

## Electricity Generated and Purchased in January 2016 (Bulletin)

### 1. Nationwide Summary

Total electricity generated and purchased across the ten companies in January 2016 declined by 3.2% from a year earlier to 81.08 billion kWh, due principally to decreased heating demands caused by relatively higher temperatures in January than the previous year.

#### Breakdown

##### Hydro

Hydroelectric generation dropped by 1.8% from last year to 3.96 billion kWh due mainly to lower flow rate than a year earlier.

##### Thermal

The decrease in the amount of electricity generated and purchased as a whole led to a year-on-year 4.8% decline in thermal power generation to 59.38 billion kWh.

##### Nuclear

The capacity factor was up from the last year, resulting in a year-on-year increase in nuclear power generation to 1.40 billion kWh.

Capacity factors in January 2016 and January 2015 were 4.7% and 0.0%, respectively (Japan Atomic Power Company's figures excluded).

#### Flow Rates

The flow rate across the nine companies except for Okinawa was 109.5%.

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

		This Month (Jan.)		Year-on-year Change (Prev. 3 months; %)		
		Summary	Year-on-year Change (%)	Dec.	Nov.	Oct.
Power Generated and Purchased (MWh)		81,077,739	-3.2	-10.2	-2.8	-4.4
Generated by Source (MWh)	Hydro	3,956,475	-1.8	6.3	4.5	-9.6
	Thermal	59,376,328	-4.8	-14.3	-5.1	-4.0
	Nuclear	1,397,559	-	-	-	-
	New Energy etc.	232,429	-2.2	-2.8	21.7	-3.9
Purchased (MWh)		16,546,389	-4.6	-7.4	-4.5	-8.9
Power for Pumped-Storage Hydro (MWh)		-431,441	70.2	-5.7	74.7	32.6
Flow Rate (%)		109.5	(same month of last year) 119.7	130.2	106.1	94.4
Nuclear Capacity Factor (%) (incl. JAPC)		4.5	(same month of last year) 0.0	4.5	4.4	2.7

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

	FY 2014	Jan. 2015	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2016
10-Co. Total	-3.2	-1.8	-4.2	-3.4	-1.2	-2.8	-3.1	-2.4	-0.7	-3.5	-4.4	-2.8	-10.2	-3.2

Remarks: Figures up to November 2013 are confirmed values.

#### <Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	5,181,598	629,171	673,664	4,618,553	0
Consumed	5,520,169	767,620	853,274	4,988,533	0