

## Electricity Generated and Purchased in September 2011 (Bulletin)

### 1. Nationwide Summary

Total electricity generated and purchased across the ten companies in September 2011 declined by 9.1% from the last year to 76.83 billion kWh, mainly due to decreased cooling demands caused by relatively lower temperatures in September than the previous year, and to the efforts of companies and residential customers for saving electricity.

(Breakdown)

Hydro:

Hydroelectric generation increased by 29.7% from last year to 6.39 billion kWh due mainly to higher flow rates than a year earlier.

Thermal:

The decrease in the amount of electricity generated by nuclear power led to a year-on-year 11.9% increase in thermal power generation to 48.70 billion kWh.

Nuclear:

The capacity factor, of those excluding Japan Atomic Power Company, was down from last year, resulting in a year-on-year 33.2% decrease in nuclear power generation to 7.26 billion kWh.

Capacity factors in September 2011 and September 2010 were 21.8% and 65.7%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies (except for Okinawa) was 129.8%.

### 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)		76,828,687	-9.1	-12.0	-8.1	-5.2
Generated by Source (MWh)	Hydro	6,392,134	29.7	-2.7	-12.4	7.3
	Thermal	48,698,097	11.9	8.2	14.6	17.5
	Nuclear	7,262,676	-66.8	-60.4	-50.2	-42.4
	New Energy etc.	203,490	3.8	4.7	13.0	4.3
Purchased (MWh)		15,212,759	-1.1	-6.9	-2.1	-9.6
Power for Pumped-Storage Hydro (MWh)		-940,469	-32.7	-27.8	-7.7	3.0
Flow Rate (%)		129.8	(same month of last year) 87.8	110.1	99.2	120.1
Nuclear Capacity Factor (%) (incl. JAPC)		20.6	(same month of last year) 66.7	26.4	33.9	36.8

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	Sep.	Oct.	Nov.	Dec.	Jan. 2011	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.
10-Co. Total	5.1	11.8	2.5	1.6	1.0	5.9	1.6	-3.1	-8.2	-4.8	-5.2	-8.1	-12.0	-9.1

Remarks: Figures up to August 2011 are confirmed values.

### <Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	3,999,789	929,243	808,996	4,517,101	0
Consumed	4,119,876	928,975	725,736	4,361,639	0