

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

### 1. Nationwide Summary

Due mainly to less large industrial user demand than the previous year, total electricity generated and purchased across the 10 companies in November 2009 decreased by 2.8% from the last year to 74.99 billion kWh.

(Breakdown)

Hydro:

Hydroelectric generation rose by 24.3% from the last year to 3.47 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 12.7% decline in thermal power generation to 36.64 billion kWh.

Nuclear:

The capacity factor was up from the last year, resulting in a year-on-year 13.4% increase in nuclear power generation to 22.41 billion kWh.

Capacity factors in November 2009 and November 2008 were 67.9% and 58.8%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 101.2%.

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

		This Month (November)		Year-on-year Change (Prev. 3 months; %)		
		Summary	Year-on-year Change (%)	October	September	August
Power Generated and Purchased (MWh)		74,991,274	-2.8	-5.0	-9.0	-7.0
Generated by Source (MWh)	Hydro	3,473,748	24.3	-4.8	-21.0	28.5
	Thermal	36,635,869	-12.7	-12.9	-13.6	-10.2
	Nuclear	22,408,886	13.4	10.2	4.8	-5.5
Purchased (MWh)		12,861,449	-1.2	-4.5	-10.3	-10.8
Flow Rate (%)		101.2	(same month of last year) 73.5	82.2	65.1	110.3
Nuclear Capacity Factor (%) (incl. JAPC)		66.6	(same month of last year) 58.1	63.5	63.7	66.8

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

	FY 2008	Nov. 2008	Dec.	Jan 2009	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.
10-Co. Total	-3.1	-1.8	-4.7	-6.3	-15.8	-7.1	-8.5	-8.4	-5.6	-10.6	-7.0	-9.0	-5.0	-2.8

Remarks: Figures up to October 2009 are confirmed values.

#### <Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	3,705,636	374,246	323,721	3,062,511	0
Consumed	3,615,691	429,061	282,036	3,294,895	1,059