

Electricity Generated and Purchased in December 2010 (Bulletin)

1. Nationwide Summary

Due mainly to the firm large industrial user demand, total electricity generated and purchased across the 10 companies in December 2010 increased by 0.9% from the last year to 84.77 billion kWh in spite of the declined heating demand caused by relatively higher temperatures in December than a year ago.

(Breakdown)

Hydro:

Hydroelectric generation increased by 20.9% from the last year to 4.22 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 7.9% increase in thermal power generation to 42.64 billion kWh.

Nuclear:

The capacity factor was down from the last year, resulting in a year-on-year 12.7% decrease in nuclear power generation to 22.66 billion kWh.

Capacity factors in December 2010 and December 2009 were 65.9% and 75.1%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 114.7%.

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)		84,769,562	0.9	1.6	2.5	11.8
Generated by Source (MWh)	Hydro	4,222,914	20.9	6.8	21.5	32.1
	Thermal	42,639,804	7.9	-0.2	-3.5	15.2
	Nuclear	22,662,315	-12.7	3.2	11.4	4.2
	New Energy etc.	219,205	3.9	-12.5	-6.0	-20.2
Purchased (MWh)		15,421,119	1.2	3.3	1.5	13.7
Power for Pumped-Storage Hydro (MWh)		-395,795	-4.2	16.6	92.5	95.1
Flow Rate (%)		114.7	(same month of last year) 89.8	103.8	94.4	87.8
Nuclear Capacity Factor (%) (incl. JAPC)		67.9	(same month of last year) 74.0	71.3	72.3	66.7

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	Dec. 2009	Jan. 2010	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
10-Co. Total	-3.3	1.3	3.0	7.3	7.4	9.2	4.1	5.6	7.7	13.3	11.8	2.5	1.6	0.9

Remarks: Figures up to November 2010 are confirmed values.

<Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	4,944,751	572,355	265,766	3,945,089	0
Consumed	4,590,624	465,583	275,615	3,762,716	0