

Electricity Generated and Purchased in September 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 September than the last year, total electricity generated and purchased across the 10 companies in September 2010 increased by 11.9% from the last year to 84.49 billion kWh.

(Breakdown)

Hydro:

Hydroelectric generation increased by 32.1% from the last year to 4.93 billion kWh due mainly to higher flow rates than a year earlier.

Thermal:

Due principally to the general increase in total electricity generated and purchased, thermal power generation rose by 15.1% from a year ago to 43.50 billion kWh.

Nuclear:

The capacity factor was up from the last year, resulting in a year-on-year 4.2% increase in nuclear power generation to 21.88 billion kWh.

Capacity factors in September 2010 and September 2009 were 65.7% and 64.3%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 87.4%.

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

		This Month (September)		Year-on-year Change (Prev. 3 months; %)		
		Summary	Year-on-year Change (%)	August	July	June
Power Generated and Purchased (MWh)		84,490,908	11.9	13.3	7.7	5.6
Generated by Source (MWh)	Hydro	4,927,481	32.1	0.1	10.9	30.7
	Thermal	43,501,013	15.1	21.1	6.6	-2.5
	Nuclear	21,881,895	4.2	5.3	6.8	16.5
	New Energy etc.	196,079	-17.0	-15.7	-17.3	-20.0
Purchased (MWh)		15,381,908	13.9	12.3	12.0	3.7
Power for Pumped-Storage Hydro (MWh)		-1,397,468	95.1	41.1	20.1	30.1
Flow Rate (%)		87.4	(same month of last year) 65.1	100.5	117.0	109.8
Nuclear Capacity Factor (%) (incl. JAPC)		66.7	(same month of last year) 63.7	70.2	70.0	66.1

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	Sep. 2009	Oct.	Nov.	Dec.	Jan. 2010	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.
10-Co. Total	-3.3	-9.0	-5.0	-2.8	1.3	3.0	7.3	7.4	9.2	4.1	5.6	7.7	13.3	11.9

Remarks: Figures up to August 2010 are confirmed values.

<Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	3,931,416	731,665	706,968	3,970,651	0
Consumed	4,526,965	768,255	658,010	3,543,911	2,717