

## Electricity Generated and Purchased in First Half of Fiscal 2009 (Bulletin)

### 1. Nationwide Summary

Due mainly to less large industrial user demand than the previous year, as well as reduced cooling demand caused by relatively lower temperatures from August to September than the last year, total energy generated and purchased across the 10 companies in the first half of fiscal 2009 decreased by 8.2% from a year earlier to 456.36 billion kWh.

(Breakdown)

Hydro:

Hydroelectric generation decreased by 2.0% to 33.36 billion kWh, due mainly to lower flow rates than a year earlier.

Thermal:

Decreased amount of total electricity generated and purchased led to a year-on-year 14.3% decline in thermal power generation to 225.23 billion kWh.

Nuclear:

The capacity factor was up from a year earlier, resulting in a 3.2% increase in nuclear power generation to 125.57 billion kWh.

Capacity factors in the first half of fiscal 2009 and the first half of fiscal 2008 were 62.3% and 59.2% respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 89.4%.

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

		This Month (1st Half of FY2009)		Year-on-year Change (Prev. 3 months; %)		
		Summary	Year-on-year Change (%)	2nd Half of FY2008	1st Half of FY2008	2nd Half of FY2007
Power Generated and Purchased (MWh)		456,355,031	-8.2	-6.2	0.0	3.9
Generated by Source (MWh)	Hydro	33,357,724	-2.0	0.5	-2.4	-9.0
	Thermal	225,232,106	-14.3	-14.1	3.1	16.3
	Nuclear	125,567,664	3.2	6.6	-7.7	-16.1
Purchased (MWh)		76,165,219	-9.4	-1.6	1.4	6.1
Flow Rate (%)		89.4	(same month of last year) 90.0	94.2	90.0	88.3
Nuclear Capacity Factor (%) (incl. JAPC)		63.0	(same month of last year) 58.2	61.8	58.2	56.9

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

	1st Half of FY2009	2nd Half of FY2008	1st Half of FY2008	2nd Half of FY2007	1st Half of FY2007	2nd Half of FY2006
10-Co. Total	-8.2	-6.2	0.0	3.9	2.6	-0.1

Remarks: Figures up to August 2009 are confirmed values.

### <Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	23,016,149	3,160,321	1,888,458	20,364,238	34,819
Consumed	23,809,618	3,084,440	1,674,717	19,632,225	30,205