

Electricity Generated and Purchased in August 2010 (Bulletin)

1. Nationwide Summary

Due mainly to firm large industrial user demand, in addition to increased cooling demand caused by relatively higher temperatures in August than the last year, total electricity generated and purchased across the 10 companies in August 2010 increased by 13.2% from the last year to 95.77 billion kWh.

(Breakdown)

Hydro:

Despite lower flow rates than the last year, mainly because pumped-storage generation exceeded the amount achieved a year ago, hydroelectric generation increased by 0.2% from the last year to 6.41 billion kWh.

Thermal:

Due principally to the general increase in total electricity generated and purchased, thermal power generation increased by 21.1% from a year ago to 49.64 billion kWh.

Nuclear:

The capacity factor was up from the last year, resulting in a year-on-year 5.3% increase in nuclear power generation to 24.35 billion kWh.

Capacity factors in August 2010 and August 2009 were 70.8% and 67.3%, 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 (August)		Year-on-year Change (Prev. 3 months; %)		
		Summary	Year-on-year Change (%)	July	June	May
Power Generated and Purchased (MWh)		95,773,053	13.2	7.7	5.6	4.1
Generated by Source (MWh)	Hydro	6,409,693	0.2	10.9	30.7	22.6
	Thermal	49,638,671	21.1	6.6	-2.5	-4.4
	Nuclear	24,351,065	5.3	6.8	16.5	5.9
	New Energy etc.	202,922	-13.2	-17.3	-20.0	3.4
Purchased (MWh)		16,798,305	12.1	12.0	3.7	17.8
Power for Pumped-Storage Hydro (MWh)		-1,627,603	41.0	20.1	30.1	20.4
Flow Rate (%)		100.2	(same month of last year) 110.3	117.0	109.8	106.3
Nuclear Capacity Factor (%) (incl. JAPC)		70.2	(same month of last year) 66.8	70.0	66.1	62.1

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	Aug. 2009	Sep.	Oct.	Nov.	Dec.	Jan. 2010	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.
10-Co. Total	-3.3	-7.0	-9.0	-5.0	-2.8	1.3	3.0	7.3	7.4	9.2	4.1	5.6	7.7	13.2

Remarks: Figures up to July 2010 are confirmed values.

<Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	4,430,504	750,615	516,189	4,278,122	0
Consumed	4,896,897	826,974	784,899	4,169,393	143