

Electricity Generated and Purchased in October 2010 (Bulletin)

1. Nationwide Summary

Due mainly to the firm large industrial user demand, total electricity generated and purchased across the 10 companies in October 2010 increased by 2.4% from the last year to 75.51 billion kWh.

(Breakdown)

Hydro:

Hydroelectric generation increased by 21.8% from the last year to 4.19 billion kWh due mainly to higher flow rates than a year earlier.

Thermal:

Increased amount of electricity generated by hydroelectric and nuclear power led to a year-on-year 3.5% decline in thermal power generation to 34.09 billion kWh.

Nuclear:

The capacity factor was up from the last year, resulting in a year-on-year 11.4% increase in nuclear power generation to 24.26 billion kWh.

Capacity factors in October 2010 and October 2009 were 70.5% and 64.5%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 94.0%.

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)		75,513,828	2.4	11.8	13.3	7.7
Generated by Source (MWh)	Hydro	4,193,172	21.8	32.1	0.1	10.9
	Thermal	34,094,434	-3.5	15.2	21.1	6.6
	Nuclear	24,258,851	11.4	4.2	5.3	6.8
	New Energy etc.	180,745	-5.8	-20.2	-15.7	-17.3
Purchased (MWh)		13,456,353	1.1	13.7	12.3	12.0
Power for Pumped-Storage Hydro (MWh)		-669,727	92.6	95.1	41.1	20.1
Flow Rate (%)		94.0	(same month of last year) 82.2	87.8	100.5	117.0
Nuclear Capacity Factor (%) (incl. JAPC)		72.3	(same month of last year) 63.5	66.7	70.2	70.0

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	Oct. 2009	Nov.	Dec.	Jan. 2010	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.
10-Co. Total	-3.3	-5.0	-2.8	1.3	3.0	7.3	7.4	9.2	4.1	5.6	7.7	13.3	11.8	2.4

Remarks: Figures up to September 2010 are confirmed values.

<Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	4,187,464	319,033	125,104	3,246,570	0
Consumed	4,081,963	264,303	79,404	2,965,308	0