

## Electricity Generated and Purchased in First Half of Fiscal 2010 (Bulletin)

### 1. Nationwide Summary

Due mainly to increased large industrial user demand from the previous year, in addition to increased cooling demand caused by the record high temperatures in this summer, total energy generated and purchased across the 10 companies in the first half of fiscal 2010 rose by 8.8% from a year earlier to 496.35 billion kWh.

(Breakdown)

Hydro:

Hydroelectric generation increased by 19.0% to 39.68 billion kWh, due mainly to higher flow rates than a year earlier.

Thermal:

Due principally to the general increase in total electricity generated and purchased, thermal power generation rose by 6.2% to 237.69 billion kWh.

Nuclear:

The capacity factor was up from a year earlier, resulting in a 9.4% increase in nuclear power generation to 137.43 billion kWh.

Capacity factors in the first half of fiscal 2010 and the first half of fiscal 2009 were 67.7% and 62.3%, respectively (Japan Atomic Power Company figures excluded).

[Flow Rates]

The flow rate across the nine companies except for Okinawa was 106.2%.

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

	This Month (1st Half of FY2010)		Year-on-year Change (Prev. 3 months; %)			
	Summary	Year-on-year Change (%)	2nd Half of FY2009	1st Half of FY2009	2nd Half of FY2008	
Power Generated and Purchased (MWh)	496,352,583	8.8	1.8	-8.2	-6.2	
Generated by Source (MWh)	Hydro	39,679,217	19.0	8.6	-2.0	0.5
	Thermal	237,691,480	6.2	-4.9	-14.4	-14.2
	Nuclear	137,427,981	9.4	12.0	3.2	6.6
	New Energy etc.	1,227,575	-11.7	-3.8	14.4	-4.4
Purchased (MWh)	86,209,494	13.2	4.5	-9.4	-1.6	
Power for Pumped-Storage Hydro (MWh)	-5,883,352	46.5	6.5	-22.6	-46.4	
Flow Rate (%)	106.2	(same month of last year) 89.4	105.1	89.4	94.2	
Nuclear Capacity Factor (%) (incl. JAPC)	67.0	(same month of last year) 63.0	68.5	63.0	61.8	

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 (%)

	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	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	24,919,132	3,230,229	2,402,189	21,570,182	0
Consumed	24,656,679	3,277,360	2,570,401	20,461,987	11,885