

Electricity Generated and Purchased in July 2008 (Bulletin)

1. Nationwide Summary

Due mainly to higher cooling demand caused by higher July temperatures than last year, in addition to higher large industrial user demand, total electricity generated and purchased across the 10 companies in July 2008 increased 9.5% from last year to 94.12 billion kWh.

(Breakdown)

Hydro
Hydroelectric generation decreased by 19.5% from last year to 5.98 billion kWh, due mainly to lower flow rates than a year earlier.

Thermal
Reduced use of hydroelectric power generation as well as increased amount of total electricity generated and purchased led to a 25.3% rise in thermal power generation to 50.61 billion kWh.

Nuclear
The capacity factor was down from last year, resulting in a 5.3% decline in nuclear power generation to 22.45 billion kWh. Capacity factors in fiscal 2008 and fiscal 2007 were 64.6% and 68.0% respectively (Japan Atomic Power Company figures excluded).

1. Power Generated & Purchased Overview

	This Month (July)				Year-on-Year Change (prev. 3 months; %)						
	Summary		Year-on-Year Change (%)		June		May		April		
	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)	932.1	941.2	9.6	9.5	-1.6	-1.5	1.6	1.6	0.5	0.5	
Source	Hydro	59.8	59.8	-19.5	-19.5	13.5	13.5	9.5	9.5	19.5	19.5
	Thermal	498.8	506.1	25.8	25.3	-1.8	-1.7	10.1	10.0	9.3	9.2
	Nuclear	224.5	224.5	-5.3	-5.3	-10.1	-10.1	-11.4	-11.4	-22.0	-22.0
Purchased	160.4	162.3	3.0	2.9	5.9	6.0	-6.6	-6.5	4.3	4.4	
Flow Rate	84.7		(rate same month last year) 109.2		103.5		88.7		93.1		
Nuclear Capacity Factor (incl. JAPC)	63.1		(rate same month last year) 69.0		53.6		51.1		49.1		

2. State of the Companies

Higher large industrial user demand as well as increased cooling demand caused by higher July temperatures led to business results surpassing last year at all companies except Okinawa.

[Flow Rates]

Flow rates were below average without exception. As a result, the figure across the nine companies was 84.7%.

(Unit : %)

	Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9 companies
Flow rates	94.8	75.3	97.2	91.0	83.3	88.7	54.8	60.3	77.0	84.7

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

By Company	By Month	FY2007	Jul. 2007	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2008	Feb.	Mar.	Apr.	May	Jun.	Jul.
	Hokkaido	2.9	0.8	-0.5	3.0	2.1	4.9	1.6	5.8	9.3	-1.4	-1.4	1.3	-0.2	3.8
Tohoku	3.6	1.7	1.8	7.1	1.8	3.2	2.1	6.4	12.1	-1.7	0.0	1.5	-0.0	7.3	
Tokyo	3.3	-2.2	6.6	5.6	1.0	2.9	1.6	4.9	12.5	-0.5	0.2	1.1	-3.1	9.6	
Chubu	3.5	-0.8	3.8	7.3	3.3	2.8	1.8	4.6	13.1	-1.2	1.1	2.0	-1.8	9.5	
Hokuriku	3.3	-0.8	-0.3	8.0	3.5	4.0	1.9	5.0	14.4	-0.1	1.4	1.5	-1.4	12.1	
Kansai	2.2	-4.1	-0.7	9.9	0.8	1.7	1.0	5.1	13.6	-1.6	-0.1	2.0	-0.7	11.1	
Chugoku	3.8	-1.0	1.3	13.4	4.6	4.5	2.3	4.2	13.5	0.6	1.1	2.2	1.3	11.0	
Shikoku	4.0	-2.1	1.2	14.3	4.8	4.8	3.2	6.2	12.4	0.2	2.1	2.8	-0.3	10.9	
Kyushu	4.2	-1.3	1.9	15.3	6.0	2.8	1.7	2.4	14.2	1.6	1.5	1.5	-2.5	9.7	
9-Co. Total	3.3	-1.7	3.0	8.4	2.4	3.0	1.7	4.8	12.9	-0.6	0.5	1.6	-1.6	9.6	
Okinawa	1.3	3.3	-1.7	3.7	5.8	-2.0	-0.8	0.5	10.0	-0.8	0.4	0.7	4.2	-1.6	
10-Co. Total	3.3	-1.6	3.0	8.4	2.4	3.0	1.7	4.8	12.9	-0.6	0.5	1.6	-1.5	9.5	

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
		Hydro	299,713	609,386	1,123,769	919,484	527,991	1,476,456	325,080	202,737	496,836	5,981,452	
Thermal	1,858,627	4,382,246	17,225,163	9,355,514	2,056,282	6,262,853	3,618,596	1,228,514	3,894,558	49,882,353	723,519	50,605,872	
Nuclear	439,496	1,587,317	6,489,678	2,639,706	897,264	4,395,032	945,524	1,526,240	3,526,209	22,446,466		22,446,466	
Others	0	0	0	0	0	0	0	0	0	0		0	
Purchased	319,933	1,342,491	5,582,039	1,321,256	-514,837	4,022,677	1,906,743	258,305	1,799,511	16,038,118	191,512	16,229,630	
Pumped Storage	-685	-9,569	-280,385	-206,996	-10,601	-209,585	-212,492	-55,572	-155,625	-1,141,510	-5,391	-1,146,901	
Total	2,917,084	7,911,871	30,140,264	14,028,964	2,956,099	15,947,433	6,583,451	3,160,224	9,561,489	93,206,879	909,640	94,116,519	
Year-on-Year Change (%)	103.8	107.3	109.6	109.5	112.1	111.1	111.0	110.9	109.7	109.6	98.4	109.5	
Flow Rate (%)	94.8	75.3	97.2	91.0	83.3	88.7	54.8	60.3	77.0	84.7		84.7	
Peak Load (1,000 kW)	Monthly Peak Load	24/17h 4,639	23/15h 14,278	25/15h 60,079	25/15h 28,032	23/15h 5,691	25/15h 30,820	25/15h 11,992	28/15h 5,921	25/15h 17,503	-	08/15h 1,484	-
	Average for 3 Peak Load Days	4,604	14,132	58,559	27,615	5,654	30,541	11,898	5,840	17,436	176,279	1,490	177,769

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	317,964	693,816	212,588	928,317	545,960	223,528	495,230	191,866	457,291	4,066,560
	Consumed	501,249	720,771	383,552	1,039,903	602,220	220,434	481,078	232,953	652,178	4,834,338	200,166	5,034,504
Heavy oil (kl)	Purchased	86,681	46,543	580,980	20	53,738	45,322	81,895	41,744	28,024	964,947	40,066	1,005,013
	Consumed	90,468	48,639	577,193	10,592	41,663	63,866	103,158	65,674	43,090	1,044,343	33,068	1,077,411
Crude oil (kl)	Purchased	27,491	41,328	289,904	60,603	38,338	463,451	97,319	29,141	16,124	1,063,699		1,063,699
	Consumed	30,399	29,045	299,501	150,702	33,001	446,074	137,176	33,063	26,621	1,185,582		1,185,582
LNG (t)	Purchased		358,472	2,032,952	820,706		386,248	202,337		216,656	4,017,371		4,017,371
	Consumed		286,125	1,751,500	874,253		567,844	167,320		267,757	3,914,799		3,914,799
Naphtha (kl)	Purchased												
	Consumed												