

## Electricity Generated and Purchased in August 2009 (Bulletin)

### 1. Nationwide Summary

Due mainly to less large industrial user demand than the previous year, in addition to reduced cooling demand caused by lower August temperatures than the last year, total electricity generated and purchased across the 10 companies in August 2009 decreased by 7.0% from the last year to 84.58 billion kWh.

(Breakdown)

Hydro:

Hydroelectric generation increased by 28.4% from the last year to 6.40 billion kWh, due mainly to higher flow rates than a year earlier.

Thermal:

Decreased amount of total electricity generated and purchased led to a year-on-year 10.2% decline in thermal power generation to 41.22 billion kWh.

Nuclear:

The capacity factor was down from the last year, resulting in a year-on-year 5.5% decrease in nuclear power generation to 23.13 billion kWh.

Capacity factors in August 2009 and August 2008 were 67.3% and 70.4%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 109.9%.

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

		This Month (August)		Year-on-year Change (Prev. 3 months; %)		
		Summary	Year-on-year Change (%)	July	June	May
Power Generated and Purchased (MWh)		84,577,459	-7.0	-10.6	-5.6	-8.4
Generated by Source (MWh)	Hydro	6,396,169	28.4	17.7	-20.3	-5.2
	Thermal	41,223,927	-10.2	-19.6	-6.9	-18.5
	Nuclear	23,129,727	-5.5	3.5	2.8	8.4
Purchased (MWh)		14,982,191	-10.7	-13.1	-7.6	-2.3
Flow Rate (%)		109.9	(same month of last year) 83.3	105.6	82.3	84.5
Nuclear Capacity Factor (%) (incl. JAPC)		66.8	(same month of last year) 71.4	67.6	59.9	61.1

### 3. Power Generated and Purchased Change by Company and Month (%)

	FY 2008	Aug. 2008	Sep.	Oct.	Nov.	Dec.	Jan. 2009	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.
10-Co. Total	-3.1	-5.4	-3.7	-0.7	-1.8	-4.7	-6.3	-15.8	-7.1	-8.5	-8.4	-5.6	-10.6	-7.0

Remarks: Figures up to July 2009 are confirmed values.

#### <Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	4,363,199	515,277	398,140	3,548,877	0
Consumed	4,612,426	475,583	288,839	3,605,397	11