# **Electricity Generated and Purchased in March 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 March 2011 declined by 3.0% from the last year to 80.85 billion kWh.

#### (Breakdown)

Hydro:

Hydroelectric generation decreased by 36.9% from the last year to 4.06 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 10.9% increase in thermal power generation to 43.64 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 15.4% decrease in nuclear power generation to 20.04 billion kWh.

Capacity factors in March 2011 and March 2010 were 58.1% and 68.9%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 85.1%.

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

		This Mon	th (March)	Year-on-year Change (Prev. 3 months; %)			
		Summary	Year-on-year Change (%)	February	January	December	
Power Generated and Purchased (MWh)		80,845,603	-3.0	1.6	5.9	1.0	
Generarted by Source (MWh)	Hydro	4,064,612	-36.9	-16.9	4.7	20.7	
	Thermal	43,635,424	10.9	4.4	16.8	7.9	
	Nuclear	20,044,567	-15.4	-2.1	-10.1	-12.7	
	New Energy etc.	233,753	2.1	-11.9	-1.6	2.4	
Purchased (MWh)		13,393,433	-5.9	3.9	1.1	1.9	
Power for Pumped-Strage Hydro (MWh)		-526,186	-16.1	-29.2	-11.2	-4.2	
Flow Rate (%)		85.1	(same month of last year) 141.4	95.1	99.1	115.2	
Nuclear Capad (incl. c		58.3	(same month of last year) 66.0	70.8	66.1	67.9	

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	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2011	Feb.	Mar.
10-Co Total	-3.3	7.4	9.2	4.1	5.6	7.7	13.3	11.8	2.5	1.6	1.0	5.9	1.6	-3.0

Remarks: Figures up to February 2011 are confirmed values.

## <Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	4,359,864	405,897	549,661	4,109,261	0
Consumed	4,220,679	492,630	605,416	3,824,625	1,044