

Electricity Generated and Purchased in December 2009 (Bulletin)

1. Nationwide Summary

Due mainly to firm large industrial user demand, in addition to increased heating demand due to relatively lower temperatures in December than the last year, total electricity generated and purchased across the 10 companies in December 2009 increased by 1.3% from the last year to 84.01 billion kWh.

(Breakdown)

Hydro:

Hydroelectric generation rose by 6.9% from the last year to 3.49 billion kWh, due mainly to higher flow rates than a year earlier.

Thermal:

Increased amount of electricity generated by hydroelectric and nuclear power led to a year-on-year 7.3% decline in thermal power generation to 39.73 billion kWh.

Nuclear:

The capacity factor was up from the last year, resulting in a year-on-year 17.6% increase in nuclear power generation to 25.97 billion kWh.

Capacity factors in December 2009 and December 2008 were 75.1% and 63.5%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 89.3%.

2. Power Generated and Purchased Overview (10-Co. Total)

		This Month (December)		Year-on-year Change (Prev. 3 months; %)		
		Summary	Year-on-year Change (%)	November	October	September
Power Generated and Purchased (MWh)		84,008,957	1.3	-2.8	-5.0	-9.0
Generated by Source (MWh)	Hydro	3,494,103	6.9	24.5	-4.8	-21.0
	Thermal	39,725,431	-7.3	-12.7	-12.9	-13.6
	Nuclear	25,967,497	17.6	13.4	10.2	4.8
Purchased (MWh)		15,235,263	1.0	-1.3	-4.5	-10.3
Flow Rate (%)		89.3	(same month of last year) 86.0	101.7	82.2	65.1
Nuclear Capacity Factor (%) (incl. JAPC)		74.0	(same month of last year) 62.5	66.6	63.5	63.7

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

	FY 2008	Dec. 2008	Jan. 2009	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
10-Co. Total	-3.1	-4.7	-6.3	-15.8	-7.1	-8.5	-8.4	-5.6	-10.6	-7.0	-9.0	-5.0	-2.8	1.3

Remarks: Figures up to November 2009 are confirmed values.

<Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	4,197,292	381,554	312,303	4,011,028	0
Consumed	3,823,335	338,899	437,354	3,493,166	1,765