

Electricity Generated and Purchased in August 2008 (Bulletin)

1. Nationwide Summary

Due mainly to lower cooling demand caused by lower August temperatures than last year, total electricity generated and purchased across the 10 companies in August 2008 decreased 5.5% from last year to 90.93 billion kWh.

(Breakdown)

Hydro

Hydroelectric generation decreased by 17.3% from last year to 4.98 billion kWh, due mainly to lower flow rates than a year earlier.

Thermal

Increased use of nuclear power generation as well as decreased amount of total electricity generated and purchased led to a 12.3% down in thermal power generation to 45.91 billion kWh.

Nuclear

The capacity factor was up from last year, resulting in a 5.9% increase in nuclear power generation to 24.48 billion kWh. Capacity factors in August 2008 and August 2007 were 70.4% and 66.3% 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)	900.5	909.3	-5.5	-5.5	9.6	9.5	-1.6	-1.5	1.6	1.6	
Source	Hydro	49.8	49.8	-17.3	-17.3	-19.3	-19.3	13.5	13.5	9.5	9.5
	Thermal	452.1	459.1	-12.5	-12.3	25.8	25.3	-1.8	-1.7	10.1	10.0
	Nuclear	244.8	244.8	5.9	5.9	-5.3	-5.3	-10.1	-10.1	-11.4	-11.4
Purchased	165.8	167.7	-0.3	-0.3	3.1	3.1	5.9	6.0	-6.6	-6.5	
Flow Rate	83.1		(rate same month last year) 90.5		85.1		103.5		88.7		
Nuclear Capacity Factor (incl. JAPC)	71.4		(rate same month last year) 66.9		63.1		53.6		51.1		

2. State of the Companies

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

[Flow Rates]

Flow rates were below average except Tohoku. As a result, the figure across the nine companies was 83.1%.

(Unit : %)

	Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9 companies
Flow rates	84.7	105.7	96.1	66.9	97.0	79.5	55.1	33.5	77.6	83.1

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

By Company	By Month	FY2007	Aug. 2007	Sep.	Oct.	Nov.	Dec.	Jan. 2008	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.
Hokkaido		2.9	-0.5	3.0	2.1	4.9	1.6	5.8	9.3	-1.4	-1.4	1.3	-0.2	3.9	-2.7
Tohoku		3.6	1.8	7.1	1.8	3.2	2.1	6.4	12.1	-1.7	0.0	1.5	-0.0	7.2	-4.7
Tokyo		3.3	6.6	5.6	1.0	2.9	1.6	4.9	12.5	-0.5	0.2	1.1	-3.1	9.3	-7.0
Chubu		3.5	3.8	7.3	3.3	2.8	1.8	4.6	13.1	-1.2	1.1	2.0	-1.8	9.5	-5.4
Hokuriku		3.3	-0.3	8.0	3.5	4.0	1.9	5.0	14.4	-0.1	1.4	1.5	-1.4	12.3	-3.8
Kansai		2.2	-0.7	9.9	0.8	1.7	1.0	5.1	13.6	-1.6	-0.1	2.0	-0.7	11.2	-4.9
Chugoku		3.8	1.3	13.4	4.6	4.5	2.3	4.2	13.5	0.6	1.1	2.2	1.3	11.2	-3.7
Shikoku		4.0	1.2	14.3	4.8	4.8	3.2	6.2	12.4	0.2	2.1	2.8	-0.3	11.2	-4.0
Kyushu		4.2	1.9	15.3	6.0	2.8	1.7	2.4	14.2	1.6	1.5	1.5	-2.5	9.6	-5.1
9-Co. Total		3.3	3.0	8.4	2.4	3.0	1.7	4.8	12.9	-0.6	0.5	1.6	-1.6	9.6	-5.5
Okinawa		1.3	-1.7	3.7	5.8	-2.0	-0.8	0.5	10.0	-0.8	0.4	0.7	4.2	-1.1	-0.1
10-Co. Total		3.3	3.0	8.4	2.4	3.0	1.7	4.8	12.9	-0.6	0.5	1.6	-1.5	9.5	-5.5

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	269,879	660,271	1,036,284	625,304	478,255	1,075,631	282,280	107,344	446,715	4,981,963
Thermal	1,703,519		3,953,625	16,378,975	8,543,027	1,857,250	4,473,334	3,447,559	1,251,436	3,599,991	45,208,716	704,998	45,913,714
Nuclear	478,551		2,072,480	6,596,103	2,477,590	897,264	6,092,380	939,872	1,510,967	3,412,926	24,478,133		24,478,133
Others	0		0	0	0	0	0	0	0	0	0		0
Purchased	438,942		1,049,407	5,711,077	1,817,083	-393,515	3,973,009	1,898,333	270,727	1,817,130	16,582,193	184,052	16,766,245
Pumped Storage	-915		-15,550	-271,540	-201,409	-9,846	-241,557	-207,204	-62,392	-191,638	-1,202,051	-4,833	-1,206,884
Total	2,889,976		7,720,233	29,450,899	13,261,595	2,829,408	15,372,797	6,360,840	3,078,082	9,085,124	90,048,954	884,217	90,933,171
Year-on-Year Change (%)	97.3		95.3	93.0	94.6	96.2	95.1	96.3	96.0	94.9	94.5	99.9	94.5
Flow Rate (%)		84.7	105.7	96.1	66.9	97.0	79.5	55.1	33.5	77.6	83.1		83.1
Peak Load (1,000 kW)	Monthly Peak Load	07/12h 4,854	07/15h 14,738	08/15h 60,891	05/15h 28,214	08/15h 5,634	05/15h 30,835	01/15h 12,012	04/15h 5,988	01/15h 17,714	-	04/16h 1,464	-
	Average for 3 Peak Load Days	4,838	14,610	60,351	27,938	5,535	30,582	11,963	5,924	17,322	179,063	1,463	180,526

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	638,811	694,234	392,559	718,928	607,992	148,982	568,465	270,111	591,710	4,631,792
Consumed	491,904		728,831	386,223	922,705	605,084	202,355	581,938	215,645	652,282	4,786,967	198,288	4,985,255
Heavy oil (kl)	Purchased	118,920	19,267	643,217		20,197	20,548	119,602	97,118	40,971	1,079,840	39,522	1,119,362
	Consumed	71,690	14,877	576,504	387	13,607	31,373	104,678	74,749	27,940	915,805	29,436	945,241
Crude oil (kl)	Purchased	19,991		324,689	130,885	14,278	312,028	126,373	45,076	45,229	1,018,549		1,018,549
	Consumed	19,176	3,063	209,626	186,207	13,648	285,526	84,317	40,026	34,586	876,175		876,175
LNG (t)	Purchased		293,580	1,776,577	926,246		515,128	108,090		296,123	3,915,744		3,915,744
	Consumed		257,908	1,672,576	771,647		423,099	152,184		226,237	3,503,651		3,503,651
Naphtha (kl)	Purchased												
	Consumed												