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## [ IV. Outline of Electricity Supply Plans ]

### 1. Outlook for Electric Power Demand

#### (1) Electricity Sales

- With the rise of the production level due to the economic recovery, electricity sales for FY2010 is estimated to grow 1.9% from the previous fiscal year (after adjustment for air temperature), and this could be the first time increase in 3 years.
- In the medium- and long-term, the economy is expected to grow moderately, but, on the other hand, escalation of competition with other energy industries and promotion of energy conservation are also expected. Therefore, the average annual rate of increase from FY2008 to FY2019 is estimated 1.0% (after adjustment for air temperature).

#### (2) Peak Demand

- Because of increase of electricity sales due to the moderate economic recovery, etc., peak demand for FY2010 is estimated 59.10 million kW (daily peak at power generation end) which would exceed from the previous fiscal year.
- In the medium- and long-term, electricity sales is expected to grow moderately based on the gradual economic recovery. With improvement of load factor by diffusion of heat storage system etc., the average annual rate of increase from FY2008 to FY2019 is estimated 0.5% (three-day average peak demand at transmission end, after adjustment for air temperature).

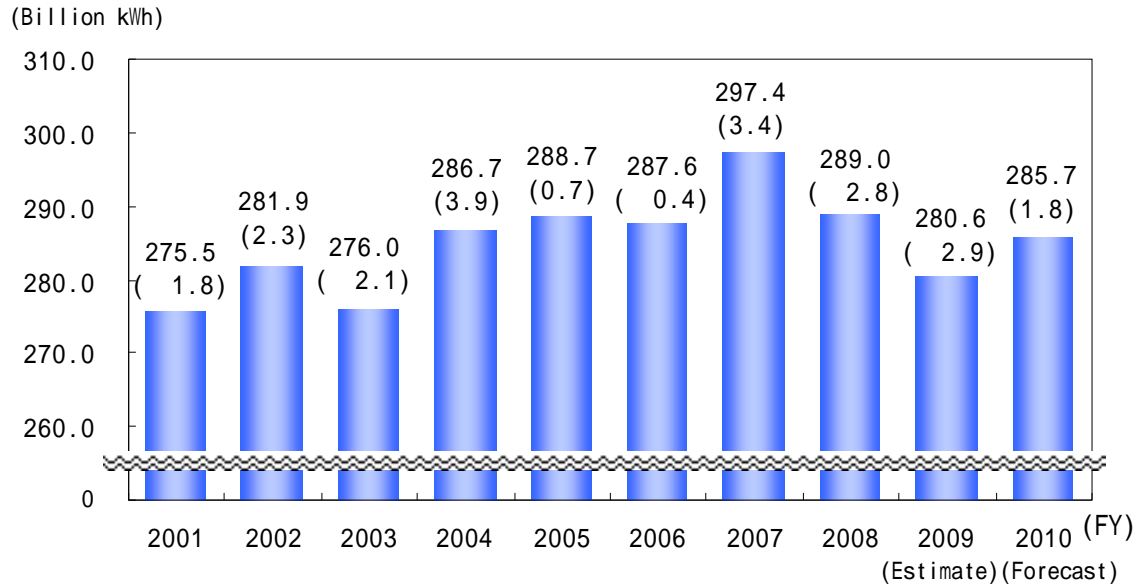
		2008	2009	2010	2019	2008 - 2019 Average Y-o-Y change (%)	Comparison with previous plan [2018]	
		[actual]	[estimate]				Current plan	Previous plan
Electricity sales volume (Billion kWh)		289.0	280.6	285.7	321.6	-	318.3	329.1
	Y-o-Y change (%)	-2.8 (-1.9)	-2.9 (-2.9)	1.8 (1.9)	-	1.0 (1.0)	Difference: -10.8 billion kWh (96.7%)	
Peak demand	3-day average peak demand at transmission end (Million kW)	58.91	52.54	56.65	61.50	-	61.14	62.28
	Y-o-Y change (%)	-0.1 (1.0)	-10.8 (-3.7)	7.8 (1.3)	-	0.4 (0.5)	Difference: -1.14 million kW (98.2%)	
	Daily peak at power generation end (Million kW)	60.89	54.50	59.10	-	-		

Note 1: The figures in the parentheses of electricity sales represent those after adjustment for air temperature and intercalary correction, and the figures in parentheses of peak demand represent the growth rates after adjustment for air temperature.

Note 2: "3-day average peak demand at transmission end" and "daily peak at power generation end" for FY 2009 indicate the portion of July.

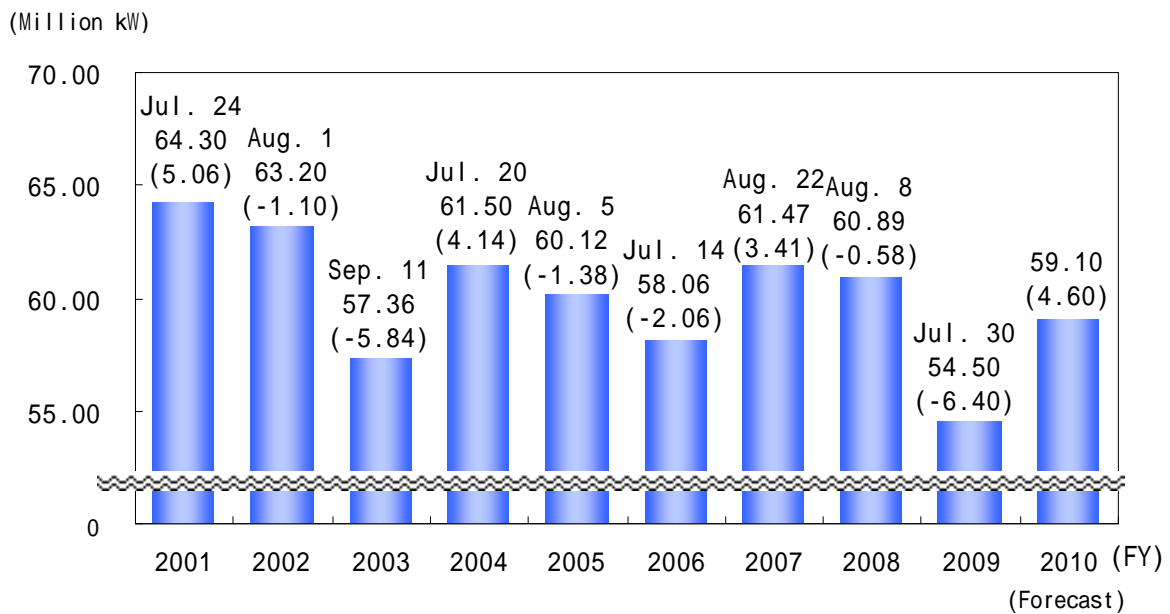
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### < Electricity Sales Volume >



- Figures in parentheses represent Year on Year charge.

### < Peak Demand (Daily Peak at Generation End) >



- Figures in parentheses represent the difference from previous year (Million kW).

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## **2. Power Generation Facility Plan**

### **<Major Power Generation Facility>**

Type	Location	Output (Million kW)	Start of commercial operation
Nuclear	Fukushima Daiichi Units 7 and 8	1.38 each	October 2016, October 2017
	Higashidori Units 1 and 2	1.385 each	March 2017, FY 2020 or later
Coal Thermal	Hitachinaka Unit 2	1.00	December 2013
	Hirono Unit 6	0.60	December 2013
LNG Thermal	Futtsu Group 4	1.52	July 2008, November 2009, October 2010
	Kawasaki Group 2	1.92	February 2013, FY 2016 and 2017
	Goi Group 1	2.13	FY 2020 or later
Pumped Storage Hydroelectric	Kazunogawa	1.60	December 1999, June 2000, FY 2020 or later
	Kannagawa	2.82	December 2005, July 2012, FY 2020 or later
Renewable Energies	Ukishima Solar Power Plant	0.007	August 2011
	Ohgishima Solar Power Plant	0.013	December 2011
	Komekurayama Solar Power Plant	0.01	FY 2011, FY 2013
	Higashi-Izu Wind Power Station	0.01837	March 2011

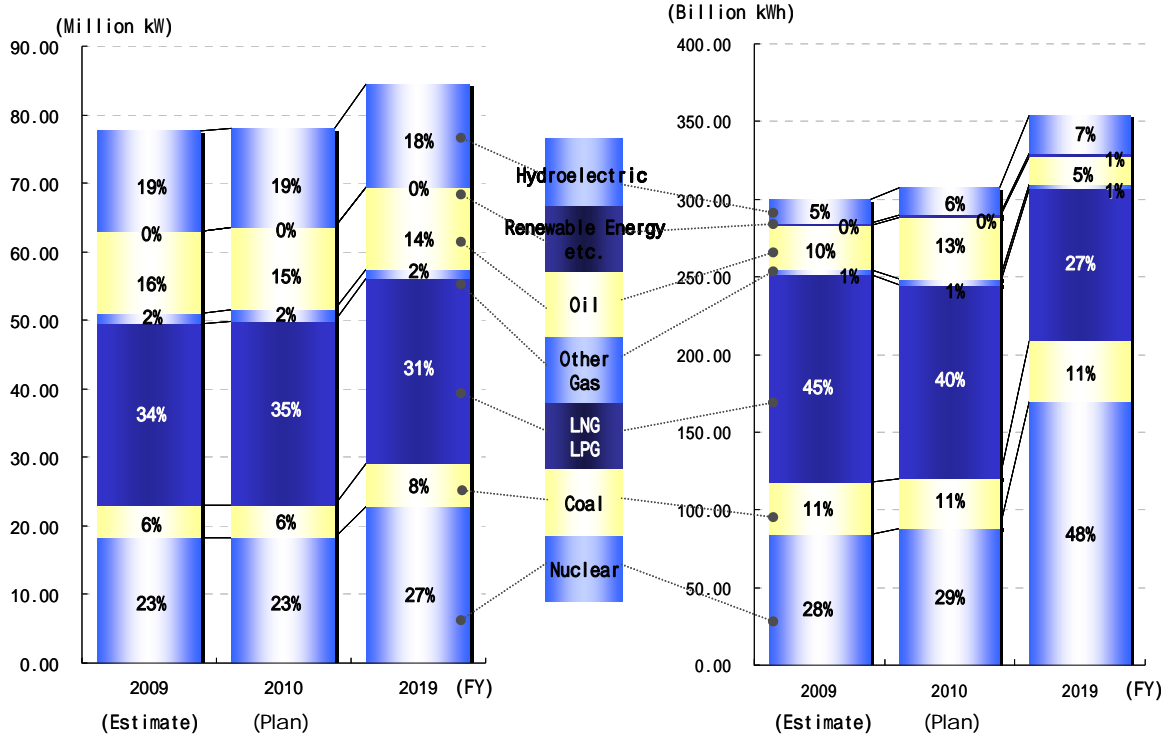
### **<Wide Area Power Generation Development Plan>**

Type	Location	Developer	Output (Million kW)	Start of commercial operation
Nuclear	Ohma	J-POWER	1.383	November 2014

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<Generating Capacity at Fiscal Year-End>

<Power Output>



Note: Including electricity purchasing from other electric power companies

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**<Reference> The Amount of Investment for Electric Facilities**  
 The average amount of investment for electric facilities from FY2010 to FY2012 is estimated to be approximately 780 billion yen.