0.6	2.6	-5.6	1.0
Shikoku		3.5	3.4	-1.3	2.6	1.4	-0.2	1.3	3.1	5.6	2.7	1.5	4.3	-5.8	2.1
Kyushu		3.7	5.9	-4.0	2.0	2.2	-1.4	2.9	4.9	6.4	2.4	-0.4	2.4	-4.0	-0.2
9-Co. Total		3.7	4.4	0.4	2.3	1.3	-0.1	2.1	3.1	4.0	2.2	-1.1	0.5	-7.0	3.1
Okinawa		0.1	-1.3	-3.4	-0.5	-2.0	3.8	1.3	-1.2	2.5	-1.5	-4.9	-0.6	2.7	1.1
10-Co. Total		3.7	4.4	0.3	2.3	1.3	0.0	2.1	3.0	4.0	2.1	-1.2	0.5	-6.9	3.0

## 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)											
Vol. of Power Generated & Purchased (1,000 kWh)	Hydro	372,283	949,386	1,262,998	862,613	664,007	1,629,505	257,982	114,624	283,528	6,396,926		6,396,926
	Thermal	1,599,863	4,801,768	15,976,981	8,102,757	1,557,571	3,723,850	3,191,457	1,284,157	3,540,738	43,779,142	684,842	44,463,984
	Nuclear	491,373	1,418,668	8,638,618	2,709,551	698,538	5,944,195	947,553	1,514,246	3,532,014	25,894,756		25,894,756
	Others	0	0	0	0	0	0	0	0	0	0		0
	Purchased	413,044	598,680	4,532,433	1,505,772	-155,965	4,663,522	1,755,944	130,056	1,481,986	14,925,472	202,138	15,127,610
	Pumped Storage	-6,341	-31,262	-475,820	-276,037	-2,738	-596,816	-99,399	-71,089	-53,754	-1,613,256	-4,016	-1,617,272
	Total	2,870,222	7,737,240	29,935,210	12,904,656	2,761,413	15,364,256	6,053,537	2,971,994	8,784,512	89,383,040	882,964	90,266,004
	Year-on-Year Change (%)	102.8	105.1	104.4	103.7	102.5	102.1	101.0	102.1	99.8	103.1	101.1	103.0
Flow Rate (%)		127.6	141.5	105.3	85.9	131.1	99.3	75.4	32.9	58.0	101.9		101.9
Peak Load (1,000 kW)	Monthly Peak Load	05/15h 4,913	05/15h 15,200	05/15h 60,118	05/14h 26,680	04/15h 5,486	05/15h 30,870	19/15h 11,500	10/14h 5,542	05/16h 16,489		02/17h 1,466	-
	Average for 3 Peak Load Days	4,815	14,801	58,917	26,339	5,472	30,283	11,442	5,521	16,422	174,012	1,459	175,471

## 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)											
Coal (t)	Purchased	517,892	857,309	391,575	1,005,250	695,111	227,167	638,097	153,719	488,372	4,974,492	220,250	5,194,742
	Consumed	422,171	777,503	382,874	968,156	517,479	210,263	617,199	259,058	528,185	4,682,888	176,768	4,859,656
Heavy oil (kl)	Purchased	77,859	90,514	557,843	772	9,537	16,103	106,055	67,060	15,012	940,755	36,798	977,553
	Consumed	84,141	87,861	626,027	10,792	9,441	7,977	117,549	64,622	20,069	1,028,479	32,990	1,061,469
Crude oil (kl)	Purchased		83,680	222,062	30,330	8,572	71,005	52,240	27,031	44,159	539,079		539,079
	Consumed	4,784	64,111	264,321	55,303	10,526	59,032	51,066	26,287	43,412	578,842		578,842
LNG (t)	Purchased		286,933	1,826,488	766,659		520,195	102,992		307,411	3,810,678		3,810,678
	Consumed		274,915	1,564,774	780,218		476,819	106,958		261,182	3,464,866		3,464,866
Naphtha (kl)	Purchased			150							150		150
	Consumed			14,834							14,834		14,834