

## Electricity Generated and Purchased in May 2010 (Bulletin)

### 1. Nationwide Summary

Due mainly to firm large industrial user demand, total electricity generated and purchased across the 10 companies in May 2010 increased by 4.2% from the last year to 72.38 billion kWh.

(Breakdown)

Hydro:

Hydroelectric generation increased by 22.7% from the last year to 7.08 billion kWh, due mainly to higher flow rates than a year earlier.

Thermal:

Increased amount of electricity generated by hydroelectric and nuclear power led to a year-on-year 4.4% decline in thermal power generation to 31.62 billion kWh.

Nuclear:

The capacity factor was up from the last year, resulting in a year-on-year 5.9% increase in nuclear power generation to 21.45 billion kWh.

Capacity factors in May 2010 and May 2009 were 62.4% and 59.5%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 105.9%.

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

		This Month (May)		Year-on-year Change (Prev. 3 months; %)		
		Summary	Year-on-year Change (%)	April	March	February
Power Generated and Purchased (MWh)		72,384,098	4.2	9.2	7.4	7.3
Generated by Source (MWh)	Hydro	7,081,880	22.7	27.9	20.0	-6.6
	Thermal	31,615,005	-4.4	-2.6	-0.5	6.0
	Nuclear	21,454,432	5.9	20.3	20.7	8.2
	New Energy etc.	227,237	6.5	3.5	0.5	1.5
Purchased (MWh)		12,589,580	18.2	22.3	8.1	14.1
Power for Pumped-Storage Hydro (MWh)		-584,036	20.2	154.5	82.9	4.9
Flow Rate (%)		105.9	(same month of last year) 84.5	111.7	141.4	117.6
Nuclear Capacity Factor (%) (incl. JAPC)		62.1	(same month of last year) 61.1	66.9	66.0	69.9

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 2009	May 2009	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2010	Feb.	Mar.	Apr.	May
10-Co. Total	-3.3	-8.4	-5.6	-10.6	-7.0	-9.0	-5.0	-2.8	1.3	3.0	7.3	7.4	9.2	4.2

Remarks: Figures up to April 2010 are confirmed values.

### <Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	4,365,432	407,290	255,038	2,881,095	0
Consumed	3,498,451	269,185	212,488	2,793,234	0