

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

### 1. Nationwide Summary

Due mainly to the effect of the Great East Japan Earthquake, total electricity generated and purchased across the 10 companies in May 2011 declined by 4.7% from the last year to 68.98 billion kWh.

(Breakdown)

Hydro:

Hydroelectric generation decreased by 0.2% from the last year to 7.07 billion kWh due mainly to an year-on-year decline of electricity generated by reservoir-type power plants, despite higher flow rates than a year earlier.

Thermal:

Decreased amount of electricity generated by nuclear power led to a year-on-year 18.6% increase in thermal power generation to 37.49 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 31.5% decrease in nuclear power generation to 14.70 billion kWh.

Capacity factors in April 2011 and April 2010 were 42.6% and 62.4%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 110.4%.

### 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)	68,980,542	-4.7	-8.2	-3.1	1.6	
Generated by Source (MWh)	Hydro	7,065,621	-0.2	-27.6	-36.8	-16.9
	Thermal	37,489,502	18.6	6.3	11.0	4.4
	Nuclear	14,695,855	-31.5	-23.9	-15.4	-2.1
	New Energy etc.	205,560	-9.5	-6.2	-13.0	-11.9
Purchased (MWh)	10,024,205	-20.4	-10.9	-6.6	3.9	
Power for Pumped-Storage Hydro (MWh)	-500,201	-14.4	-42.0	-16.3	-29.2	
Flow Rate (%)	110.4	(same month of last year) 106.3	84.4	85.5	95.1	
Nuclear Capacity Factor (%) (incl. JAPC)	40.9	(same month of last year) 62.1	50.9	58.3	70.8	

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	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2011	Feb.	Mar.	Apr.	May
10-Co. Total	5.1	4.1	5.6	7.7	13.3	11.8	2.5	1.6	1.0	5.9	1.6	-3.1	-8.2	-4.7

Remarks: Figures up to April 2011 are confirmed values.

#### <Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	3,141,350	519,884	503,647	3,697,211	0
Consumed	3,203,382	404,777	480,737	3,609,136	964