

## Electricity Generated and Purchased in April 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 April 2011 declined by 8.4% from the last year to 69.09 billion kWh.

(Breakdown)

Hydro:

Hydroelectric generation decreased by 27.5% from the last year to 4.80 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 6.3% increase in thermal power generation to 36.35 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 23.9% decrease in nuclear power generation to 17.08 billion kWh.

Capacity factors in April 2011 and April 2010 were 51.2% and 67.4%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 84.1%.

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

		This Month (April)		Year-on-year Change (Prev. 3 months; %)		
		Summary	Year-on-year Change (%)	March	February	January
Power Generated and Purchased (MWh)		69,094,093	-8.4	-3.1	1.6	5.9
Generated by Source (MWh)	Hydro	4,796,546	-27.5	-36.8	-16.9	4.7
	Thermal	36,354,009	6.3	11.0	4.4	16.8
	Nuclear	17,084,898	-23.9	-15.4	-2.1	-10.1
	New Energy etc.	195,035	-6.3	-13.0	-11.9	-1.6
Purchased (MWh)		10,911,004	-11.8	-6.6	3.9	1.1
Power for Pumped-Strage Hydro (MWh)		-247,399	-42.2	-16.3	-29.2	-11.2
Flow Rate (%)		84.1	(same month of last year) 111.7	85.5	95.1	99.1
Nuclear Capacity Factor (%) (incl. JAPC)		50.9	(same month of last year) 66.9	58.3	70.8	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 2010	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2011	Feb.	Mar.	Apr.
10-Co. Total	5.1	9.2	4.1	5.6	7.7	13.3	11.8	2.5	1.6	1.0	5.9	1.6	-3.1	-8.4

Remarks: Figures up to March 2011 are confirmed values.

#### <Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	3,481,294	505,196	449,164	3,656,449	0
Consumed	3,256,631	308,981	397,558	3,417,227	44