

## Electricity Generated and Purchased in October 2011 (Bulletin)

### 1. Nationwide Summary

Total electricity generated and purchased across the ten companies in October 2011 declined by 5.6% from the last year to 71.28 billion kWh, due mainly to the increased energy-saving awareness among companies and residential customers.

(Breakdown)

Hydro:

Hydroelectric generation increased by 4.8% from last year to 4.39 billion kWh due mainly to higher flow rates than a year earlier.

Thermal:

The decrease in the amount of electricity generated by nuclear power led to a year-on-year 38.8% increase in thermal power generation to 47.34 billion kWh.

Nuclear:

The capacity factor, of those excluding Japan Atomic Power Company, was down from last year, resulting in a year-on-year 72.3% decrease in nuclear power generation to 6.73 billion kWh.

Capacity factors in October 2011 and October 2010 were 19.5% and 70.5%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies (except for Okinawa) was 108.9%.

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

		This Month (October)		Year-on-year Change (Prev. 3 months; %)		
		Summary	Year-on-year Change (%)	September	August	July
Power Generated and Purchased (MWh)		71,279,551	-5.6	-8.9	-12.0	-8.1
Generated by Source (MWh)	Hydro	4,394,403	4.8	29.7	-2.7	-12.4
	Thermal	47,339,656	38.8	11.9	8.2	14.6
	Nuclear	6,726,190	-72.3	-66.8	-60.4	-50.2
	New Energy etc.	199,105	10.2	4.3	4.7	13.0
Purchased (MWh)		13,128,713	-2.4	-0.3	-6.9	-2.1
Power for Pumped-Strage Hydro (MWh)		-508,516	-24.1	-32.7	-27.8	-7.7
Flow Rate (%)		108.9	(same month of last year) 94.4	130.0	110.1	99.2
Nuclear Capacity Factor (%) (incl. JAPC)		18.5	(same month of last year) 72.3	20.6	26.4	33.9

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	Oct.	Nov.	Dec.	Jan. 2011	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.
10-Co. Total	5.1	2.5	1.6	1.0	5.9	1.6	-3.1	-8.2	-4.8	-5.2	-8.1	-12.0	-8.9	-5.6

Remarks: Figures up to September 2011 are confirmed values.

#### <Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	4,122,738	974,751	950,789	3,897,747	0
Consumed	4,040,405	933,653	1,067,205	3,904,447	0