

Electricity Generated and Purchased in August 2011 (Bulletin)

1. Nationwide Summary

Total electricity generated and purchased across the ten companies in August 2011 declined by 12.1% from the last year to 84.18 billion kWh, mainly due to decreased cooling demands caused by relatively lower temperatures in August than the previous year, and to the efforts of companies and residential customers for saving electricity.

(Breakdown)

Hydro:

Despite higher flow rates than last year, hydroelectric generation declined by 2.7% from last year to 6.24 billion kWh, mainly because pumped-storage generation was below the amount achieved a year ago.

Thermal:

The decrease in the amount of electricity generated by nuclear power led to a year-on-year 8.2% increase in thermal power generation to 53.71 billion kWh.

Nuclear:

The capacity factor, of those excluding Japan Atomic Power Company, was down from last year, resulting in a year-on-year 60.4% decrease in nuclear power generation to 9.63 billion kWh.

Capacity factors in August 2011 and August 2010 were 27.9% and 70.8%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies (except for Okinawa) was 110.1%.

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

		This Month (August)		Year-on-year Change (Prev. 3 months; %)		
		Summary	Year-on-year Change (%)	July	June	May
Power Generated and Purchased (MWh)		84,181,252	-12.1	-8.1	-5.2	-4.8
Generated by Source (MWh)	Hydro	6,235,489	-2.7	-12.4	7.3	-0.3
	Thermal	53,713,784	8.2	14.6	17.5	18.6
	Nuclear	9,633,873	-60.4	-50.2	-42.4	-31.5
	New Energy etc.	211,496	4.2	13.0	4.3	-9.5
Purchased (MWh)		15,562,300	-7.4	-2.1	-9.6	-20.7
Power for Pumped-Storage Hydro (MWh)		-1,175,690	-27.8	-7.7	3.0	-14.3
Flow Rate (%)		110.1	(same month of last year) 100.5	99.2	120.1	110.6
Nuclear Capacity Factor (%) (incl. JAPC)		26.4	(same month of last year) 70.2	33.9	36.8	40.9

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	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2011	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.
10-Co. Total	5.1	13.3	11.8	2.5	1.6	1.0	5.9	1.6	-3.1	-8.2	-4.8	-5.2	-8.1	-12.1

Remarks: Figures up to July 2011 are confirmed values.

<Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	4,939,328	996,761	939,110	5,284,303	0
Consumed	4,551,263	1,059,867	831,174	4,811,520	0