

## Electricity Generated and Purchased in January 2010 (Bulletin)

### 1. Nationwide Summary

Due mainly to firm large industrial user demand, in addition to increased heating demand due to relatively lower temperatures in January than the last year, total electricity generated and purchased across the 10 companies in January 2010 increased by 3.1% from the last year to 87.23 billion kWh.

(Breakdown)

Hydro:

Hydroelectric generation rose by 11.4% from the last year to 3.55 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 0.6% decline in thermal power generation to 43.17 billion kWh.

Nuclear:

The capacity factor was up from the last year, resulting in a year-on-year 3.4% increase in nuclear power generation to 24.56 billion kWh.

Capacity factors in January 2010 and January 2009 were 71.4% and 68.5%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 94.5%.

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

		This Month (January)		Year-on-year Change (Prev. 3 months; %)		
		Summary	Year-on-year Change (%)	December	November	October
Power Generated and Purchased (MWh)		87,231,200	3.1	1.3	-2.8	-5.0
Generated by Source (MWh)	Hydro	3,545,835	11.4	7.3	24.5	-4.8
	Thermal	43,166,181	-0.6	-7.3	-12.7	-12.9
	Nuclear	24,562,921	3.4	17.6	13.4	10.2
Purchased (MWh)		16,511,315	11.3	0.3	-1.3	-4.5
Flow Rate (%)		94.5	(same month of last year) 87.9	89.8	101.8	82.2
Nuclear Capacity Factor (%) (incl. JAPC)		70.8	(same month of last year) 67.2	74.0	66.6	63.5

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

	FY 2008	Jan. 2009	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2010
10-Co. Total	-3.1	-6.3	-15.8	-7.1	-8.5	-8.4	-5.6	-10.6	-7.0	-9.0	-5.0	-2.8	1.3	3.1

Remarks: Figures up to December 2009 are confirmed values.

#### <Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	3,625,280	482,289	329,324	3,716,851	0
Consumed	4,554,123	502,220	440,534	3,713,698	0