

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

### 1. Nationwide Summary

Due mainly to firm large industrial user demand, total electricity generated and purchased across the 10 companies in February 2011 rose by 1.5% from the last year to 81.25 billion kWh.

(Breakdown)

Hydro:

Hydroelectric generation decreased by 16.5% from the last year to 3.20 billion kWh due mainly to lower flow rates than a year earlier.

Thermal:

Decreased amount of electricity generated by hydroelectric and nuclear power led to a year-on-year 4.4% increase in thermal power generation to 40.87 billion kWh.

Nuclear:

The capacity factor, of those excluding Japan Atomic Power Company, was down from the last year, resulting in a year-on-year 2.0% decrease in nuclear power generation to 21.67 billion kWh.

Capacity factors in February 2011 and February 2010 were 69.7% and 71.2%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 95.2%.

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

		This Month (February)		Year-on-year Change (Prev. 3 months; %)		
		Summary	Year-on-year Change (%)	January	December	November
Power Generated and Purchased (MWh)		81,254,719	1.5	5.9	1.0	1.6
Generated by Source (MWh)	Hydro	3,195,804	-16.5	4.7	20.7	6.8
	Thermal	40,873,099	4.4	16.8	7.9	-0.2
	Nuclear	21,671,480	-2.0	-10.1	-12.7	3.2
	New Energy etc.	193,553	-4.7	-1.6	2.4	-12.5
Purchased (MWh)		15,610,518	3.3	1.1	1.9	3.3
Power for Pumped-Storage Hydro (MWh)		-289,735	-29.2	-11.2	-4.2	16.6
Flow Rate (%)		95.2	(same month of last year) 117.6	99.1	115.2	103.8
Nuclear Capacity Factor (%) (incl. JAPC)		70.8	(same month of last year) 69.9	66.1	67.9	71.3

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	Feb. 2010	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2011	Feb.
10-Co. Total	-3.3	7.3	7.4	9.2	4.1	5.6	7.7	13.3	11.8	2.5	1.6	1.0	5.9	1.5

Remarks: Figures up to January 2011 are confirmed values.

#### <Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	4,550,152	581,458	472,662	4,026,487	0
Consumed	4,498,605	541,128	399,532	3,468,899	0