

## Electricity Generated and Purchased in January 2012 (Bulletin)

### 1. Nationwide Summary

Total electricity generated and purchased across the ten companies in January 2012 declined by 5.3% from last year to 87.43 billion kWh, due mainly to the increased energy-saving awareness among companies and residential customers.

(Breakdown)

Hydro:

Hydroelectric generation decreased by 13.0% from last year to 3.23 billion kWh due mainly to lower flow rates than a year earlier.

Thermal:

The decrease in the amount of electricity generated by nuclear power led to a year-on-year 28.5% increase in thermal power generation to 64.46 billion kWh.

Nuclear:

The capacity factor of those excluding Japan Atomic Power Company was down from last year, resulting in a year-on-year 83.0% decrease in nuclear power generation to 3.74 billion kWh.

Capacity factors in January 2012 and January 2011 were 10.9% and 64.2%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies (except for Okinawa) was 86.7%.

### 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)		87,431,836	-5.3	-1.4	-5.5	-5.8
Generated by Source (MWh)	Hydro	3,229,976	-13.0	-11.3	-1.6	4.9
	Thermal	64,462,324	28.5	41.7	35.5	38.8
	Nuclear	3,744,778	-83.0	-75.5	-69.3	-72.3
	New Energy etc.	231,187	5.1	7.8	14.4	10.8
Purchased (MWh)		16,463,888	-0.9	-6.7	-7.8	-3.2
Power for Pumped-Storage Hydro (MWh)		-700,317	42.2	93.7	-5.8	-24.3
Flow Rate (%)		86.7	(same month of last year) 99.1	100.6	108.9	109.3
Nuclear Capacity Factor (%) (incl. JAPC)		10.3	(same month of last year) 66.1	15.2	20.1	18.5

Note: In accordance with a ministerial ordinance to revise a portion of electricity-related reporting regulations, the following revisions have been made since the May 2010 report.

- The power generation breakdown now includes the category, "renewable energy, etc. (wind, photovoltaic, geothermal, etc.)."

- Geothermal power was moved from "thermal power generation" to "renewable energy, etc."

- The category of "pumped storage power" was added.

In addition, the rates of increase from months of the previous year for the categories, "thermal power", "renewable energy, etc." and "pumped storage power", are calculated based on the revised classifications.

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

	FY 2010	Jan. 2011	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2012
10-Co. Total	5.1	5.9	1.6	-3.1	-8.2	-4.8	-5.2	-8.1	-12.0	-8.9	-5.8	-5.5	-1.4	-5.3

Remarks: Figures up to December 2011 are confirmed values.

#### <Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	5,309,841	1,507,478	1,335,188	5,189,890	0
Consumed	4,780,810	1,634,893	1,503,329	5,234,278	260