

## Electricity Generated and Purchased in July 2006 (Bulletin)

### 1. Nationwide Summary

Total electricity generated and purchased in July 2006 was up 1.2% across the ten companies to 87.3 billion kWh. The rise was due to increased large industrial user demand that came despite decreased demand for cooling caused by lower temperatures in July.

#### (Breakdown)

**Hydro**  
Flow rates were above those of last year, leading to an increase in hydroelectric generation. 8.0 billion kWh were generated, up 12.5%.

**Thermal**  
Increased use of hydroelectric power led to a 1.4% decline in thermal power generation. 39.34 billion kWh were generated.

**Nuclear**  
Despite a year-on-year decline in the capacity utilization, nuclear power generation rose by 1.1% due primarily to a nuclear power plant that was newly brought online. 26.03 billion kWh were generated. Capacity utilization rates in July 2006 and July 2005 were 74.5% and 77.0% 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)	864.1	873.0	1.2	1.2	-0.3	-0.2	3.6	3.6	3.8	3.8	
Source	Hydro	80.0	80.0	12.5	12.5	34.7	34.7	26.1	26.1	2.5	2.5
	Thermal	386.3	393.4	-1.4	-1.4	-7.1	-6.9	-1.9	-1.8	-1.6	-1.6
	Nuclear	260.3	260.3	1.1	1.1	-1.0	-1.0	5.3	5.3	12.3	12.3
Purchased	151.2	153.0	1.8	1.7	5.6	5.5	2.7	2.8	2.8	2.7	
Flow Rate	120.3		(rate same month last year) 100.6		105.7		114.2		101.5		
Nuclear Capacity Utilization Rate (incl. JAPC)	74.6		(rate same month last year) 75.8		69.9		67.4		72.3		

### 2. State of the Companies

With the exception of Okinawa, business results at all companies rose due to increased large industrial user demand that came despite decreased demand for cooling caused by lower temperatures in July.

#### [Flow Rates]

Flow rates at all companies were above average. As a result, the flow rate across the nine companies was 120.3%.

(Unit : %)

	Hokkaido	Tohoku	Tokyo	Chubu	Hokuriku	Kansai	Chugoku	Shikoku	Kyushu	9 companies
Flow rates	112.7	139.1	105.1	106.3	116.1	120.0	154.9	125.2	130.6	120.3

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

By Company	By Month	FY2005	Jul. 2005	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2006	Feb.	Mar.	Apr.	May.	Jun.	Jul.
	Hokkaido	1.7	-1.9	2.7	2.1	0.7	1.6	3.6	4.5	0.9	-0.4	3.4	1.2	1.0	2.1
Tohoku	2.9	-4.3	5.2	2.7	2.0	5.9	11.0	4.8	0.3	0.5	4.7	3.1	0.0	1.3	
Tokyo	0.5	-10.2	4.4	-0.2	0.6	3.2	9.2	4.5	0.5	-1.2	2.4	3.2	-0.7	1.1	
Chubu	3.0	-5.8	3.6	2.9	3.2	5.2	13.5	5.6	2.6	2.9	4.9	4.5	0.4	1.3	
Hokuriku	4.4	-3.7	2.7	4.2	4.3	7.0	15.2	6.8	3.0	3.3	8.0	4.8	0.0	0.4	
Kansai	1.4	-7.2	2.1	0.7	0.9	2.8	12.1	3.7	1.5	2.3	3.1	2.4	-0.9	0.1	
Chugoku	2.3	-5.6	1.3	3.9	3.0	3.5	10.9	2.4	1.7	1.7	4.5	6.6	0.5	1.7	
Shikoku	2.2	-5.8	2.3	1.2	3.4	3.6	12.7	2.6	-1.0	0.2	3.3	2.4	-2.1	0.9	
Kyushu	3.1	-4.0	-0.1	6.9	7.0	5.3	16.0	2.7	0.1	1.9	5.8	5.5	0.4	3.4	
9-Co. Total	1.8	-7.0	3.1	1.9	2.1	4.0	11.3	4.3	1.1	0.8	3.8	3.6	-0.3	1.2	
Okinawa	2.0	2.7	1.3	4.3	13.5	2.6	4.5	2.0	0.7	-0.6	0.4	4.4	2.4	-0.7	
10-Co. Total	1.8	-6.9	3.1	1.9	2.2	4.0	11.3	4.2	1.1	0.8	3.8	3.6	-0.2	1.2	

## 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	354,175	970,286	1,510,196	947,676	673,106	1,915,183	599,807	358,125	669,096	7,997,650
Thermal	1,189,824		4,190,266	12,089,730	9,124,395	1,546,070	3,599,518	2,861,599	1,139,413	2,891,180	38,631,995	711,410	39,343,405
Nuclear	876,012		937,957	10,333,046	1,373,563	532,778	5,844,593	953,998	1,248,870	3,926,015	26,026,832		26,026,832
Others	0		0	0	0	0	0	0	0	0	0		0
Purchased	375,031		1,152,206	4,717,120	1,603,720	-103,307	4,022,314	1,708,655	220,484	1,421,260	15,117,483	180,284	15,297,767
Pumped Storage	-9,169		-4,144	-530,056	-149,132	-1,001	-399,821	-146,680	-61,959	-60,596	-1,362,558	-213	-1,362,771
Total	2,785,873		7,246,571	28,120,036	12,900,222	2,647,646	14,981,787	5,977,379	2,904,933	8,846,955	86,411,402	891,481	87,302,883
Year-on-Year Change (%)	102.1		101.3	101.1	101.3	100.4	100.1	101.7	100.9	103.4	101.2	99.3	101.2
Flow Rate (%)		112.7	139.1	105.1	106.3	116.1	120.0	154.9	125.2	130.6	120.3		120.3
Peak Load (1,000 kW)	Monthly Peak Load	14/15h 4,657	14/15h 13,514	14/12h 58,058	14/14h 26,453	14/15h 5,173	14/14h 29,468	14/12h 11,144	28/15h 5,517	14/15h 16,907	-	6/17h 1,523	-
	Average for 3 Peak Load Days	4,585	12,940	55,141	25,945	5,024	29,377	11,123	5,478	16,631	166,244	1,507	167,751

## 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	283,857	759,467	377,922	939,807	349,955	221,206	842,078	201,742	456,493	4,432,527
Consumed	370,908		681,687	277,218	1,026,060	482,671	137,029	591,057	261,346	509,800	4,337,776	183,340	4,521,116
Heavy oil (kl)	Purchased	19,507	71,631	314,112	3,448	34,750	44,076	76,230	50,141	20,977	634,872	41,847	676,719
	Consumed	25,079	38,382	245,310	3,951	18,514	31,320	72,757	51,645	11,800	498,758	33,037	531,795
Crude oil (kl)	Purchased		9,987	117,107	129,669	19,554	208,103	23,044	12,013	17,114	536,591		536,591
	Consumed		13,762	56,486	101,562	18,025	192,382	11,056	15,990	15,880	425,143		425,143
LNG (t)	Purchased		285,150	1,531,016	1,018,290		423,192	161,930		141,995	3,561,573		3,561,573
	Consumed		285,561	1,424,522	904,917		360,732	112,757		193,587	3,282,076		3,282,076
Naphtha (kl)	Purchased												
	Consumed												