

Electricity Generated and Purchased in December 2011 (Bulletin)

1. Nationwide Summary

Total electricity generated and purchased across the ten companies in December 2011 declined by 1.3% from the last year to 83.65 billion kWh, due mainly to the increased energy-saving awareness among companies and residential customers, in spite of increased heating demands caused by relatively lower temperatures in December than the previous year.

(Breakdown)

Hydro:

Hydroelectric generation decreased by 11.2% from the last year to 3.75 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 41.7% increase in thermal power generation to 60.42 billion kWh.

Nuclear:

The capacity factor of those excluding Japan Atomic Power Company was down from last year, resulting in a year-on-year 75.5% decrease in nuclear power generation to 5.55 billion kWh.

Capacity factors in December 2011 and December 2010 were 16.1% and 65.9%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies (except for Okinawa) was 100.2%.

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)		83,653,496	-1.3	-5.5	-5.8	-8.9
Generated by Source (MWh)	Hydro	3,748,072	-11.2	-1.6	4.9	29.7
	Thermal	60,424,239	41.7	35.5	38.8	11.9
	Nuclear	5,551,090	-75.5	-69.3	-72.3	-66.8
	New Energy etc.	234,920	7.2	14.4	10.8	4.3
Purchased (MWh)		14,461,547	-6.2	-7.8	-3.2	-0.3
Power for Pumped-Storage Hydro (MWh)		-766,372	93.6	-5.8	-24.3	-32.7
Flow Rate (%)		100.2	(same month of last year) 115.2	108.9	109.3	130.0
Nuclear Capacity Factor (%) (incl. JAPC)		15.2	(same month of last year) 67.9	20.1	18.5	20.6

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	Dec.	Jan. 2011	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
10-Co. Total	5.1	1.0	5.9	1.6	-3.1	-8.2	-4.8	-5.2	-8.1	-12.0	-8.9	-5.8	-5.5	-1.3

Remarks: Figures up to November 2011 are confirmed values.

<Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	4,291,992	1,321,999	1,354,115	5,021,856	0
Consumed	4,744,200	1,358,863	1,389,140	4,981,194	229