

Electricity Generated and Purchased in January 2011 (Bulletin)

1. Nationwide Summary

Due mainly to firm large industrial user demand, in addition to increased heating demand caused by relatively lower temperatures in January than a year ago, total electricity generated and purchased across the 10 companies in January 2011 rose by 5.8% from the last year to 92.28 billion kWh.

(Breakdown)

Hydro:

Hydroelectric generation increased by 4.7% from the last year to 3.71 billion kWh due mainly to higher flow rates than a year earlier.

Thermal:

Decreased amount of electricity generated by nuclear power led to a year-on-year 16.8% increase in thermal power generation to 50.16 billion kWh.

Nuclear:

The capacity factor was down from the last year, resulting in a year-on-year 10.1% decrease in nuclear power generation to 22.08 billion kWh.

Capacity factors in January 2011 and January 2010 were 64.2% and 71.4%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 98.4%.

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)		92,284,235	5.8	1.0	1.6	2.5
Generated by Source (MWh)	Hydro	3,712,540	4.7	20.7	6.8	21.5
	Thermal	50,160,211	16.8	7.9	-0.2	-3.5
	Nuclear	22,076,617	-10.1	-12.7	3.2	11.4
	New Energy etc.	219,927	3.3	2.4	-12.5	-6.0
Purchased (MWh)		16,607,409	0.6	1.9	3.3	1.5
Power for Pumped-Storage Hydro (MWh)		-492,469	-11.3	-4.2	16.6	92.5
Flow Rate (%)		98.4	(same month of last year) 95.1	115.3	103.8	94.4
Nuclear Capacity Factor (%) (incl. JAPC)		66.1	(same month of last year) 70.8	67.9	71.3	72.3

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 2009	Jan. 2010	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2011
10-Co. Total	-3.3	3.0	7.3	7.4	9.2	4.1	5.6	7.7	13.3	11.8	2.5	1.6	1.0	5.8

Remarks: Figures up to December 2010 are confirmed values.

<Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	4,742,150	569,662	487,027	3,729,421	0
Consumed	5,214,741	748,606	698,385	4,119,179	0