

## Electricity Generated and Purchased in November 2013 (Bulletin)

### 1. Nationwide Summary

Total electricity generated and purchased across the ten companies in November 2013 declined by 0.5% from a year earlier to 71.96 billion kWh, due mainly to decreased heating demands compared with last year, caused by relatively higher temperatures in November than the previous year.

#### Breakdown

##### Hydro

Hydroelectric generation rose by 18.0% from last year to 3.97 billion kWh due mainly to higher flow rates than a year earlier.

##### Thermal

Shutdown of all nuclear power plants in Japan led to a year-on-year 2.1% increase in thermal power generation to 54.15 billion kWh.

##### Nuclear

Shutdown of all nuclear power plants in Japan resulted in a 100.0% decrease in nuclear power generation to 0.0 billion kWh.

Capacity factors in November 2013 and November 2012 were 0.0% and 5.5%, respectively (Japan Atomic Power Company's figures excluded).

#### Flow Rates

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

		This Month (Nov)		Year-on-year Change (Prev. 3 months; %)		
		Summary	Year-on-year Change (%)	Oct.	Sep.	Aug.
Power Generated and Purchased (MWh)		71,963,952	-0.5	2.4	-4.0	0.2
Generated by Source (MWh)	Hydro	3,965,802	18.0	44.9	44.8	6.3
	Thermal	54,145,824	2.1	6.2	-6.3	0.6
	Nuclear	0	—	—	-72.4	-0.4
	New Energy etc.	214,363	6.2	-10.4	-2.1	-2.0
Purchased (MWh)		13,856,691	-6.6	-7.1	-3.4	-2.6
Power for Pumped-Storage Hydro (MWh)		-218,728	-74.0	-0.6	-32.9	7.1
Flow Rate (%)		117.1	(same month of last year) 94.2	114.0	117.6	99.1
Nuclear Capacity Factor (%) (incl. JAPC)		0.0	(same month of last year) 5.3	0.0	1.4	5.1

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

	FY 2012	Nov. 2012	Dec.	Jan. 2013	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.
10-Co. Total	-1.4	0.7	0.8	-1.6	-6.9	-6.9	-2.7	-0.5	0.8	1.8	0.2	-4.0	2.4	-0.5

Remarks: Figures up to February 2011 are confirmed values.

#### <Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	5,098,855	930,287	887,354	5,013,692	0
Consumed	4,781,607	913,205	926,490	4,596,827	1