

Electricity Generated and Purchased in November 2008 (Bulletin)

1. Nationwide Summary

Due mainly to less large industrial user demand than last year, total electricity generated and purchased across the 10 companies in November 2008 decreased 1.8% from last year to 77.17 billion kWh.

(Breakdown)

Hydro

Hydroelectric generation decreased by 15.2% from last year to 2.79 billion kWh, due mainly to lower flow rates than a year earlier.

Thermal

Thermal power generation declined by 4.3% from last year to 41.95 billion kWh due mainly to decreased amount of total electricity generated and purchased.

Nuclear

The capacity factor was up from last year, resulting in a 3.5% increase in nuclear power generation to 19.77 billion kWh. Capacity factors in November 2008 and November 2007 were 58.8% and 56.6% respectively (Japan Atomic Power Company figures excluded).

1. Power Generated and Purchased Overview

		This Month (November)				Year-on-year Change (Prev. 3 months; %)					
		Summary		Year-on-year Change (%)		October		September		August	
		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)		765.4	771.7	-1.9	-1.8	-0.7	-0.7	-3.8	-3.7	-5.5	-5.4
Source	Hydro	27.9	27.9	-15.2	-15.2	-9.5	-9.5	-11.3	-11.3	-17.3	-17.3
	Thermal	414.0	419.5	-4.6	-4.3	-3.7	-3.7	-5.2	-5.1	-12.5	-12.3
	Nuclear	197.7	197.7	3.5	3.5	0.5	0.5	-4.5	-4.5	5.9	5.9
Purchased		129.3	130.2	-0.7	-1.2	6.7	6.7	1.1	1.0	-0.1	-0.0
Flow Rate		73.2		(same month of last year) 86.0		76.9		85.5		83.3	
Nuclear Capacity Factor (incl. JAPC)		58.1		(same month of last year) 56.6		56.9		60.5		71.4	

2. State of the Companies

Business results fell short of last year at all companies except Kyushu and Okinawa due principally to decreased large industrial user demand from a year ago.

[Flow Rates]

Flow rates were below average except Shikoku and Kyushu. As a result, the figure across the nine companies was 73.2%.

(Unit:%)

	Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9 Companies
Flow rates	61.8	80.1	69.6	66.6	62.9	75.9	52.9	113.6	100.6	73.2

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

By Company	By Month	FY2007	Nov. 2007	Dec.	Jan. 2008	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.
	Hokkaido		2.9	4.9	1.6	5.8	9.3	-1.4	-1.4	1.3	-0.2	3.9	-2.7	1.7	0.7
Tohoku		3.6	3.2	2.1	6.4	12.1	-1.7	0.0	1.5	-0.0	7.2	-4.8	-1.5	1.0	-1.9
Tokyo		3.3	2.9	1.6	4.9	12.5	-0.5	0.2	1.1	-3.1	9.4	-7.1	-1.9	0.2	-1.8
Chubu		3.5	2.8	1.8	4.6	13.1	-1.2	1.1	2.0	-1.8	9.5	-5.4	-4.8	-2.0	-5.1
Hokuriku		3.3	4.0	1.9	5.0	14.4	-0.1	1.4	1.5	-1.4	12.3	-3.6	-3.2	-0.3	-2.2
Kansai		2.2	1.7	1.0	5.1	13.6	-1.6	-0.1	2.0	-0.7	11.2	-5.2	-6.5	-0.3	-0.6
Chugoku		3.8	4.5	2.3	4.2	13.5	0.6	1.1	2.2	1.3	11.2	-3.3	-4.4	-1.9	-2.9
Shikoku		4.0	4.8	3.2	6.2	12.4	0.2	2.1	2.8	-0.3	11.2	-3.7	-7.1	-3.2	-0.8
Kyushu		4.2	2.8	1.7	2.4	14.2	1.6	1.5	1.5	-2.5	9.6	-5.1	-5.8	-3.1	1.1
9-Co. Total		3.3	3.0	1.7	4.8	12.9	-0.6	0.5	1.6	-1.6	9.6	-5.5	-3.8	-0.7	-1.9
Okinawa		1.3	-2.0	-0.8	0.5	10.0	-0.8	0.4	0.7	4.2	-1.1	0.4	0.1	-0.4	2.5
10-Co. Total		3.3	3.0	1.7	4.8	12.9	-0.6	0.5	1.6	-1.5	9.5	-5.4	-3.7	-0.7	-1.8

Remarks: Figures up to October 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	153,244	491,845	509,603	368,991	236,653	566,236	97,026	116,229	254,382	2,794,209		2,794,209
	Thermal	1,921,976	4,136,968	15,019,817	7,988,124	1,984,220	3,969,535	3,167,920	955,911	2,258,358	41,402,829	545,816	41,948,645
	Nuclear	427,793	1,901,541	4,788,984	1,638,901	868,324	5,156,377	338,041	1,283,077	3,363,609	19,766,647		19,766,647
	Others	0	0	0	0	0	0	0	0	0	0		0
	Purchased	531,076	820,263	4,599,761	1,245,050	-515,333	2,809,691	1,784,083	169,601	1,481,330	12,925,522	90,724	13,016,246
	Pumped Storage	-1,688	-3,452	-98,061	-48,990	-926	-100,059	-32,403	-15,226	-48,682	-349,487	-2,043	-351,530
	Total	3,032,401	7,347,165	24,820,104	11,192,076	2,572,938	12,401,780	5,354,667	2,509,592	7,308,997	76,539,720	634,497	77,174,217
	Year-on-year Basis (%)	99.8	98.1	98.2	94.9	97.8	99.4	97.1	99.2	101.1	98.1	102.5	98.2
Flow Rate (%)		61.8	80.1	69.6	66.6	62.9	75.9	52.9	113.6	100.6	73.2		73.2
Peak Load (MkW)	Monthly Peak Load	20/18h 5,295	20/18h 13,353	27/18h 47,533	27/11h 21,236	20/11h 4,791	20/18h 23,044	19/19h 9,425	19/19h 4,588	19/19h 13,712	-	07/19h 1,279	-
	Average for 3 Peak Load Days	5,251	13,193	45,885	20,964	4,731	22,952	9,302	4,548	13,499	140,325	1,257	141,582

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	432,277	481,534	140,668	825,472	490,081	237,969	628,438	377,528	308,090	3,922,057	164,928	4,086,985
	Consumed	508,910	536,786	139,692	695,056	537,031	204,790	562,870	261,829	359,960	3,806,924	154,673	3,961,597
Heavy Fuel Oil (kl)	Purchased	137,019	75,294	457,292		28,032	23,681	106,076	17,020		844,414	18,358	862,772
	Consumed	122,561	67,308	518,676	662	55,410	13,400	98,233	15,905	6,502	898,657	27,808	926,465
Crude Oil (kl)	Purchased		14,991	151,906	41,898	47,397	218,639	92,292	2,025	22,097	591,245		591,245
	Consumed		28,068	124,212	96,453	46,874	215,321	93,917	3,927	6,459	615,231		615,231
LNG (ton)	Purchased		239,836	1,404,084	859,714		303,459	26,861		147,973	2,981,927		2,981,927
	Consumed		309,009	1,592,789	962,629		389,093	100,098		161,041	3,514,659		3,514,659
Naphtha (kl)	Purchased												
	Consumed												