

## Electricity Generated and Purchased in the First Half of Fiscal 2013 (Bulletin)

### 1. Nationwide Summary

Due mainly to decreased cooling demands caused by relatively lower temperatures in September than last year, total energy generated and purchased across the 10 companies in the first half of fiscal 2013 declined by 0.7% from a year earlier to 452.16 billion kWh, in spite of increased cooling demands caused by relatively higher temperatures from June to July than last year.

#### Breakdown

##### Hydro

Hydroelectric generation dropped by 0.5% to 34.55 billion kWh, due mainly to a year-on-year decrease in the amount of electricity generated by reservoir-type power plants, in spite of higher flow rates than last year.

##### Thermal

The increase in the amount of electricity generated by nuclear power led to a year-on-year 2.1% decrease in thermal power generation to 317.09kWh.

##### Nuclear

The capacity factor was up from a year earlier, resulting in a 76.5% increase in nuclear power generation to 9.30 billion kWh.

Capacity factors in the first half of fiscal 2013 and the second half of fiscal 2012 were 4.9% and 2.7%, respectively (Japan Atomic Power Company figures excluded).

#### Flow Rates

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

		This Month (1st Half of FY2013)		Year-on-year Change (Prev. 3 months; %)		
		Summary	Year-on-year Change (%)	2nd Half of FY2012	1st Half of FY2012	2nd Half of FY2011
Power Generated and Purchased (MWh)		452,156,618	-0.7	-2.7	-0.1	-2.0
Generated by Source (MWh)	Hydro	34,553,318	-0.5	-7.8	-10.1	4.3
	Thermal	317,086,861	-2.1	-0.1	21.1	38.5
	Nuclear	9,302,750	76.5	-60.1	-92.9	-80.0
	New Energy etc.	1,231,881	-4.5	-4.7	3.7	11.3
Purchased (MWh)		94,105,449	-0.6	6.5	19.5	1.6
Power for Pumped-Strage Hydro (MWh)		-4,123,913	-8.8	10.8	-2.7	31.5
Flow Rate (%)		96.0	(same month of last year) 94.6	95.7	94.6	104.5
Nuclear Capacity Factor (%) (incl. JAPC)		4.6	(same month of last year) 2.6	5.3	2.6	12.4

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

	1st Half of FY2013	2nd Half of FY2012	1st Half of FY2012	2nd Half of FY2011	1st Half of FY2011	2nd Half of FY2010	1st Half of FY2010	2nd Half of FY2009	1st Half of FY2009	2nd Half of FY2008	1st Half of FY2008	2nd Half of FY2007
10-Co. Total	-0.7	-2.7	-0.1	-2.0	-8.1	1.6	8.8	1.8	-8.2	-6.2	0.0	3.9

#### <Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	29,176,987	5,114,792	5,134,600	27,968,719	0
Consumed	28,898,948	5,288,990	5,061,200	27,049,560	0