

Electricity Generated and Purchased in July 2011 (Bulletin)

1. Nationwide Summary

Due mainly to the effect of the Great East Japan Earthquake, total electricity generated and purchased across the 10 companies in July 2011 declined by 8.6% from the last year to 82.95 billion kWh.

(Breakdown)

Hydro:

Hydroelectric generation decreased by 12.4% from the last year to 6.85 billion kWh due mainly to lower flow rates than a year earlier.

Thermal:

Decreased amount of electricity generated by nuclear power led to a year-on-year 14.6% increase in thermal power generation to 49.43 billion kWh.

Nuclear:

The capacity factor, of those excluding Japan Atomic Power Company, was down from the last year, resulting in a year-on-year 50.2% decrease in nuclear power generation to 12.35 billion kWh.

Capacity factors in July 2011 and July 2010 were 35.8% and 72.1%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 99.0%.

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

	This Month (July)		Year-on-year Change (Prev. 3 months; %)			
	Summary	Year-on-year Change (%)	June	May	April	
Power Generated and Purchased (MWh)	82,954,295	-8.6	-5.2	-4.8	-8.2	
Generated by Source (MWh)	Hydro	6,849,757	-12.4	7.3	-0.3	-27.6
	Thermal	49,430,280	14.6	17.5	18.6	6.3
	Nuclear	12,348,499	-50.2	-42.4	-31.5	-23.9
	New Energy etc.	220,603	12.5	4.3	-9.5	-6.2
Purchased (MWh)	15,166,397	-4.7	-9.6	-20.7	-10.9	
Power for Pumped-Storage Hydro (MWh)	-1,061,241	-7.6	3.0	-14.3	-42.0	
Flow Rate (%)	99.0	(same month of last year) 117.0	120.1	110.6	84.4	
Nuclear Capacity Factor (%) (incl. JAPC)	33.9	(same month of last year) 70.0	36.8	40.9	50.9	

Note: In accordance with a ministerial ordinance to revise a portion of electricity-related reporting regulations, the following revisions have been made since the May 2010 report.

- The power generation breakdown now includes the category, "renewable energy, etc. (wind, photovoltaic, geothermal, etc.)".

- Geothermal power was moved from "thermal power generation" to "renewable energy, etc."

- The category of "pumped storage power" was added.

In addition, the rates of increase from months of the previous year for the categories, "thermal power", "renewable energy, etc." and "pumped storage power", are calculated based on the revised classifications.

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

	FY 2010	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2011	Feb.	Mar.	Apr.	May	Jun.	Jul.
10-Co. Total	5.1	7.7	13.3	11.8	2.5	1.6	1.0	5.9	1.6	-3.1	-8.2	-4.8	-5.2	-8.6

Remarks: Figures up to June 2011 are confirmed values.

<Reference> Fuel Use by Type

	Coal (ton)	Heavy Fuel Oil (kl)	Crude Oil (kl)	LNG (ton)	Naphtha (kl)
Purchased	3,865,514	901,703	720,421	4,548,541	0
Consumed	4,458,755	761,670	572,444	4,495,932	0