

Electricity Generated and Purchased in December 2007 (Bulletin)

1. Nationwide Summary

Total electricity generated and purchased in December 2007 saw an increase of 1.7% due to increased demand from large industrial users. 87.13 billion kWh were generated.

(Breakdown)

Hydro

Flow rates were below those of last year, leading to a decline in hydroelectric generation. 3.57 billion kWh were generated, down 17.9%.

Thermal

An overall increase in electricity generated and purchased, coupled with decreased use of nuclear power generation, led to a 13.1% increase in thermal power generation. 48.65 billion kWh were generated.

Nuclear

The capacity factor was down compared to last year, resulting in an 16.9% decline in nuclear power generation. 20.60 billion kWh were generated. Capacity factors in December 2007 and December 2006 were 59.1% and 71.0% respectively (Japan Atomic Power Company figures excluded).

1. Power Generated & Purchased Overview

	This Month (December)				Year-on-Year Change (prev. 3 months; %)						
	Summary		Year-on-Year Change (%)		November		October		September		
	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)	865.2	871.3	1.7	1.7	3.0	3.0	2.4	2.4	8.4	8.4	
Source	Hydro	35.7	35.7	-17.9	-17.9	-10.1	-10.1	-6.5	-6.5	0.7	0.7
	Thermal	481.6	486.5	13.3	13.1	10.2	9.8	8.7	8.7	20.6	20.3
	Nuclear	206.0	206.0	-16.9	-16.9	-11.9	-11.9	-8.7	-8.7	-8.1	-8.1
Purchased	149.1	150.4	6.2	6.4	11.4	12.0	5.9	6.0	6.4	6.4	
Flow Rate	85.9		(rate same month last year) 104.3		86.0		86.1		94.8		
Nuclear Capacity Utilization Rate (incl. JAPC)	58.9		(rate same month last year) 70.3		56.6		56.3		61.7		

2. State of the Companies

With the exception of Okinawa, business results at all companies rose due to increased demand from large industrial users.

[Flow Rates]

Flow rates at all companies were below average. As a result, the flow rate across the nine companies was 85.9%.

(Unit : %)

	Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9 companies
Flow rates	77.7	90.4	92.6	76.9	98.6	95.1	54.8	38.2	73.4	85.9

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

By Company	By Month	FY2006	Dec. 2006	Jan. 2007	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
	Hokkaido	1.9	0.7	-1.1	1.2	3.7	1.7	2.8	4.8	0.8	-0.5	3.0	2.1	4.9	1.8
Tohoku	1.4	-1.4	-2.6	-0.6	3.9	2.0	2.9	3.9	1.7	1.8	7.1	1.8	3.2	2.2	
Tokyo	-0.2	-2.6	-3.3	-2.6	1.2	2.3	2.6	2.6	-2.2	6.6	5.6	1.0	2.9	1.9	
Chubu	1.4	-3.0	-1.2	-0.7	1.9	1.6	3.5	2.8	-0.8	3.8	7.3	3.3	2.8	1.9	
Hokuriku	0.9	-4.9	-3.4	-3.0	1.6	0.3	2.0	2.0	-0.8	-0.3	8.0	3.5	4.0	1.6	
Kansai	-0.1	-4.9	-2.9	-2.9	-0.2	0.8	1.9	-0.7	-4.1	-0.7	9.9	0.8	1.7	1.0	
Chugoku	2.6	-1.2	2.9	0.5	4.0	2.1	0.5	1.2	-1.0	1.3	13.4	4.6	4.5	1.9	
Shikoku	0.7	-4.4	-0.7	-0.3	1.8	1.5	1.1	1.9	-2.1	1.2	14.3	4.8	4.8	2.9	
Kyushu	1.6	-3.9	1.5	-0.4	1.9	1.8	2.6	3.4	-1.3	1.9	15.3	6.0	2.8	1.6	
9-Co. Total	0.7	-3.0	-1.8	-1.6	1.7	1.7	2.4	2.2	-1.7	3.0	8.4	2.4	3.0	1.7	
Okinawa	0.4	-0.2	0.8	-1.5	2.3	2.2	-3.5	0.0	3.3	-1.7	3.7	5.8	-2.0	-1.6	
10-Co. Total	0.7	-2.9	-1.8	-1.6	1.7	1.7	2.4	2.2	-1.6	3.0	8.4	2.4	3.0	1.7	

1. Power Generated & Purchased Volume by Co. & Source

		By Company											10-Co. Total
		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	
By Source													
Vol. of Power Generated & Purchased (1,000 kWh)	Hydro	166,344	596,344	722,106	450,850	395,009	919,235	117,566	38,183	165,284	3,570,921		3,570,921
	Thermal	1,906,133	4,804,701	17,970,188	8,785,452	2,406,039	4,461,530	3,658,127	1,290,789	2,879,912	48,162,871	489,110	48,651,981
	Nuclear	883,488	1,381,140	4,992,639	2,532,256	0	5,037,495	664,550	1,536,352	3,572,898	20,600,818		20,600,818
	Others	0	0	0	0	0	0	0	0	0	0		0
	Purchased	449,442	1,537,186	4,776,525	1,204,174	63,275	3,707,148	1,660,394	-17,758	1,534,197	14,914,583	121,926	15,036,509
	Pumped Storage	-913	-1,109	-316,118	-147,594	-90	-214,237	-19,328	0	-30,112	-729,501	-1,787	-731,288
	Total	3,404,494	8,318,262	28,145,340	12,825,138	2,864,233	13,911,171	6,081,309	2,847,566	8,122,179	86,519,692	609,249	87,128,941
	Year-on-Year Change (%)	101.8	102.2	101.9	101.9	101.6	101.0	101.9	102.9	101.6	101.7	98.4	101.7
Flow Rate (%)		77.7	90.4	92.6	76.9	98.6	95.1	54.8	38.2	73.4	85.9		85.9
Peak Load (1,000 kW)	Monthly Peak Load	17/18h 5,453	18/18h 14,043	19/18h 50,323	18/18h 23,089	18/11h 4,831	17/18h 24,114	04/19h 9,928	17/19h 4,720	19/19h 13,779	-	12/19h 1,056	-
	Average for 3 Peak Load Days	5,447	13,957	49,929	23,037	4,819	23,975	9,869	4,675	13,718	149,426	1,044	150,470

2. Fuel Use by Co. & Type

		By Company											10-Co. Total
		Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9-Co. Total	Okinawa	
By Fuel													
Coal (t)	Purchased	431,847	687,536	400,474	916,725	618,481	216,251	433,353	413,194	524,018	4,641,879	159,262	4,801,141
	Consumed	511,746	664,596	347,469	896,410	657,250	125,641	670,882	273,384	562,716	4,710,094	137,425	4,847,519
Heavy oil (kl)	Purchased	77,695	102,236	776,695		85,444	3,551	100,056	82,305	15,981	1,243,963	20,561	1,264,524
	Consumed	87,891	110,540	738,816	218	68,018	11,280	105,928	69,928	13,731	1,206,350	20,969	1,227,319
Crude oil (kl)	Purchased	27,478	44,928	307,212	237,892	68,422	435,226	132,106	12,987	7,058	1,273,309		1,273,309
	Consumed	27,514	35,588	432,581	217,788	37,408	405,241	124,466	8,825	14,791	1,304,202		1,304,202
LNG (t)	Purchased		298,255	1,734,217	783,582		446,272	144,468		93,001	3,499,795		3,499,795
	Consumed		314,065	1,670,132	801,481		380,343	107,550		166,103	3,439,674		3,439,674
Naphtha (kl)	Purchased												
	Consumed			5,387							5,387		5,387