

## Electricity Generated and Purchased in FY2011 (Bulletin)

### 1. Nationwide Summary

Due mainly to the effect of the Great East Japan Earthquake and the efforts of companies and other customers for saving electricity, total energy generated and purchased across the 10 companies in fiscal 2011 declined by 5.1% from a year earlier to 937.20 billion kWh.

(Breakdown)

Hydro:

Despite higher flow rates than a year earlier, hydroelectric generation decreased by 0.1% from the last year to 62.80 billion kWh, because reservoir-type generation was below the amount achieved a year ago.

Thermal:

The decrease in the amount of electricity generated by nuclear power led to a year-on-year 25.8% increase in thermal power generation to 610.69 kWh.

Nuclear:

The capacity factor was down from a year earlier, resulting in a 62.9% decrease in nuclear power generation to 100.70 billion kWh.

Capacity factors in fiscal 2011 and fiscal 2010 were 24.7% and 67.0%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 106.8%.

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

		This Month (FY2011)		Year-on-year Change (Prev. 3 months; %)		
		Summary	Year-on-year Change (%)	FY2010	FY2009	FY2008
Power Generated and Purchased (MWh)		937,203,147	-5.1	5.1	-3.3	-3.1
Generated by Source (MWh)	Hydro	62,799,077	-0.1	9.0	2.2	-1.3
	Thermal	610,685,392	25.8	6.3	-9.8	-6.0
	Nuclear	100,695,924	-62.9	1.9	7.7	-1.0
Purchased (MWh)		2,583,060	5.1	-9.8	4.9	-6.5
Flow Rate (%)		106.8	(same month of last year) -	103.1	95.7	91.7
Nuclear Capacity Factor (%) (incl. JAPC)		23.7	(same month of last year) -	67.3	65.7	60.0

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

	FY2011	FY2010	FY2009	FY2008	FY2007	FY2006	FY2005	FY2004	FY2003	FY2002	FY2001
10-Co. Total	-5.1	5.1	-3.3	-3.1	3.3	0.7	1.8	3.7	-1.1	2.4	-1.7

#### <Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	49,247,340	12,190,213	11,569,412	55,494,320	0
Consumed	49,293,267	11,822,365	11,572,589	52,885,437	2,627