

2013

TEPCO

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— CONTENTS —

I.	TEPCO Outline .....	1
1.	TEPCO Service Area .....	1
2.	Company Highlights .....	2
(1)	Company Highlights .....	2
(2)	Business Scale Developments .....	3
(3)	Business Scale by Area .....	4
(4)	Comparison of TEPCO with 10 Japanese Electric Power Companies (Total) .....	5
a.	Position of TEPCO in Japanese Electric Power Industry .....	5
b.	Business Highlights for All Japanese Electric Power Companies .....	6
3.	Organization Chart .....	7
II.	Management Rationalization .....	8
1.	Cost Reduction .....	8
<Reference>	Concrete measures aiming for cost reduction .....	8
2.	Asset Sales .....	9
III.	Power Demand .....	10
1.	Electricity Sales .....	10
(1)	Changes in Electricity Sales and Number of Customers (since FY2005) .....	10
(2)	Changes in Electricity Sales and Number of Customers (FY2000 – FY2004) .....	11
(3)	Changes in Electricity Sales and Number of Customers (until FY1999) .....	12
(4)	Changes in Japan’s GDP and TEPCO’s Power Demand .....	14
(5)	Average Rates of Increase in GDP, Final Energy Consumption, Electricity Sales, and Peak Demand .....	15
(6)	Recent Changes in GDP Elasticity .....	15
(7)	Changes in Percentage Composition of Large Industrial Power Customers by Industry Type .....	16
(8)	Electric Curve of Large Industrial Power as Diffusion Index .....	17
(9)	Residential Customer Power Demand Changes in Energy Consumption and Contract Power per Household (Monthly Average in the TEPCO Service Area) .....	18
2.	Peak Demand .....	19
(1)	Changes in Peak Demand (Daily Peak at Generation End) .....	19
<Reference>	Recent Changes in Peak Demand .....	20
(2)	Trend of Monthly Peak Demand (Daily Peak at Generation End) .....	21
(3)	Pattern of Daily Electricity Usage (dates of annual peak demand recorded) .....	22
IV.	Electricity Supply Facilities .....	23
1.	Power Generation Facilities .....	23
(1)	Power Generation (authorized capacity) .....	23
<Reference>	Special Note on Power Generation Facility .....	23
(2)	Generation Capacity by Energy Source .....	25
a.	Generation Capacity by Energy Source (TEPCO only) .....	25
b.	Generation Capacity by Energy Source (TEPCO including purchased power) .....	25
<Reference>	Combining of Energy Sources to Meet Changing Demand .....	26
(3)	Major Power Generation Facilities .....	27
a.	Hydroelectric Power (as of April 1, 2013) .....	27
b.	Thermal Power (as of July 1, 2013) .....	31
<Reference>	Thermal Power Generation Efficiency (LHV: Lower Heating Value) .....	34

c.	Nuclear Power (as of April 1, 2013).....	35
d.	New Energy (as of April 1, 2013).....	35
	<Reference> Sites Where TEPCO Has Introduced New Energy (as of the end of March 2013).....	36
(4)	Electricity Generated and Purchased.....	37
(5)	Changes in Power Output Composition by Energy Sources (TEPCO including purchased power).....	38
a.	TEPCO .....	38
b.	10 Electric Power Companies.....	39
(6)	Electricity Supply Plan.....	40
a.	Electric Power Development Program.....	40
	<Reference> Decommissioning Plan of Emergency power source.....	40
b.	Demand Outlook.....	41
c.	Peak Demand Outlook.....	41
(7)	Wide Area Coordination System Operation.....	42
a.	Purpose.....	42
b.	Recent Situations.....	42
	<Reference> Classification of Power Exchange .....	42
c.	History of Wide Area Coordination System Operation at TEPCO .....	43
d.	Current Situation of Interconnection for Wide-Area Operation.....	44
(8)	Summary of Bid System for Wholesale Supply of Electric Power .....	45
a.	Screening Results .....	45
b.	List of Successful Bidders.....	45
①	Successful Bidders for FY1996 (Chronological order).....	45
②	Successful Bidders for FY1997 (Chronological order).....	45
③	Successful Bidders for FY1999 (Chronological order).....	46
c.	IPP Power Supply Procurement (procurement amount: total and by fiscal year) .....	46
	<Reference> Power Generation Cost per Power Source .....	47
2.	Transmission and Distribution Facilities.....	48
(1)	Transmission / Underground Transmission.....	48
a.	Transmission Facilities by Voltage.....	48
b.	Underground Transmission Line Installation Rate.....	48
	<Reference> 1MV Designed Power Transmission Lines (UHV: Ultra High Voltage lines).....	49
(2)	Substation Facilities.....	50
(3)	Distribution Facilities.....	51
a.	Number of Supports and Transformers for Distribution Facilities.....	51
b.	Underground Distribution Line Installation Rate.....	51
	<Reference> Transmission and Distribution Loss Rate.....	52
	<Reference> Changes in Automatization Rate of Hydroelectric Power Stations and Substations.....	52
3.	Forced Outages.....	53
V.	Fuels .....	54
1.	Fuel Consumption (Thermal power).....	54
2.	Crude Oil / Heavy Oil .....	55
(1)	Crude Oil Purchase and Consumption.....	55
a.	TEPCO's Crude Oil Purchase and Consumption.....	55
b.	Total Crude Oil Purchase and Consumption for 10 Electric Power Companies.....	55

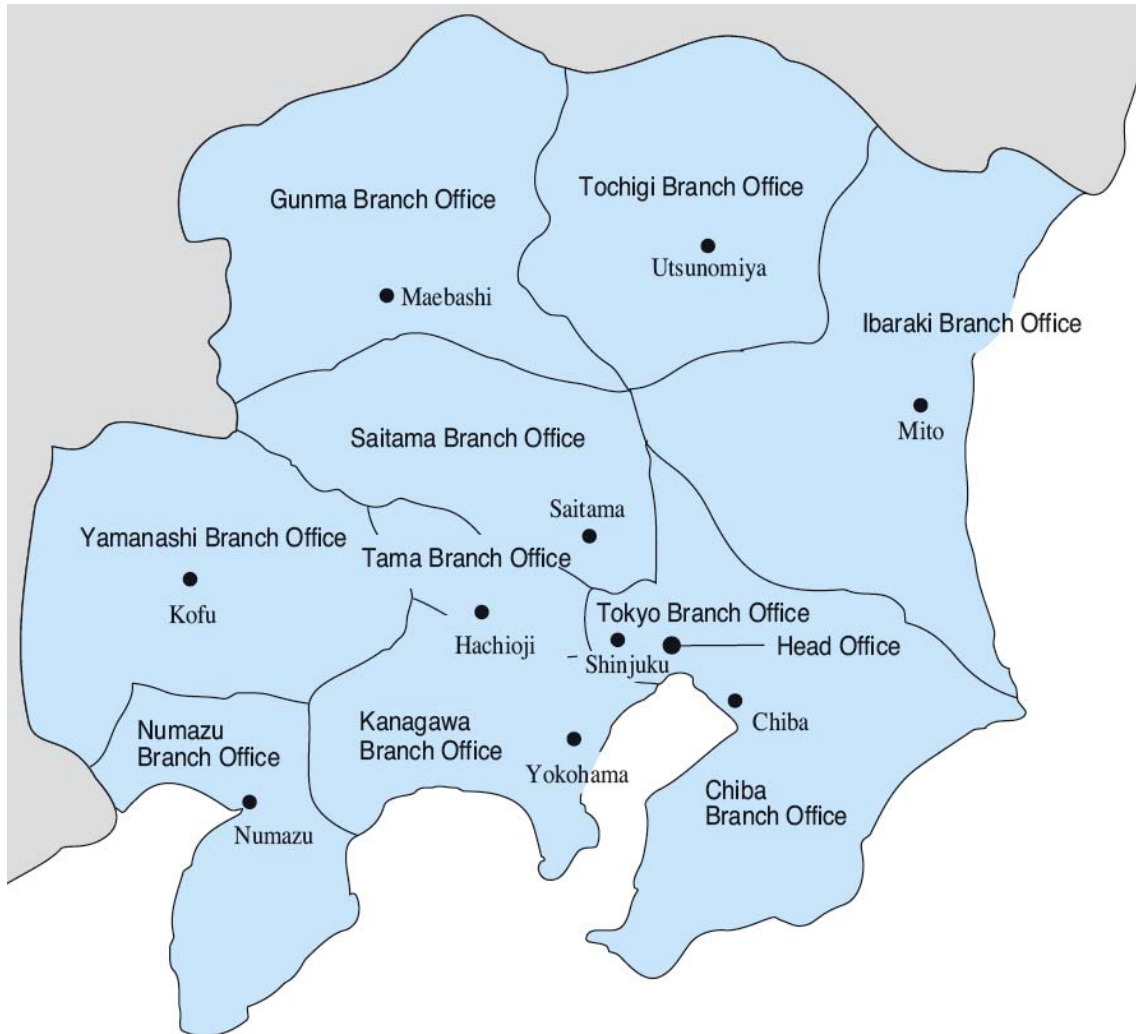
(2)	Heavy Oil Purchase and Consumption.....	56
a.	TEPCO's Heavy Oil Purchase and Consumption.....	56
b.	Total Heavy Oil Purchase and Consumption for 10 Electric Power Companies.....	56
(3)	Yearly Changes in Crude Oil CIF Pricing.....	57
	<Reference> Monthly Changes in Crude Oil Pricing.....	57
3.	LNG.....	58
(1)	LNG Purchase and Consumption.....	58
a.	TEPCO's LNG Purchase and Consumption.....	58
b.	Total LNG Purchase and Consumption for Electric Power Suppliers.....	58
(2)	TEPCO's LNG Contract Summary (long-term contracts only).....	59
4.	Coal.....	60
(1)	TEPCO's Coal Purchase and Consumption.....	60
(2)	Total Coal Purchase and Consumption for 10 Electric Power Companies.....	60
VI.	Nuclear Power.....	61
1.	Nuclear Power Generation.....	61
(1)	General Data on Nuclear Power Plants in Operation.....	61
(2)	Nuclear Power Station Capacity Factor Changes.....	62
(3)	Nuclear Power Station Performance.....	63
(4)	Annual Production of Solid Radioactive Wastes.....	64
2.	Nuclear Fuel Cycle.....	65
(1)	Outline of Nuclear Fuel Cycle Facilities.....	65
(2)	Japan's Procurement of Uranium (as of March 2011).....	66
(3)	Amount of Spent Fuel Storage.....	66
(4)	Current Status of Nuclear Fuel Reprocessing Contracts.....	67
(5)	High-Level Radioactive Waste Storage Conditions.....	68
VII.	Accounting.....	69
1.	Financial strength.....	69
(1)	Changes in Ordinary income.....	69
(2)	Changes in ROA and ROE.....	69
(3)	Changes in Outstanding Amount of Interest-Bearing Liabilities.....	70
2.	Balance Sheet.....	71
(1)	Non-Consolidated.....	71
(2)	Consolidated.....	72
3.	Statement of Income.....	73
(1)	Non-Consolidated.....	73
(2)	Consolidated.....	74
4.	Summary of Non-Consolidated Financial Results.....	75
5.	Consolidated Statements of Cash Flow.....	76
6.	Changes in Ordinary Income.....	77
(1)	Non-Consolidated.....	77
(2)	Consolidated.....	77
7.	Changes in Capital.....	78
8.	Changes in Numbers of Shareholders and Shares (including shareholders and shares less than one unit).....	79
	<Reference> Comparison with Other Industries in terms of Ratio of Individual Shareholders and Ratio of Individual Stock Ownership (per unit).....	79

<Reference> Current Distribution of Shares (per unit) by Owners.....	80
<Reference> Major Shareholders (top 10 shareholders).....	81
9. Changes in Shareholders' Equity Ratio .....	82
10.Changes in Return on Assets.....	82
11.Changes in Costs of Supplying Electricity.....	83
<Reference> Changes in Equipment Expenses and Fuel Costs per kWh of Electricity Sales .....	83
<Reference> Changes in Exchange Rate (Interbank Monthly Average).....	84
<Reference> Annual Exchange Rate (Interbank) .....	84
VIII. Capital Investment and Financing.....	85
1. Changes in Capital Investment and Plans .....	85
2. Changes (Net Increase) in Plans for Raising Equipment Funds.....	86
(1) TEPCO.....	86
(2) 10 Electric Power Companies.....	86
3. Changes in Amount of Corporate Bonds Issued.....	87
4. Balance of Corporate Bonds and Loans Payable.....	88
5. Changes in Materials Procurement Cost.....	88
IX. Electricity Rates and Rate Systems.....	89
1. Electricity Rates.....	89
(1) Unit Price of Electricity (become effective on May 15, 2013) .....	89
(2) Number of Customers Served and Contract Power by Use.....	95
(3) Fuel Cost Adjustment System.....	96
<Reference> Changes in Electricity Rates of the Average Model in the Past 10 Years.....	98
(4) Renewable Energy Power Promotion Surcharge (Renewable Energy Surcharge) based on the Feed-in Tariff Scheme for Renewable Energy and the Photovoltaic Power Promotion Surcharge (Solar Surcharge) based on the Surplus Electricity Buyback Program for Photovoltaic Power Generation .....	99
(5) Overall Electricity Rates for Residential and Power Services .....	104
(6) Ratios of Electricity Bills to Household Expenses and Production Amount.....	105
a. Ratio of Electricity Bills to Household Expenses (all households nationwide).....	105
b. Ratio of Electricity Bills to Production Amount (total for manufacturing industry sector) ..	105
c. Ratio of Electricity Bills to Production Amount (by industry).....	105
2. Calculation and Revision of Electricity Rates.....	106
(1) Calculation Process of Electricity Rates.....	106
(2) Electricity Rates Revision History.....	107
<Reference> Comparison of Rate Increases for Electric Power and Other Public Services (in Tokyo Metropolitan 23 wards).....	108
X. Technology Development and Renewable Energy .....	109
1. Research and Development.....	109
(1) Changes in Research and Development Expenditure .....	109
(2) Ratio of Research and Development Expenditure to Sales .....	109
(3) Changes in the Number of Patent Applications.....	109
2. Renewable Energy.....	110
(1) Purchase of Surplus Power from Solar, Wind and Waste Power Plants .....	110
<Reference> Purchase of Electricity from Solar and Wind Power .....	110
XI. Environmental Protection Measures.....	111
1. Changes in SOx and NOx Emissions Intensity per Power Output from Thermal Power Stations.....	111

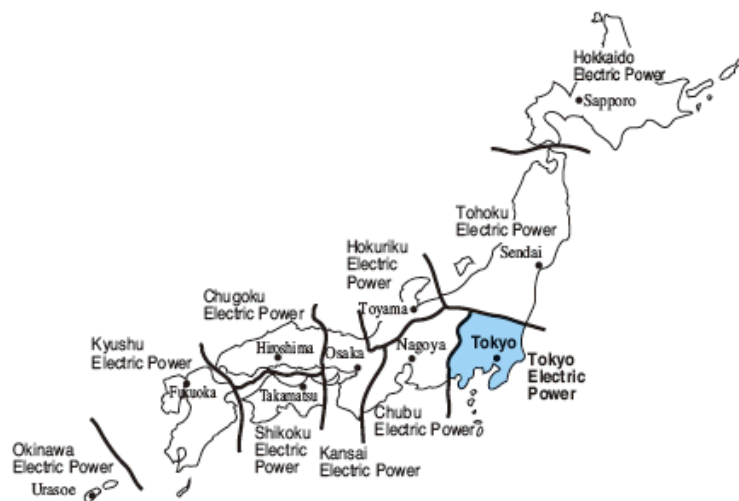
<Reference> CO <sub>2</sub> Emissions per kWh of Electricity Usage (for Life Cycle CO <sub>2</sub> by type of power source in Japan) .....	112
2. Changes in TEPCO's CO <sub>2</sub> Emissions and Emissions Intensity.....	113
<Reference> List of CO <sub>2</sub> Emission Factor for Each Company (FY2011) .....	113
3. Internal Environmental Costs (for TEPCO alone in FY2012).....	114
4. TEPCO's Efforts toward Recycling of Industrial Waste etc .....	115
5. Overview of PCB Treatment Facilities.....	116
XII. Related Businesses.....	117
1. Major Affiliated Companies.....	117
(1) Consolidated Subsidiaries.....	117
(2) Affiliated Companies (Equity Method Affiliated Companies).....	120
(3) Affiliated Companies (Companies Other than Equity Method Affiliated Companies) .....	121
2. Outline of TEPCO Gas Business.....	122
XIII. Other Data.....	123
1. Development Status of Overseas Business.....	123
(1) Major Overseas Investment Activities (Power Generation).....	123
(2) Changes in Total Generation Capacity of Overseas Project .....	123
(3) Recent Major Overseas Consulting Services.....	124
(4) Changes in Sales and Number of Contracts of Overseas Consulting Services .....	124
2. Comparison with Foreign Countries.....	125
(1) Major Electric Power Companies in the World .....	125
(2) Peak Demand in Major Countries.....	126
(3) Energy Dependency of Major Countries (2010).....	127
(4) Composition of Primary Energy Sources in Major Countries (2010) .....	127
(5) Power Source Shares by Major Countries .....	128
(6) International Comparison of Thermal Power Generation Efficiency .....	130
(7) International Comparison of Solar and Wind Power Generation Installations.....	130
<Reference> Japan's Energy Self-Sufficiency Rate (2010) .....	131
<Reference> Self-Sufficiency Rate by Energy Source in Japan (2010).....	131

# I. TEPCO Outline

## 1. TEPCO Service Area



(Service Areas of the 10 Electric Power Companies in Japan)





## 2. Company Highlights

### (1) Company Highlights

- Capital stock: 1,400,975,722,050 yen (As of the end of July 2013)
- Total number of shares issued: 3,547,017,531 (As of the end of March 2013)
- Number of shareholders: 867,704 (As of the end of March 2013)
- Electricity sales: (FY2012)
  - For lighting: 95,277 GWh
  - For power: 173,756 GWh
  - Total: 269,033 GWh
- Peak demand: 64.30 GW (As of July 24, 2001)
- Number of customers (Period ended March 31, 2013 exc. specified-scale demand)
  - For lighting: 26.83 million · 96.93 GW
  - For power: 2.06 million · 13.94 GW
  - Total: 28.88 million · 110.87 GW
- Revenue from electricity sales: 5,375.4 billion yen (As of FY2012)
- Number of power stations and generation capacity (As of the end of March 2013)
  - Hydro: 164 9.454 GW
  - Thermal: 25 41.598 GW
  - Oil 11.090 GW
  - Coal 1.600 GW
  - LN(P)G 28.908 GW
  - Nuclear: 3 14.496 GW \*
  - New Energy, etc. 5 0.034 GW
  - Total: 197 65.582 GW
- Capital investment: 650.2 billion yen (As of FY2012)
- Utility fixed assets: 7,379.5 billion yen
- Number of employees: 37,231 (As of the end of March 2013)

\* Following the notification of decommissioning submitted on March 30, 2012 in accordance with Article 9 of the Electric Utilities Industry Law, Units 1-4 (2,812MW) at Fukushima Daiichi Nuclear Power Station were decommissioned on April 19, 2012.

(2) Business Scale Developments

At the End of FY	1951	1955	1965	1975	1985	1995	2005	2007	2008	2009	2010	2011	2012	Total of 10 EP Co. 2012
Capital Stock (billion yen)	1.4	13.1 (9.4)	120.0 (85.7)	400.8 (286.3)	650.0 (464.3)	676.4 (483.1)	676.4 (483.1)	676.4 (483.1)	676.4 (483.1)	676.4 (483.1)	900.9 (643.5)	900.9 (643.5)	1,400.9 <sup>*</sup> (1,000.6)	3,380.4
Total number of shares issued	2,920,000	26,280,000 (9.0)	240,000,000 (82.2)	801,798,600 (274.6)	1,300,000,000 (445.2)	1,352,867,394 (463.3)	1,352,867,531 (463.3)	1,352,867,531 (463.3)	1,352,867,531 (463.3)	1,352,867,531 (463.3)	1,607,017,531 (550.3)	1,607,017,531 (550.3)	3,547,017,531 (1214.7)	7,258,108,885
Number of shareholders	86,538	107,508 (1.2)	201,853 (2.3)	353,853 (4.1)	384,401 (4.4)	860,249 (9.9)	801,025 (9.3)	811,725 (9.4)	793,488 (9.2)	794,653 (9.2)	933,031 (10.8)	898,831 (10.4)	867,704 (10.0)	2,412,534
Electricity Sales (TWh)	7.3	10.9 (1.5)	41.0 (5.6)	102.2 (14.0)	165.3 (22.6)	254.4 (34.8)	288.7 (39.5)	297.4 (40.7)	289.0 (39.6)	280.2 (38.4)	293.4 (40.2)	268.2 (36.7)	269.0 (36.8)	851.6
Peak demand (GW)	1.67 (1.0)	2.57 (1.5)	8.42 (5.0)	23.04 (13.8)	36.78 (22.0)	58.65 (35.1)	60.12 (36.0)	61.47 (36.8)	60.89 (36.5)	54.50 (32.6)	59.99 (35.9)	49.66 (29.7)	50.78 (30.4)	155.95
Number of Customers (million)	3.97	4.52 (1.1)	8.22 (2.1)	15.05 (3.8)	19.95 (5.0)	24.88 (6.3)	27.80 (7.0)	28.34 (7.1)	28.51 (7.2)	28.62 (7.2)	28.73 (7.2)	28.78 (7.2)	28.88 (7.3)	84.20
Revenue from Electricity Sales (billion yen)	25.8	57.6 (2.2)	274.7 (10.6)	1,249.6 (48.4)	4,032.3 (156.3)	4,900.6 (189.9)	4,682.0 (181.5)	4,914.7 (190.5)	5,295.9 (205.3)	4,504.5 (174.6)	4,796.5 (185.9)	4,754.0 (184.3)	5,375.4 (208.3)	15,284.0
Generation Capacity (GW)	1.82	2.44 (1.3)	8.10 (4.5)	24.59 (13.5)	37.59 (20.7)	51.21 (28.1)	61.84 (34.0)	62.47 (34.3)	63.98 (35.2)	64.49 (35.4)	64.99 (35.7)	66.47 (36.5)	65.58 (36.0)	209.23
Capital Investment (billion yen)	8.6	28.5 (3.3)	124.6 (14.5)	383.2 (44.6)	1,104.3 (127.9)	1,399.2 (162.7)	505.0 (58.7)	568.8 (66.1)	590.2 (68.6)	592.1 (68.8)	614.9 (71.5)	674.4 (78.4)	650.2 (75.6)	2086.7
Utility Fixed Assets (billion yen)	77.0	165.2 (2.1)	643.3 (8.4)	1,778.8 (23.1)	6,360.4 (82.6)	9,654.5 (125.4)	9,154.9 (118.9)	8,416.0 (109.3)	8,159.5 (106.0)	7,871.7 (102.2)	7,673.2 (99.7)	7,440.5 (96.6)	7,379.5 (95.8)	23,893.0
Number of employees	29,274	29,453 (1.0)	37,724 (1.3)	38,341 (1.3)	39,058 (1.3)	43,448 (1.5)	38,235 (1.3)	38,234 (1.3)	38,030 (1.3)	38,227 (1.3)	38,671 (1.3)	38,701 (1.3)	37,231 (1.3)	123,731

- Notes
1. Numerical data (Revenue from electricity sales and Electricity sales) for FY1951 include those of Kanto Haiden Kabushiki Kaisha for April 1951.
  2. Figures in parentheses are a multiplication unit with the reference value for FY1951 or the end of FY1951 being one.
  3. Figures for capital stock, revenue from electricity sales, capital investment, and utility fixed assets are obtained by omitting fractions smaller than 0.1 billion yen. Those for other items are obtained by rounding.
  4. \* The Nuclear Damage Liability Facilitation Fund has paid a total of 1 trillion yen to acquire the preferred shares issued by TEPCO on July 31, 2012. This resulted in a capital of 1,400.9 billion yen (500 billion yen increase).
  5. The number of employees is that of persons at work. The number of employees of TEPCO includes employees seconded to other companies and agencies.
  6. The number of customers of 10 electric power companies excludes those in the specific-scale demand and is based on electric service contracts.

## (3) Business Scale by Area

(As of the end of FY2012)

Branch Offices	Area (k m <sup>2</sup> )	Population (million)	Number of Customers (million)	Electricity Sales (TWh)	Peak Demand		Service Centers	Generation Capacity(GW)					
					GW	Date		Hydro	Thermal	Nuclear	New Energy etc.	Total	
Tochigi	6,413	1.99	1.32	16.5	2.99	8.23	3	2.206	-	-	-	-	2.206
Gunma	6,393	2.04	1.33	15.7	2.88	8.23	4	2.909	-	-	-	-	2.909
Ibaraki	6,116	2.95	1.96	24.7	4.04	8.23	4	-	6.204	-	-	-	6.204
Saitama	3,790	7.21	4.30	37.0	7.18	7.27	6	-	-	-	-	-	-
Chiba	5,137	6.07	3.91	35.9	6.01	8.30	5	-	18.014	-	-	-	18.014
Kanagawa	2,445	9.27	5.42	48.5	8.54	2.19	7	0.046	11.131	-	0.020	-	11.196
Yamanashi	4,323	0.88	0.66	5.9	1.09	8.23	2	1.055	-	-	0.010	-	1.065
Numazu	2,631	1.21	0.86	10.1	1.68	8.30	3	0.018	-	-	-	-	0.018
Tokyo 2 Branch Offices	2,264	13.13	9.12	74.7	14.30	7.27 8.30	11	0	2.450	-	0.004	-	2.454
Others					-			3.220	3.800		*2 144.96	-	21.516
Total	39,512 (10)	44.76 (35)	28.88	269.0 (32)	*1 50.78 (33)	8.30	45	9.454 (26)	41.598 (32)	14.496 (33)	0.034 (6)	-	65.582 (31)
Total for Entire Nation (Total of 10 EP Co.)	377,960	127.36	84.20	851.6	155.95	7.27		36.095	129.044	43.531	0.559	-	209.229

## Notes:

1. New energy etc. consist of wind, photovoltaic, waste, geothermal and biomass power generation (facilities with expected supply capacity and TEPCO's approved facilities).
2. Numazu refers to a part of TEPCO's service area on the east of the Fuji River in Shizuoka Prefecture. The data for TEPCO's two branch offices in Tokyo are based on the total of the Tokyo and Tama branch offices.
3. Figures in parentheses represent the ratio (%) to the total for the entire nation (total for 10 electric power companies).
4. The figures for TEPCO's area represent the total of the areas that its branch offices cover. The figure for total for the entire nation (total of the 10 electric power companies) is as of October 1, 2012. Source: "Statistical Reports on the Land Area by Prefectures and Municipalities in Japan," Ministry of Land, Infrastructure, Transport and Tourism.
5. Figures for peak demand represent peak demand recorded at the consumption end in the area that each branch office covers.  
\*1 The figure 50.78 does not agree with that for the total of peak demand recorded by each branch office because it represents the peak load registered by TEPCO as a whole (at the generation end).
6. The number of customers of 10 electric power companies excludes those in the specific-scale demand and is based on electric service contracts.
7. Totals in the table may not agree with the sums of each column because of being rounded off.
8. Figures for service centers are as of March 31, 2012.
9. The nationwide population figure is as of March 1, 2013. (Source: "Monthly Report on Current Population Estimates," Ministry of Internal Affairs and Communications.)
10. \*2 Following the notification of decommissioning submitted on March 30, 2012 in accordance with Article 9 of the Electric Utilities Industry Law, Units 1-4 (2,812MW) at Fukushima Daiichi Nuclear Power Station were decommissioned on April 19, 2012.

(4) Comparison of TEPCO with 10 Japanese Electric Power Companies (Total)

a. Position of TEPCO in Japanese Electric Power Industry

(As of the end of FY2012)

	TEPCO Service Area (a)	Total Service Area of 10 EP Co. (b)	(a) / (b)
Area (km <sup>2</sup> )	39,512	377,960	10.5%
Population (million)	44.76	127.36	35.1%
Population Density (persons/km <sup>2</sup> )	1,132.7	337.0	336.1%
Number of Customers (million)	28.88	84.20 <sup>*3</sup>	—
Electricity Sales (TWh)	269.0	851.6	31.6%
Peak Demand (GW)	50.78 <sup>*1</sup> <Aug. 30, 2012>	155.95 <Jul. 27, 2012>	32.6%
Capital Stock (billion yen)	1,400.9 <sup>*2</sup>	3,380.4	41.4%
Total Assets (billion yen)	1,461.97	42,590.6	34.3%
Gross Income (billion yen)	5,818.5	16,835.2	34.6%

Notes: The nationwide population is as of March 1, 2013. (Source: "Monthly Report on Current Population Estimates," Ministry of Internal Affairs and Communications.)

The nationwide area is as of October 1, 2012. (Source: "Statistical reports on the land area by prefectures and municipalities in Japan," Ministry of Land, Infrastructure, Transport and Tourism)

\*1 TEPCO's peak demand so far is 64.30 GW recorded on July 24, 2001.

\*2 The number of customers of 10 electric power companies excludes those in the specific-scale demand and is based on electric service contracts.

b. Business Highlights for All Japanese Electric Power Companies

(FY2012, or as of the end of March 2013)

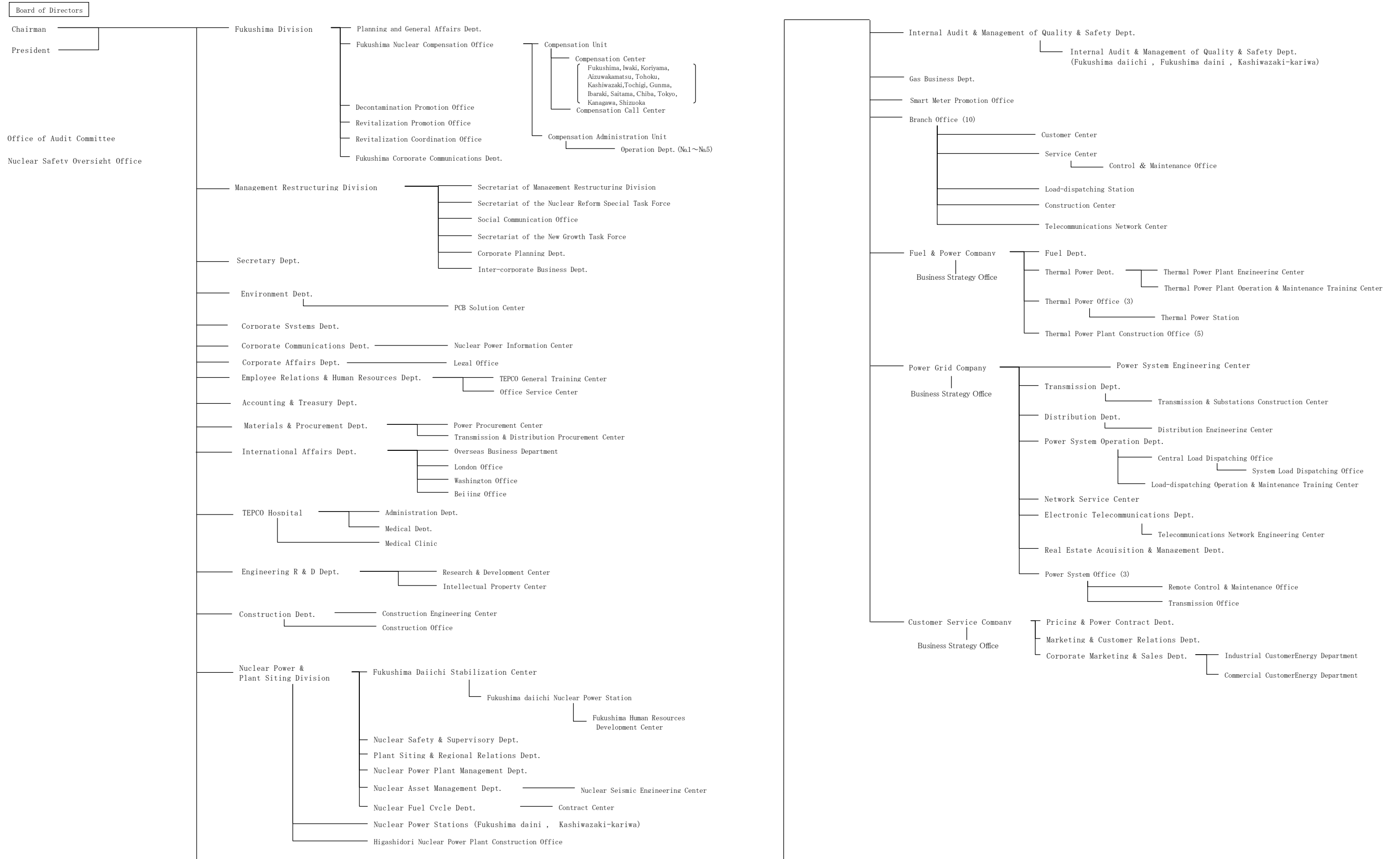
Electric Power Company	Item	Capital Stock (Million Yen)	Total Assets (Million Yen)	Hydro		Thermal		Nuclear		New Energy etc.		Total		Electricity Generated and Purchased (GWh)	Peak Demand (GW) <Date>	Electricity Sales (GWh)	Revenue from Electricity Sales (million yen)	No. of Customers (thousand)	No. of Employees
				No. of Power Stations	Maximum Output (MW)	No. of Power Stations	Maximum Output (MW)	No. of Power Stations	Maximum Output (MW)	No. of Power Stations	Maximum Output (MW)	No. of Power Stations	Maximum Output (MW)						
Hokkaido		114,291	1,607,002	54	1,239	12	4,214	1	2,070	2	26	69	7,549	34,938	<Jan. 12, 2011> 5.79	31,184	540,520	4,007	5,307
Tohoku		251,441	3,996,559	210	2,434	12	11,831	2	3,274	6	227	230	17,766	85,106	<Aug. 5, 2010> 15.57	77,833	1,362,159	7,668	12,423
Tokyo		1,400,975	14,619,772	164	9,453	25	41,598	3	14,496	5	34	197	65,581	289,704	<Jul. 24, 2001> 64.3	269,033	5,375,483	28,869	37,231
Chubu		430,777	5,592,806	183	5,225	12	25,159	1	3,617	3	31	199	34,032	137,140	<Aug. 5, 2008> 28.21	126,552	2,254,450	10,519	16,723
Hokuriku		117,641	1,366,144	129	1,906	6	4,400	1	1,746	7	9	143	8,061	30,989	<Aug. 5, 2010> 5.73	28,075	427,300	2,097	4,596
Kansai		489,320	6,757,662	151	8,208	12	16,972	3	9,768	1	10	167	34,958	153,320	<Aug. 2, 2001> 33.06	141,754	2,354,254	13,560	20,714
Chugoku		185,527	2,715,200	97	2,906	12	7,801	1	1,280	1	3	111	11,989	63,984	<Aug. 17, 2007> 12.29	58,647	992,804	5,223	8,973
Shikoku		145,551	1,318,731	58	1,141	4	3,797	1	2,022	2	2	65	6,963	30,099	<Aug. 4, 2008> 5.99	27,410	460,118	2,844	4,772
Kyushu		237,304	4,201,704	142	3,582	44	11,081	2	5,258	8	216	196	20,137	90,302	<Aug. 1, 2008> 17.71	83,787	1,360,424	8,558	11,452
Total of 9 EP Co.		3,372,827	42,175,580	1,188	36,095	139	126,854	15	43,531	35	559	1,377	207,038	915,582	<Jul. 24, 2001> 181.25	844,276	15,127,512	83,344	122,191
Okinawa		7,586	415,087	-	-	22	2,183	-	-	1	a	23	2,183	8,313	<Aug. 3, 2009> 1.54	7,314	156,821	859	1,540
Total of 10 EP Co.		3,380,413	42,590,667	1,188	36,095	161	129,036	15	43,531	36	559	1,400	209,221	923,895	<Jul. 24, 2001> 182.69	851,590	15,284,333	84,204	123,731
9 EP Co.	FY1951 or as of May 1, 1951	7,200	113,506	1,269	5,760	89	2,816	-	-	-	-	1,358	8,576	41,207	<Dec. 26, 1951> 6.36	30,382	109,891	15,717	136,851
	2011/1951 (times)	468.4	371.6	0.9	6.3	1.6	45.0	-	-	-	-	1.0	24.1	22.2	28.5	27.8	137.7	5.3	0.9

- Notes:
1. New energy etc. consist of wind, photovoltaic, waste, geothermal and biomass power generation (facilities with expected supply capacity and TEPCO's approved facilities).
  2. Fractions smaller than one MW were rounded to the nearest whole number for maximum outputs. Maximum output of new energy etc. in Okinawa is stated as "a" since it is less than 1,000 kW.
  3. Electricity generated and purchased = power generated by their own + power purchased from other utilities + electricity exchanged (deducted) - power for pumped storage.
  4. Figures for electricity sales include those for business operations and construction work but exclude those for inter-company power sales and for power sales to other utilities (with fractions smaller than one GWh when rounded).

5. Figures given for revenue from electricity sales exclude inter-company power sales and power sales to other utilities. Fractions smaller than a million yen are rounded down.
6. The number of employees is that of persons at work. The number of employees of TEPCO includes employees on loan to other companies and agencies.
7. [Redacted] in the above table indicates the item under which the utility holds first place among the ten electric power companies in Japan.
8. Totals in the table may not agree with the sums of each column because of being rounded off.
9. The number of customers is based on electric service contracts excluding those in the specified-scale demand. (Fractions smaller than a thousand customers are rounded to the nearest whole number.)

Sources: "Electric Power Statistics" (from the website of the Federation of Electric Power Companies of Japan)  
"Annual Securities Report," "Hand Book of Electric Power Industry"

### 3. Organization Chart



## II. Management Rationalization

Based on 'Comprehensive Special Business Plan' approved of by the ministers in charge on May 9, 2012, we are proceeding to drastically rationalize management, i.e., reducing cost as much as 365 billion in total for ten years from FY2012 to FY2021, and we will sell assets equivalent to 707.4 billion within 3 years from FY2011 to FY2013.

### 1. Cost Reduction

Measure	Comprehensive Special Business Plan (FY2012 to FY2021) Target (billion yen)	FY2012		FY2013
		Target (billion yen)	Achievement (billion yen)	Target (billion yen)
Procurement expenses of materials and services	664.1	45.9	111.2	49.2
Power purchase and fuel supply expenses	198.6	42.5	100.4	23.5
Personnel expenses	1,275.8	171.4	177.9	96.9
Other expenses	968.7	91.0	106.4	95.9
Facility investments	257.8	1.1	1.1	6.4
<b>Total</b>	<b>3,365.0</b>	<b>351.8</b>	<b>496.9</b>	<b>271.9*</b>

\*As for the cost reduction in FY2013, we will aim to add another 100 billion yen (the Intensive Reform Implementation Action Plan) to the cost reduction target (271.9 billion) mentioned in the Comprehensive Special Business Plan.

<Reference> Concrete measures aiming for cost reduction

Measure	Details
Procurement expenses of materials and services	<ul style="list-style-type: none"> <li>● Reduced depreciation cost by cutting capital investment</li> <li>● Withdrawal from work inspection and re-examining the implementation time</li> <li>● Increasing bidding systems for outsourcing to affiliated companies</li> <li>● Improvement of work efficiency of construction to be outsourced to affiliated companies</li> <li>● Re-examining dealing structure and order system with outside business partners</li> <li>● Standardization of equipment specification (smart meter)</li> <li>● Unification of design and specification throughout electricity companies &lt;Mid- and long-term agenda&gt;</li> </ul>
Power purchase and fuel supply expenses	<ul style="list-style-type: none"> <li>● Reduction in fuel price (a unit cost)</li> <li>● Utilization of economical power source</li> <li>● Cut in power purchase fee</li> <li>● Utilization of Electric Power Exchange</li> <li>● Cut in fuel cost in terms of a longitudinal point of view &lt;Mid- and long-term agenda&gt;</li> </ul>
Personnel expenses	<ul style="list-style-type: none"> <li>● Personnel reduction</li> <li>● Wage and bonus reduction</li> <li>● Re-examining retirement benefit</li> <li>● Re-examining benefit and welfare system</li> <li>● Detailed investigation into each measure</li> </ul>
Other expenses	<ul style="list-style-type: none"> <li>● Withdrawal from system consignment</li> <li>● Cut in expenditures (donation etc.)</li> <li>● Cut in welfare facilities/ office space efficiency</li> <li>● Cut in const regarding development and dissemination</li> <li>● Withdrawal from study</li> <li>● Reduction in training courses</li> <li>● Reduction in expandable supplies</li> <li>● Others</li> </ul>
Facility investments	<ul style="list-style-type: none"> <li>● Drastical re-formation of mid- and long-term investment plan</li> </ul>

## 2. Asset Sales

Measures	Comprehensive Special Business Plan (From FY2011 to FY2013) Target (billion yen)	FY2012 Achievement (billion yen)	From FY2011 to FY 2012 Total achievement (billion yen)	Progress rate
Real estate	247.2	163.4	213.6	86%
Securities	330.1	7.2	324.8	98%
Affiliated companies	130.1	75.5	122.5	94%
<b>Total</b>	<b>707.4</b>	<b>246.2</b>	<b>661.0</b>	<b>93%</b>

\* Numerical values consist of a whole TEPCO groups. The numerical values do not necessarily correspond to the total, depending on fraction processing.

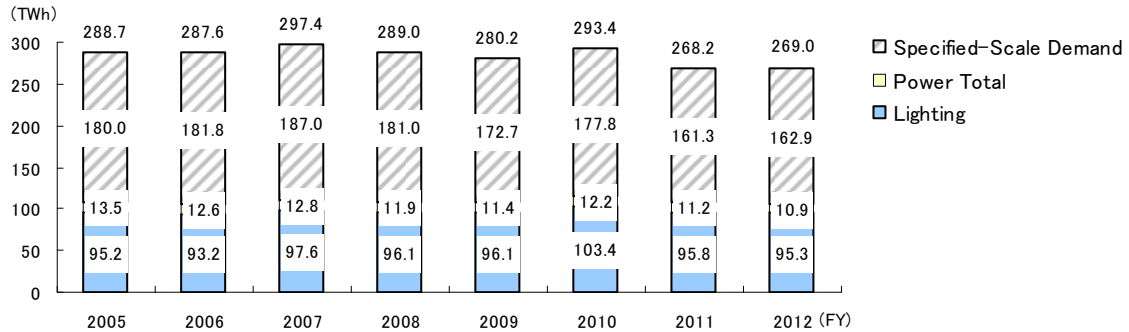


### III. Power Demand

#### 1. Electricity Sales

(1) Changes in Electricity Sales and Number of Customers (since FY2005)

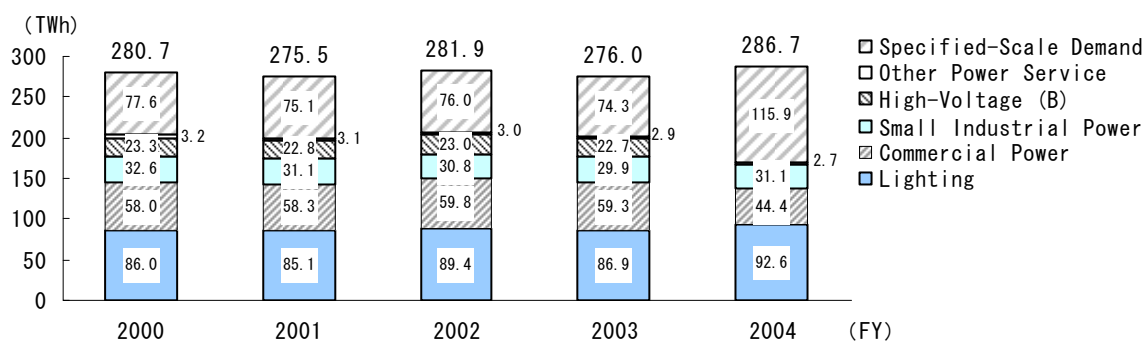
FY		2005	2006	2007	2008	2009	2010	2011	2012
Electricity Sales	Other than Specified-Scale Demand								
	Lighting	95.2	93.2	97.6	96.1	96.1	103.4	95.8	95.3
	Power	13.5	12.6	12.8	11.9	11.4	12.2	11.2	10.9
	Specified-Scale Demand	180.0	181.8	187.0	181.0	172.7	177.8	161.3	162.9
Total		288.7	287.6	297.4	289.0	280.2	293.4	268.2	269.0
Number of Customers	Lighting	25.43	25.76	26.05	26.27	26.42	26.58	26.67	268.3
	Power	2.36	2.32	2.28	2.24	2.19	2.16	2.11	2.06
	Total	27.80	28.09	28.34	28.51	28.62	28.73	28.78	28.88
Composition Ratio	Residential Purposes	70	70	70	71	73	72	71	72
	Industrial Purposes	30	30	30	29	27	28	29	28



- Notes:
1. Units of electricity sales: 1 TWh
  2. Customer subscriptions at the end of fiscal year, in units of one million. Does not include specified-scale demand.
  3. The scope of specified-scale demand users after FY2005 is in principle customers with a contract of more than 50 kW.
  4. Totals in the table may not agree with the sums of each column because of being rounded off.

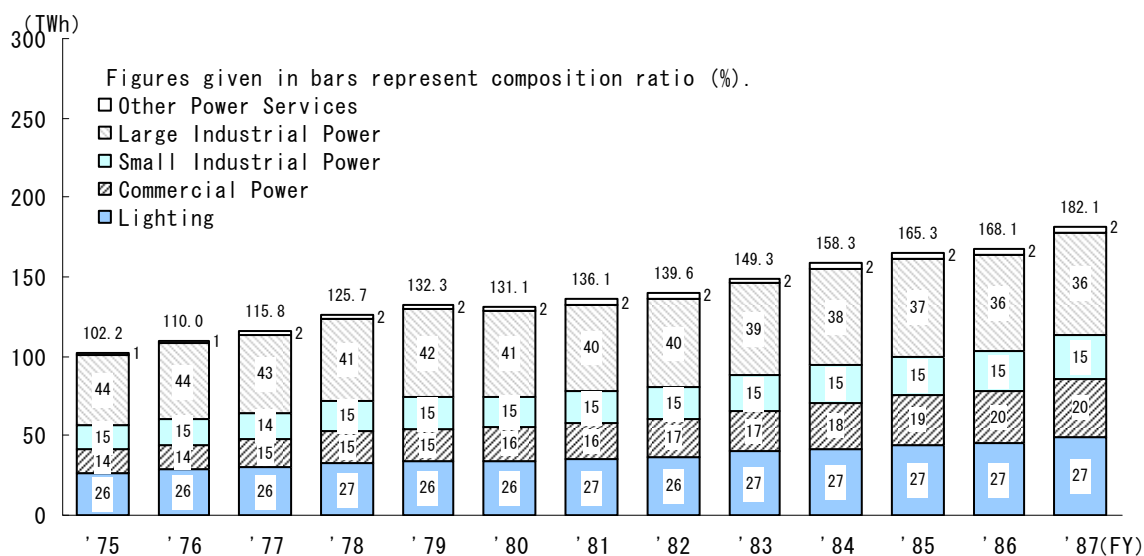
(2) Changes in Electricity Sales and Number of Customers (FY2000 – FY2004)

FY		2000	2001	2002	2003	2004	
Electricity Sales	Other than Specified-Scale Demand	Lighting	86.0	85.1	89.4	86.9	92.6
		Commercial Power	58.0	58.3	59.8	59.3	44.4
		Small Industrial Power	32.6	31.1	30.8	29.9	31.1
		High-Voltage(B)	23.3	22.8	23.0	22.7	-
		Other Power Services	3.2	3.1	3.0	2.9	2.7
		Power Total	117.1	115.3	1,16.6	114.8	78.2
	Specified-Scale Demand	77.6	75.1	76.0	74.3	115.9	
	Total	280.7	275.5	281.9	276.0	286.7	
Number of Composition	Lighting	23.88	24.23	24.54	24.82	25.12	
	Power	2.79	2.76	2.71	2.68	2.63	
	Total	26.67	26.99	27.25	27.50	27.74	
Composition Ratio	Residential Purposes	69	70	70	70	70	
	Industrial Purposes	31	30	30	30	30	



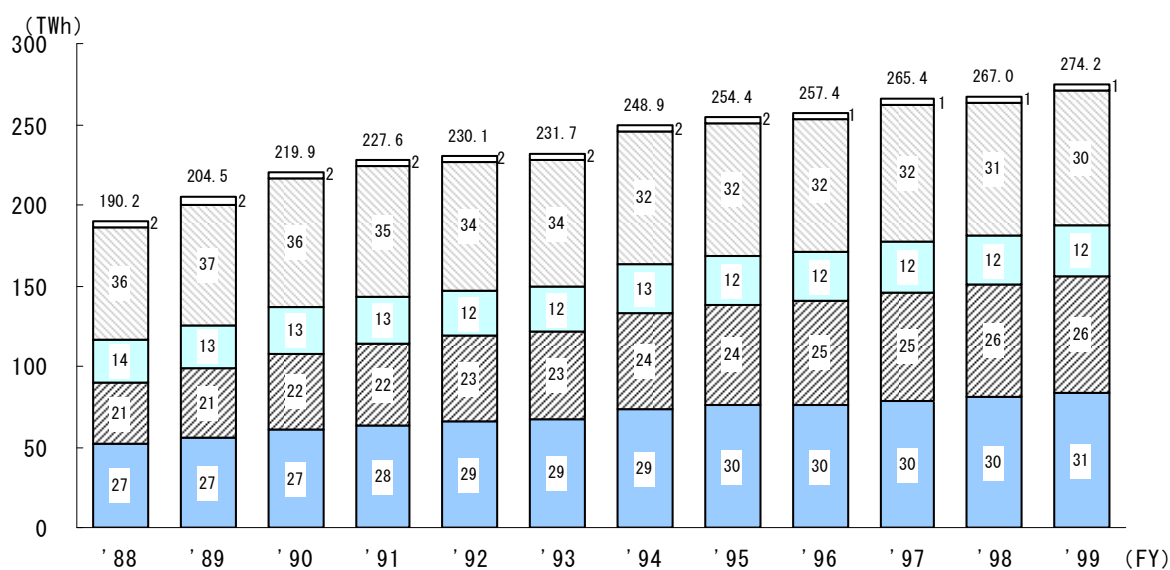
- Notes:
- Units of electricity sales: 1 TWh
  - Customer subscriptions at the end of fiscal year, in units of million. Does not include specified-scale demand.
  - For the years FY2000 – FY2003, the specified-scale demand as a rule includes customers with a contract of at least 2MW. For FY2004, the specified-scale demand as a rule includes customers with a contract of at least 500 kW.
  - The composition ratio represents the ratio to electricity sales (%): residential purposes indicates public and other uses (railways, etc.) under Lighting, Night-Only Service, Commercial power, Low-voltage power; and the remainder is for industrial purposes.
  - Totals in the table may not agree with the sums of each column because of being rounded off.
  - The format was modified since year 2000 when extra high voltage power sector was newly set due to deregulation of electricity.

(3) Changes in Electricity Sales and Number of Customers (until FY1999)



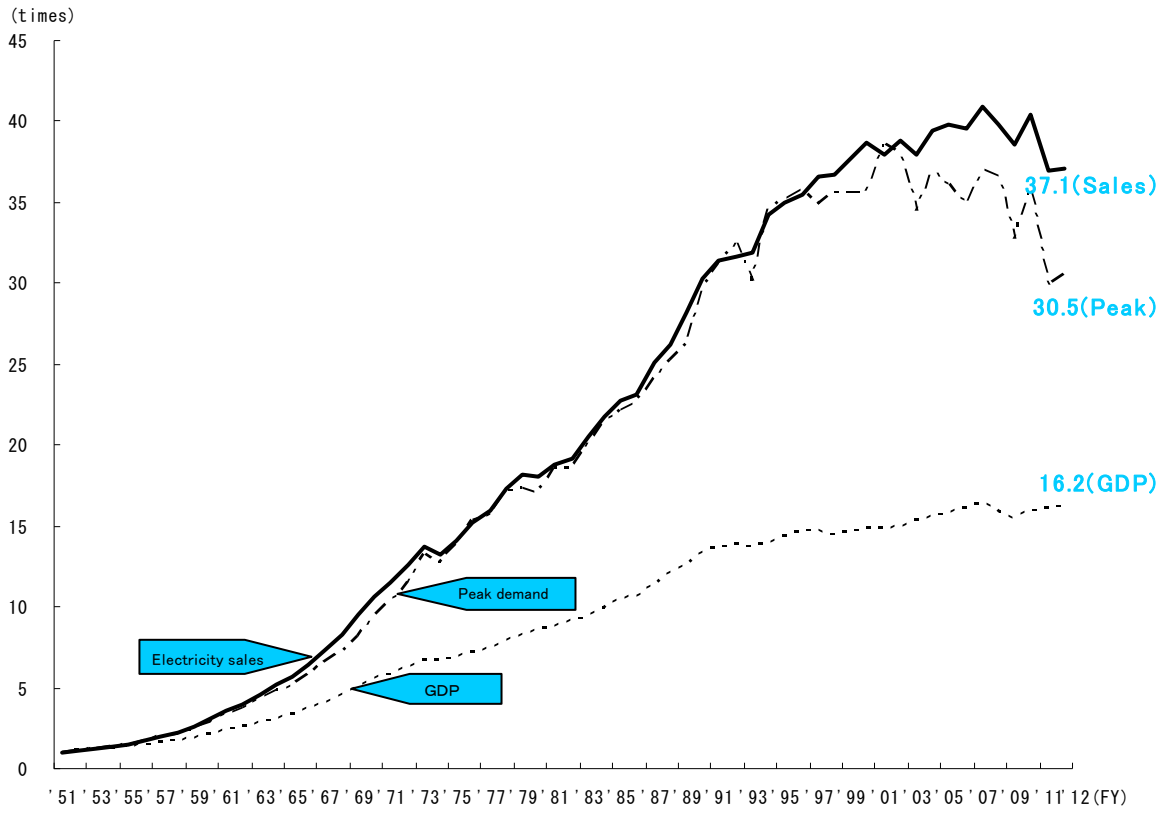
FY		1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	
Electricity Sales	Lighting	27.0	28.5	30.2	33.3	34.4	34.3	35.9	37.0	39.9	42.1	44.1	45.3	49.3	
	Commercial Power	14.4	15.5	17.1	19.4	20.4	20.6	22.2	23.6	26.1	28.6	31.0	33.0	36.8	
	Small Industrial Power	Low-Voltage	5.3	5.5	5.9	6.8	7.0	6.6	7.0	7.0	7.7	8.3	8.6	8.5	9.4
		High-Voltage	9.6	10.4	11.0	11.9	12.5	12.6	13.1	13.4	14.5	15.6	16.3	16.6	18.0
		Total	14.9	15.9	16.9	18.7	19.5	19.2	20.1	20.4	22.2	23.9	24.9	25.1	27.4
	Large Industrial Power	General	34.6	35.9	36.0	37.6	39.7	39.4	39.8	40.2	43.1	45.5	46.6	47.0	49.9
		Load Adjustment Contracts	10.0	12.6	13.4	14.2	15.6	14.6	14.9	15.1	14.5	14.5	15.1	14.0	14.9
		Total	44.6	48.5	49.4	51.8	55.3	54.0	54.7	55.3	57.6	60.0	61.7	61.0	64.8
	Other Power Services	1.3	1.6	2.2	2.5	2.7	3.0	3.2	3.3	3.5	3.7	3.6	3.7	3.8	
	Power Total	75.2	81.5	85.6	92.4	97.9	96.8	100.2	102.6	109.4	116.2	121.2	122.8	132.8	
Lighting and Power Total	102.2	110.0	115.8	125.7	132.3	131.1	136.1	139.6	149.3	158.3	165.3	168.1	182.1		
Number of Customers	Lighting	13.43	13.91	14.36	14.82	15.27	15.65	16.01	16.36	16.71	17.07	17.45	17.87	18.36	
	Power	1.62	1.75	1.87	1.99	2.12	2.23	2.30	2.36	2.41	2.46	2.50	2.55	2.59	
	Total	15.05	15.66	16.23	16.81	17.39	17.88	18.31	18.72	19.12	19.53	19.95	20.42	20.95	
Composition Ratio	Residential Purposes	53	53	54	55	55	55	56	57	58	58	58	60	60	
	Industrial Purposes	47	47	46	45	45	45	44	43	42	42	42	40	40	

- Notes:
- Units of electricity sales: 1 TWh
  - Customer subscriptions at the end of fiscal year, in units of one million.
  - The composition ratio represents the ratio to electricity sales (%): residential purposes indicates public and other uses (railways, etc.) under Lighting, Night-Only Service, Commercial Power, Low-Voltage Power, Large Industrial Power; and the remainder is for industrial purposes.
  - Totals in the table may not agree with the sums of each column because of being rounded off.



FY		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
Electricity Sales	Lighting	51.5	55.8	60.2	63.5	66.1	67.4	73.5	76.5	76.5	78.9	81.0	84.0		
	Power	Commercial Power	39.0	42.9	47.4	50.6	52.6	54.4	59.6	61.6	63.4	66.7	69.1	71.5	
		Small Industrial Power	Low-Voltage	9.3	10.0	10.9	11.0	10.8	10.6	12.3	12.3	12.0	12.3	12.4	12.9
			High-Voltage	17.1	17.0	17.6	17.7	17.4	17.1	18.0	18.2	18.4	18.9	18.6	19.0
		Total	26.4	27.0	28.5	28.7	28.2	27.7	30.3	30.5	30.4	31.2	31.0	31.9	
		Large Industrial Power	General	54.0	58.6	62.2	63.8	62.9	62.4	65.5	66.1	67.1	68.6	67.3	68.2
	Load Adjustment Contracts		15.3	16.2	17.7	17.1	16.3	15.8	16.2	15.8	15.9	16.4	15.1	15.2	
	Total	69.4	74.8	79.9	80.9	79.2	78.2	81.7	81.9	83.0	85.0	82.4	83.4		
	Other Power Services	3.9	4.0	3.9	3.9	4.0	4.0	3.8	3.9	4.1	3.6	3.5	3.4		
	Power Total	138.7	148.7	159.7	164.1	164.0	164.3	175.4	177.9	180.9	186.5	186.0	190.2		
Lighting and Power Total	190.2	204.5	219.9	227.6	230.1	231.7	248.9	254.4	257.4	265.4	267.0	274.2			
Number of Customers	Lighting	18.86	19.43	19.98	20.48	20.89	21.24	21.60	22.04	22.49	22.91	23.25	23.56		
	Power	2.65	2.71	2.76	2.80	2.82	2.83	2.84	2.84	2.84	2.83	2.82	2.80		
	Total	21.51	22.14	22.74	23.28	23.71	24.07	24.44	24.88	25.33	25.74	26.07	26.36		
Composition Ratio	Residential Purposes	60	61	61	62	64	65	66	66	66	67	68	69		
	Industrial Purposes	40	39	39	38	36	35	34	34	34	33	32	31		

(4) Changes in Japan's GDP and TEPCO's Power Demand



Note: Real GDP is based on the 2005 price standard (continuity system). However, years before 1993 are estimated based on the 2000 price standard (continuity system), years before 1979 are estimated based on the 1990 price standard (fixed benchmark year), and years before 1955 are estimated based on the real GDP (source: "Handbook of Energy & Economic Statistics in Japan," EDMC).

(5) Average Rates of Increase in GDP, Final Energy Consumption, Electricity Sales, and Peak Demand

(Unit: %)

Period (FY)	1951–2012 (61 years)	1963–1973 (10 years)	1973–1979 (6 years)	1979–1985 (6 years)	1985–1990 (5 years)	1990–1997 (7 years)	1997–2007 (10 years)	2007–2012 (5 years)
GDP (A)	4.7	8.9	3.7	4.0	5.0	1.4	1.1	-0.2
TEPCO Electricity Sales (B)	6.1	11.7	4.9	3.8	5.9	2.7	1.1	-2.0
Final Energy Consumption (C)	3.9 (‘53–11’)	11.6	0.9	-0.5	4.2	1.8	0.1	-2.1 (‘07–11)
GDP Elasticity (B/A)	1.3	1.3	1.3	0.9	1.2	2.0	1.1	–
GDP Elasticity (C/A)	0.8 (‘53–11’)	1.3	0.2	–	0.8	1.3	0.1	–
Peak Demand	5.8	11.9	4.7	4.1	6.0	2.3	0.6	-3.7

- Notes: 1. FY 1973 was the year when the first oil crisis occurred.  
2. FY 1979 was the year when the second oil crisis occurred.  
3. FY 1985 was the year when the economic recession caused by “strong yen” occurred.  
4. FY 1990 was the year when the “bubble” economy collapsed.  
5. FY 2007 and 2008 were the years when the worldwide recession occurred.  
6. The final energy consumption is quoted from “General Energy Statistics” published from Agency for Natural Resources and Energy.

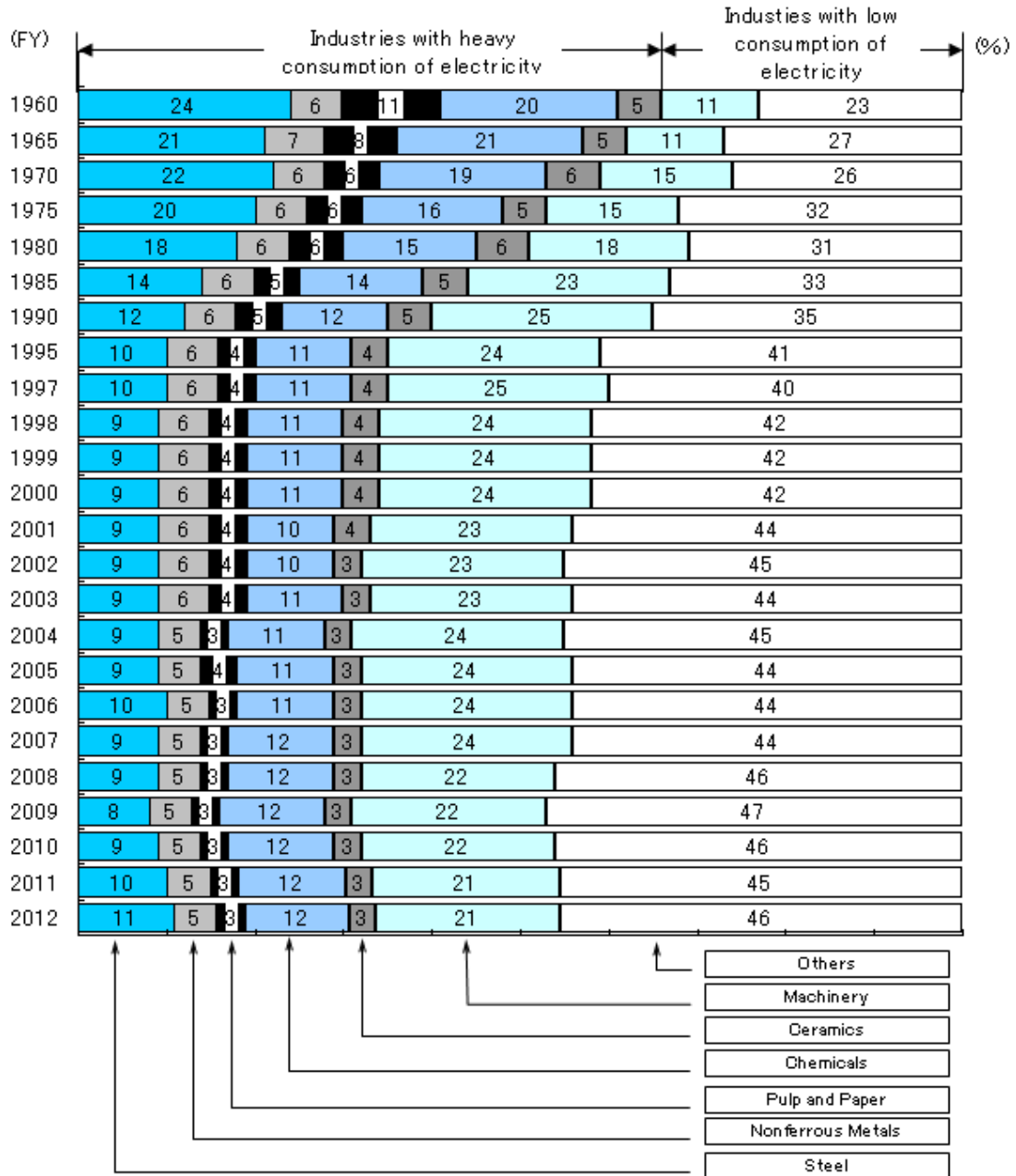
(6) Recent Changes in GDP Elasticity

(Unit: %)

FY	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
GDP (A) (% change from the previous year)	-0.5	1.5	2.7	2.7	0.1	-1.5	0.5	2.0	-0.4	1.1	2.3	1.5	1.9	1.8	1.8	-3.7	-2.0	3.4	0.2	1.2
TEPCO Electricity Sales (B) (% change from the previous year)	0.7	7.4	2.2	1.2	3.1	0.6	2.7	2.3	-1.8	2.3	-2.1	3.9	0.7	-0.4	3.4	-2.8	-3.0	4.7	-8.6	0.3
Final Energy Consumption (C) (% change from the previous year)	1.0	3.4	3.3	1.6	0.9	-1.7	2.5	1.0	-1.2	1.4	-0.8	1.1	-0.3	-0.2	-1.1	-6.8	-2.2	4.0	-3.0	–
GDP Elasticity (B/A)	–	5.0	0.8	0.5	21.0	–	5.0	1.2	–	2.1	–	2.7	0.4	–	1.9	–	–	1.4	–	0.2
GDP Elasticity (C/A)	–	2.3	1.3	0.6	5.9	–	4.6	0.5	–	1.3	–	0.7	–	–	–	–	–	1.2	–	–
Peak Demand (% change from the previous year)	-7.2	14.7	1.8	1.3	-2.4	2.1	0.1	-0.0	8.5	-1.7	-9.2	7.2	-2.2	-3.4	5.9	-0.9	-10.5	10.1	-17.2	2.3

Notes: Peak demand is the daily peak at generation end.

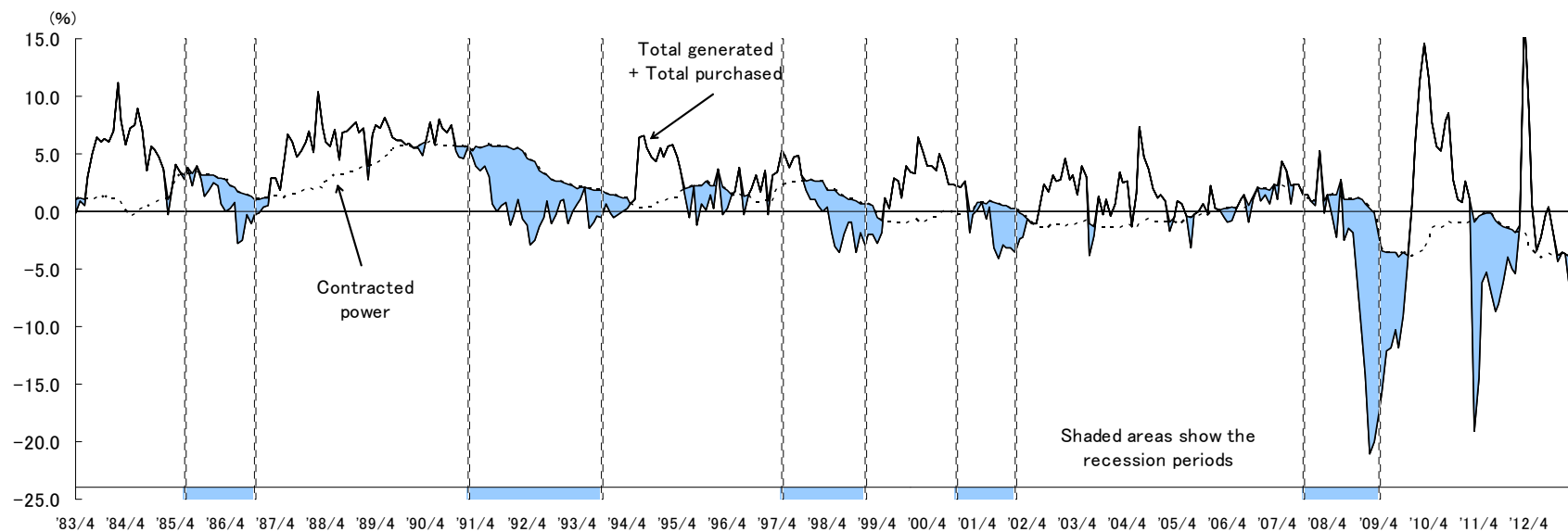
(7) Changes in Percentage Composition of Large Industrial Power Customers by Industry Type



Note: Others include railways, foodstuffs, metals, oil and coal, plastics, printing, publishing, water service, and other.

(8) Electric Curve of Large Industrial Power as Diffusion Index

Electric Curve of Large Industrial Power as Diffusion Index (Monthly)

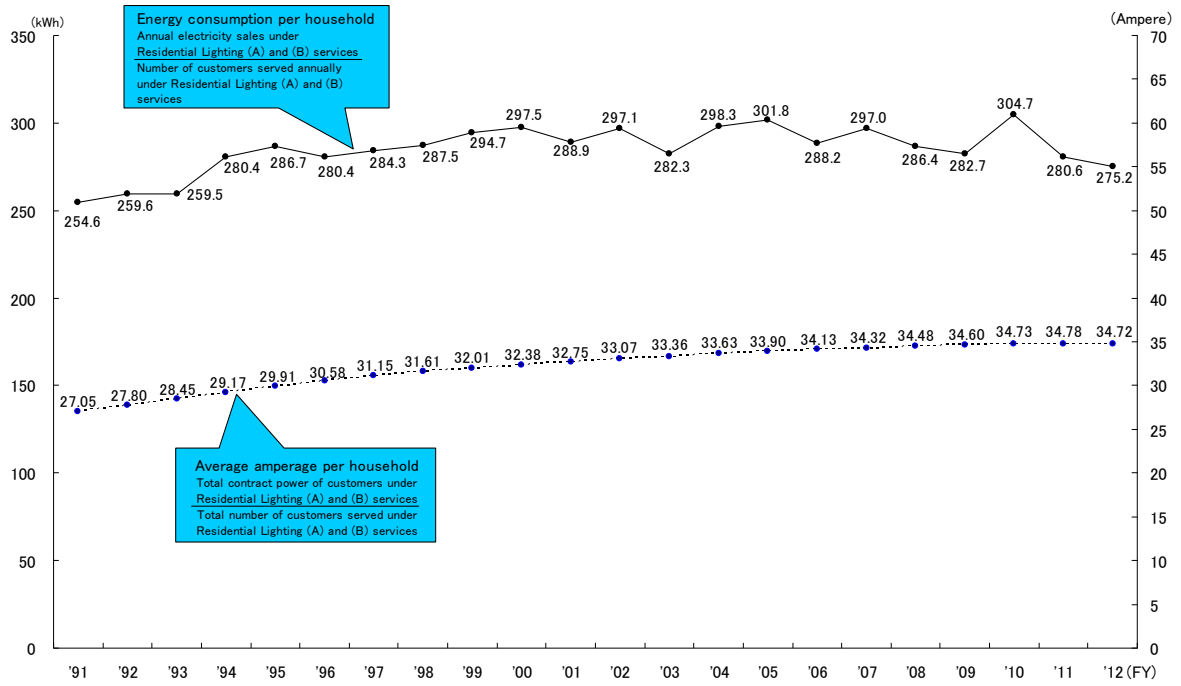


Growth Rate(%)	FY2004				FY2005				FY2006				FY2007				FY2008				FY2009				FY2010				FY2011				FY2012			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
(a) Total generated + Total purchased	0.9	5.3	1.5	-0.4	0.4	-1.2	0.9	-0.1	-0.5	0.6	1.3	1.5	3.0	1.8	1.3	1.8	-0.4	-0.3	-6.3	-18.5	-15.0	-11.3	-4.4	10.6	8.2	7.2	1.5	-5.4	-8.6	-7.9	-5.1	2.8	1.7	-0.7	-3.3	-5.4
(b) Contracted power	-1.2	-0.8	-1.0	-0.9	-1.0	-0.5	-0.3	0.1	0.3	0.3	1.7	2.0	2.2	2.1	1.1	1.0	1.3	1.1	1.1	0.3	-3.1	-3.6	-3.8	-3.6	-1.8	-1.2	-1.1	-0.9	-0.3	-0.7	-1.5	-1.8	-3.5	-3.9	-3.8	-3.8
(a)-(b) Gap of the growth rates above	2.1	6.1	2.5	0.5	1.4	-0.7	1.2	-0.2	-0.8	0.3	-0.4	-0.5	0.8	-0.3	0.2	0.8	-1.7	-1.4	-7.4	-18.8	-11.9	-7.7	-0.6	14.2	10.0	8.4	2.6	-4.5	-8.2	-7.1	-3.5	4.6	5.2	3.2	0.5	-1.6

Note: The electric curve of large industrial power is an indicator for assessing the current state of the economy from the power demand side. It shows the year-to-year growth of the volume of large industrial power (including independent power generation) and large-scale contracted power. However, movement of the electric curve of large industrial power does not accord with the economic performance after the Great East Japan Earthquake (March 2011), due to the effect of earthquake disaster and electricity saving.



(9) Residential Customer Power Demand Changes in Energy Consumption and Contract Power per Household (Monthly Average in the TEPCO Service Area)



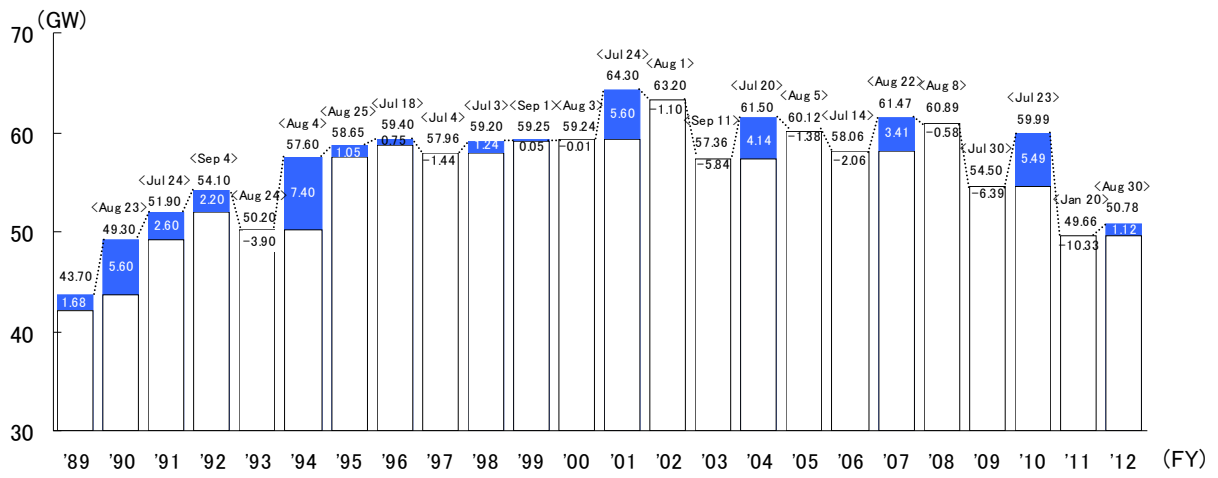
## 2. Peak Demand

### (1) Changes in Peak Demand (Daily Peak at Generation End)

FY	Winter			Summer			Electricity Demand per Day		
	System Peak Load (GW)	Date	Change from Previous Year (GW)	Peak Load (GW)	Date	Change from Previous Year (GW)	Maximum Demand per Day (GWh)	Date	Change from Previous Year (GWh)
1951	1.665	Mar. 31, 1952 (Mon)	—	1.567	May 16, 1951 (Wed)	—	31.0	May 8, 1951 (Tue)	—
1955	2.572	Dec. 21, 1955 (Wed)	0.348	2.284	Sep. 28, 1955 (Wed)	0.276	43.7	Dec. 21, 1955 (Wed)	4.8
1956	2.840	Dec. 21, 1955 (Wed)	0.268	2.486	Sep. 26, 1956 (Wed)	0.202	46.9	Feb. 7, 1957 (Thu)	3.2
1957	3.204	Dec. 11, 1956 (Tue)	0.364	2.711	Sep. 16, 1957 (Mon)	0.225	52.9	Dec. 5, 1957 (Thu)	6.0
1958	3.537	Dec. 20, 1957 (Fri)	0.333	2.990	Sep. 25, 1958 (Thu)	0.279	60.9	Dec. 26, 1958 (Fri)	8.0
1959	4.207	Jan. 19, 1960 (Tue)	0.670	3.589	Sep. 25, 1959 (Fri)	0.599	71.7	Mar. 26, 1960 (Sat)	10.8
1960	4.764	Jan. 13, 1961 (Fri)	0.557	4.043	Sep. 20, 1960 (Tue)	0.454	82.0	Dec. 22, 1960 (Thu)	10.3
1961	5.547	Jan. 23, 1962 (Tue)	0.783	4.690	Jun. 28, 1961 (Wed)	0.647	96.3	Mar. 30, 1962 (Fri)	14.3
1962	6.111	Jan. 24, 1963 (Thu)	0.564	5.290	Aug. 22, 1962 (Wed)	0.600	108.0	Mar. 12, 1963 (Tue)	11.7
1963	7.157	Jan. 24, 1964 (Fri)	1.046	6.198	Aug. 23, 1963 (Fri)	0.908	124.5	Jan. 31, 1964 (Fri)	16.5
1964	8.059	Dec. 17, 1964 (Thu)	0.902	7.190	Aug. 26, 1964 (Wed)	0.992	141.3	Dec. 17, 1964 (Thu)	16.8
1965	8.422	Jan. 21, 1966 (Fri)	0.363	7.989	Aug. 25, 1965 (Wed)	0.799	151.4	Jan. 25, 1966 (Tue)	10.1
1966	9.575	Dec. 13, 1966 (Tue)	1.153	9.069	Aug. 24, 1966 (Wed)	1.080	172.0	Feb. 9, 1967 (Thu)	20.6
1967	10.874	Dec. 14, 1967 (Thu)	1.299	10.477	Aug. 25, 1967 (Fri)	1.408	193.9	Dec. 19, 1967 (Tue)	21.9
1968	11.913	Jan. 29, 1969 (Wed)	1.039	11.805	Aug. 9, 1968 (Fri)	1.328	218.7	Feb. 21, 1969 (Fri)	24.8
1969	13.424	Mar. 4, 1970 (Wed)	1.511	13.569	Aug. 8, 1969 (Fri)	1.764	250.9	Feb. 26, 1970 (Thu)	32.2
1970	14.791	Dec. 25, 1970 (Fri)	1.367	15.690	Sep. 3, 1970 (Thu)	2.121	283.7	Sep. 3, 1970 (Thu)	32.8
1971	16.032	Feb. 10, 1972 (Thu)	1.241	17.165	Aug. 11, 1971 (Wed)	1.475	303.7	Aug. 11, 1971 (Wed)	20.0
1972	17.598	Dec. 19, 1972 (Tue)	1.566	19.083	Sep. 8, 1972 (Fri)	1.918	334.7	Sep. 7, 1972 (Wed)	31.0
1973	18.169	Nov. 6, 1973 (Tue)	0.571	21.958	Aug. 9, 1973 (Thu)	2.875	386.1	Aug. 10, 1973 (Fri)	51.4
1974	18.894	Dec. 10, 1974 (Tue)	0.725	21.177	Aug. 29, 1974 (Thu)	-0.781	361.8	Aug. 29, 1974 (Thu)	-24.3
1975	20.175	Dec. 9, 1975 (Tue)	1.281	23.041	Aug. 21, 1975 (Thu)	1.864	391.3	Jul. 31, 1975 (Thu)	29.5
1976	21.307	Feb. 10, 1977 (Thu)	1.132	25.562	Aug. 24, 1976 (Tue)	2.521	433.0	Aug. 24, 1976 (Tue)	41.7
1977	22.006	Jan. 26, 1978 (Thu)	0.699	26.119	Aug. 5, 1977 (Fri)	0.557	453.7	Aug. 5, 1977 (Fri)	20.7
1978	24.136	Dec. 19, 1978 (Tue)	2.130	28.566	Jul. 25, 1978 (Tue)	2.447	498.1	Jul. 25, 1978 (Tue)	44.4
1979	24.423	Feb. 19, 1980 (Tue)	0.287	28.850	Jul. 24, 1979 (Tue)	0.284	505.8	Jul. 24, 1979 (Tue)	7.7
1980	25.298	Dec. 23, 1980 (Tue)	0.875	28.313	Jul. 22, 1980 (Tue)	-0.537	499.8	Jul. 23, 1980 (Wed)	-6.0
1981	25.920	Jan. 18, 1982 (Mon)	0.622	30.868	Jul. 17, 1981 (Fri)	2.555	541.6	Jul. 17, 1981 (Fri)	41.8
1982	27.341	Jan. 18, 1983 (Tue)	1.421	30.783	Aug. 24, 1982 (Tue)	-0.085	537.3	Aug. 24, 1982 (Tue)	-4.3
1983	28.862	Feb. 17, 1984 (Fri)	1.521	33.633	Aug. 19, 1983 (Fri)	2.850	591.1	Sep. 6, 1983 (Tue)	53.8
1984	30.137	Jan. 24, 1985 (Thu)	1.275	35.700	Sep. 3, 1984 (Mon)	2.067	627.5	Aug. 7, 1984 (Tue)	36.4
1985	31.861	Feb. 18, 1986 (Tue)	1.724	36.780	Aug. 29, 1985 (Thu)	1.080	643.7	Aug. 29, 1985 (Thu)	16.2
1986	32.946	Jan. 12, 1987 (Mon)	1.085	37.650	Sep. 4, 1986 (Thu)	0.870	659.4	Sep. 4, 1986 (Thu)	15.7
1987	34.906	Dec. 7, 1987 (Mon)	1.960	40.120	Aug. 21, 1987 (Fri)	2.470	717.0	Jul. 24, 1987 (Fri)	57.6
1988	38.010	Jan. 23, 1989 (Mon)	3.104	42.020	Aug. 23, 1988 (Tue)	1.900	756.8	Aug. 22, 1988 (Mon)	39.8
1989	40.350	Jan. 23, 1990 (Tue)	2.340	43.700	Aug. 22, 1989 (Tue)	1.680	781.9	Sep. 12, 1989 (Tue)	25.1
1990	42.200	Jan. 21, 1991 (Mon)	1.850	49.300	Aug. 23, 1990 (Thu)	5.600	902.2	Aug. 24, 1990 (Fri)	120.3
1991	43.500	Mar. 18, 1992 (Wed)	1.300	51.900	Jul. 24, 1991 (Wed)	2.600	919.8	Jul. 24, 1991 (Wed)	17.6
1992	45.200	Jan. 25, 1993 (Mon)	1.700	54.100	Sep. 4, 1992 (Fri)	2.200	960.9	Sep. 3, 1992 (Thu)	41.1
1993	46.150	Feb. 1, 1994 (Tue)	0.950	50.200	Aug. 24, 1993 (Tue)	-3.900	885.3	Aug. 25, 1993 (Wed)	-75.6
1994	45.869	Dec. 20, 1994 (Tue)	-0.281	57.600	Aug. 4, 1994 (Thu)	7.400	1043.8	Aug. 4, 1994 (Thu)	158.5
1995	47.950	Feb. 2, 1996 (Fri)	2.081	58.650	Aug. 25, 1995 (Fri)	1.050	1045.9	Aug. 25, 1995 (Fri)	2.1
1996	48.550	Feb. 3, 1997 (Mon)	0.600	59.400	Jul. 18, 1996 (Thu)	0.750	1077.5	Jul. 18, 1996 (Thu)	31.6
1997	52.300	Jan. 12, 1998 (Mon)	3.750	57.956	Jul. 4, 1997 (Fri)	-1.444	1053.7	Jul. 8, 1997 (Tue)	-23.8
1998	49.192	Dec. 3, 1998 (Thu)	-3.108	59.200	Jul. 3, 1998 (Fri)	1.244	1070.5	Jul. 3, 1998 (Fri)	16.8
1999	50.050	Sep. 1, 1999 (Wed)	0.858	59.250	Jan. 12, 2000 (Wed)	0.050	1069.1	Sep. 14, 1999 (Tue)	-1.4
2000	51.295	Jan. 15, 2001 (Mon)	1.245	59.240	Aug. 3, 2000 (Thu)	-0.010	1091.8	Aug. 3, 2000 (Thu)	22.7
2001	50.380	Dec. 21, 2001 (Fri)	-0.915	64.300	Jul. 24, 2001 (Tue)	5.060	1184.3	Jul. 24, 2001 (Tue)	92.5
2002	52.200	Dec. 9, 2002 (Mon)	1.820	63.200	Aug. 1, 2002 (Thu)	-1.100	1167.6	Aug. 1, 2002 (Thu)	-16.7
2003	49.676	Jan. 19, 2004 (Mon)	-2.524	57.360	Sep. 11, 2003 (Thu)	-5.840	1073.7	Sep. 12, 2003 (Fri)	-93.9
2004	51.858	Mar. 4, 2005 (Fri)	2.182	61.499	Jul. 20, 2004 (Tue)	4.139	1155.5	Jul. 21, 2004 (Wed)	81.8
2005	52.360	Feb. 6, 2006 (Mon)	0.502	60.118	Aug. 5, 2005 (Fri)	-1.381	1134.6	Aug. 5, 2005 (Fri)	-20.9
2006	50.275	Jan. 17, 2007 (Wed)	-2.085	58.058	Jul. 14, 2006 (Fri)	-2.060	1099.6	Jul. 14, 2006 (Fri)	-35.0
2007	55.022	Jan. 23, 2008 (Wed)	4.747	61.471	Aug. 22, 2007 (Wed)	3.413	1164.2	Aug. 22, 2007 (Wed)	64.6
2008	50.291	Jan. 9, 2009 (Fri)	-4.731	60.891	Aug. 8, 2008 (Fri)	-0.580	1157.6	Aug. 8, 2008 (Fri)	-6.6
2009	52.401	Jan. 12, 2010 (Tue)	2.110	54.496	Jul. 30, 2009 (Thu)	-6.395	1051.9	Feb. 17, 2010 (Wed)	-105.7
2010	51.504	Feb. 14, 2011 (Mon)	-0.897	59.988	Jul. 23, 2010 (Fri)	5.492	1141.8	Jul. 23, 2010 (Fri)	89.9
2011	49.657	Jan. 20, 2012 (Fri)	-1.847	49.216	Aug. 18, 2011 (Thu)	-10.772	1013.4	Jan. 20, 2012 (Fri)	-128.4
2012	47.432	Feb. 19, 2013 (Tue)	-2.225	50.783	Aug. 30, 2012 (Thu)	1.567	986.1	Aug. 30, 2012 (Thu)	-27.3

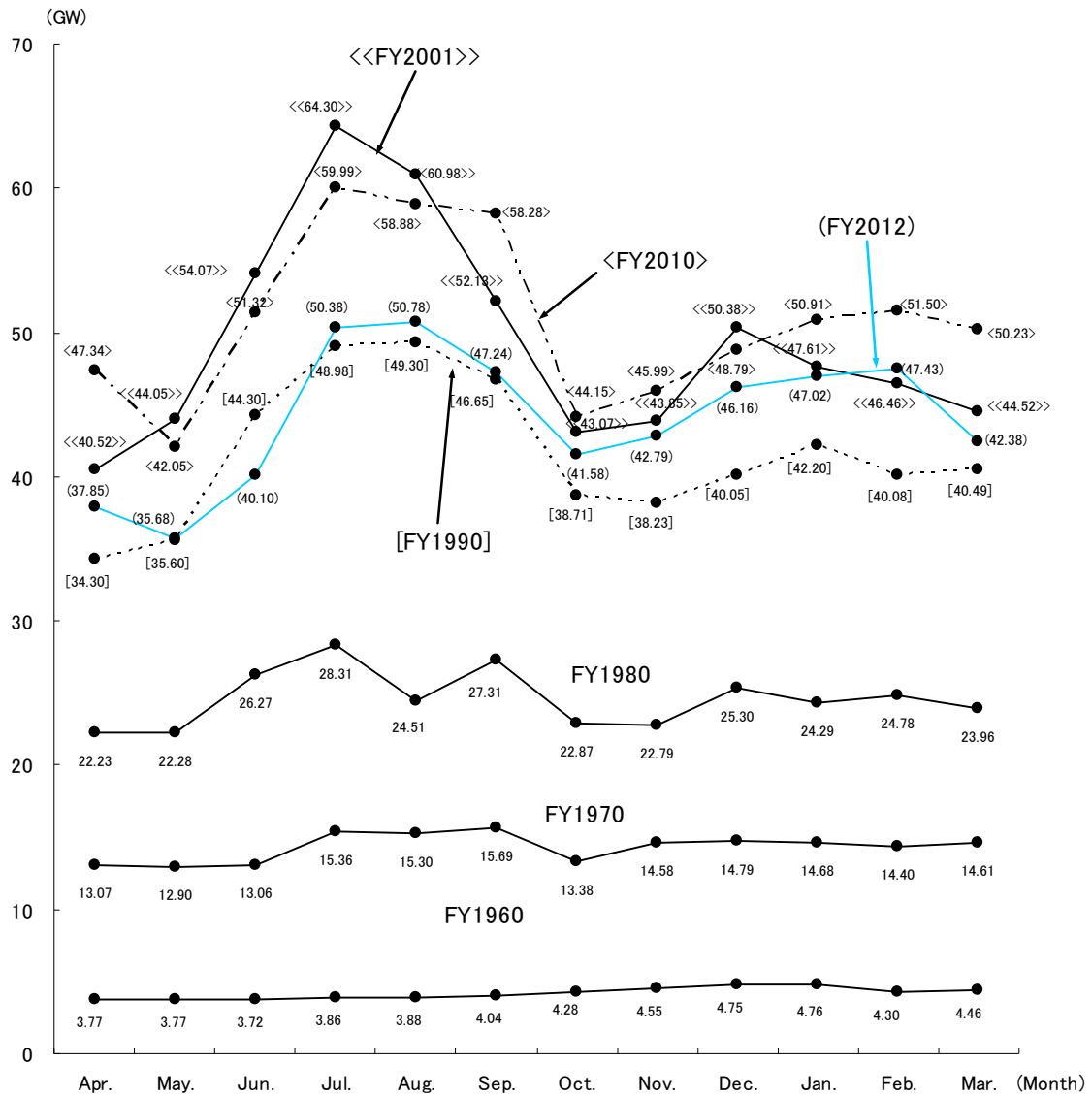
Notes:      in the above table indicates the highest figure historically.

<Reference> Recent Changes in Peak Demand

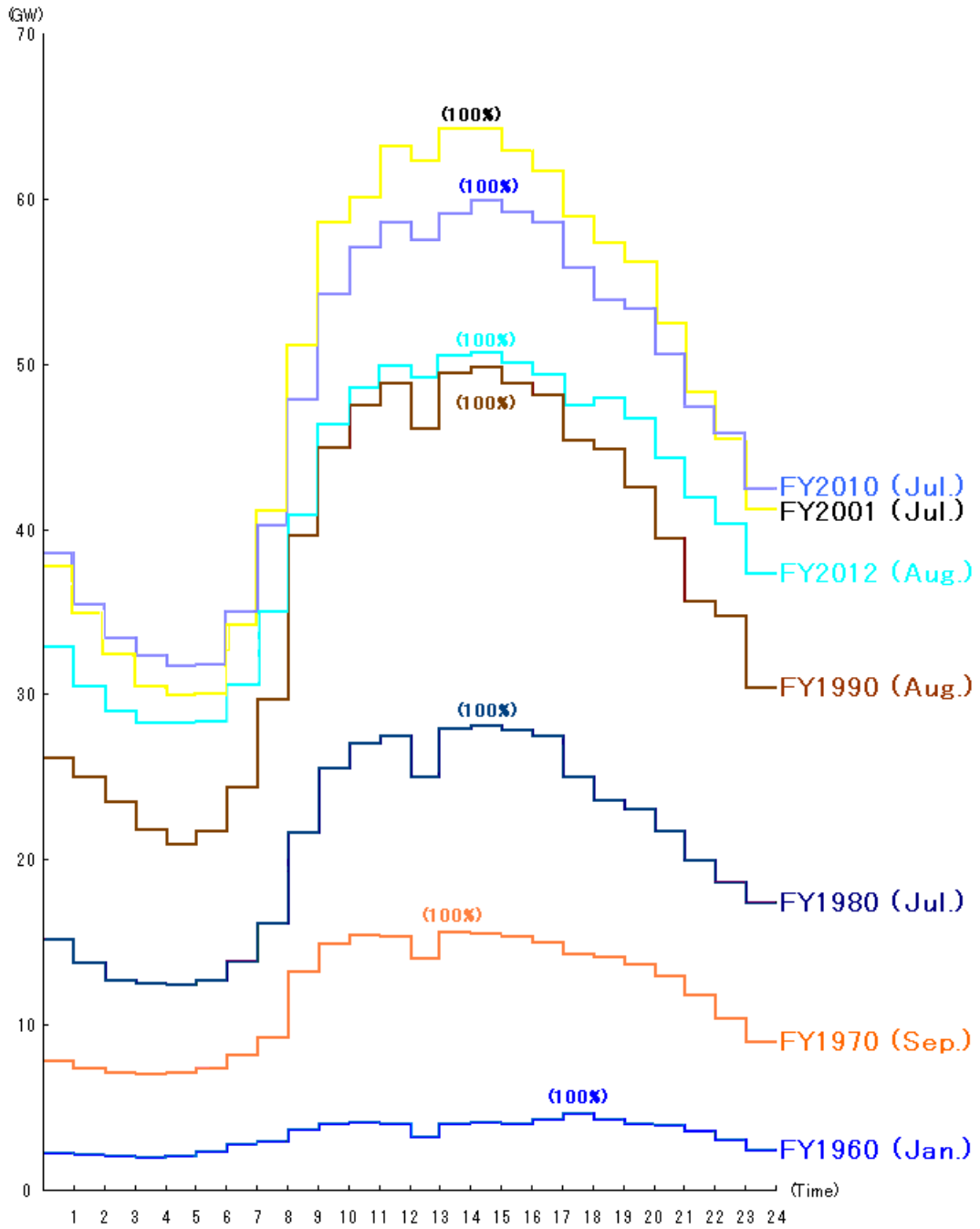


Note: [Blue bar] in the above table represents an increase over the previous year.

(2) Trend of Monthly Peak Demand (Daily Peak at Generation End)



(3) Pattern of Daily Electricity Usage (dates of annual peak demand recorded)



#### IV. Electricity Supply Facilities

##### 1. Power Generation Facilities

##### (1) Power Generation (authorized capacity)

(Unit: GW)

At the End of FY	May 1, 1951 (established)	1955	1965	1975	1985	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total of 10 EP Co. 2012	
Hydro	< 242> 1.44 ( 80.7)	< 230> 1.64 ( 66.8)	< 222> 2.10 ( 25.9)	< 185> 3.19 ( 13.0)	< 155> 5.07 ( 13.5)	< 155> 7.63 ( 14.9)	< 160> 8.508 ( 14.5)	< 160> 8.520 ( 14.1)	< 160> 8.520 ( 13.6)	< 160> 8.521 ( 13.6)	< 161> 8.993 ( 14.5)	< 161> 8.993 ( 14.5)	< 160> 8.985 ( 14.4)	< 160> 8.986 ( 14.0)	< 160> 8.987 ( 13.9)	< 162> 8.981 ( 13.8)	< 163> 8.982 ( 13.5)	< 164> 9.454 ( 14.4)	< 1,188> 36.095 ( 17.3)	
Thermal	< 9> 0.35 ( 19.3)	< 11> 0.81 ( 33.0)	< 16> 6.00 ( 74.1)	< 26> 19.37 ( 78.8)	< 28> 23.43 ( 62.3)	< 25> 28.98 ( 56.6)	< 24> 33.026 ( 56.1)	< 25> 34.548 ( 57.2)	< 26> 36.831 ( 58.8)	< 26> 36.995 ( 58.9)	< 26> 35.536 ( 57.5)	< 26> 35.533 ( 57.5)	< 26> 36.179 ( 58.9)	< 26> 37.686 ( 58.9)	< 25> 38.189 ( 59.2)	< 25> 38.696 ( 59.5)	< 25> 40.148 ( 60.4)	< 25> 41.598 ( 63.4)	< 161> 129.044 ( 61.7)	
Nuclear	< -> - ( -)	< -> - ( -)	< -> - ( -)	< 1> 2.03 ( 8.2)	< 3> 9.10 ( 24.2)	< 3> 14.60 ( 28.5)	< 3> 17.308 ( 29.4)	< 3> 17.308 ( 28.7)	< 3> 17.308 ( 27.6)	< 3> 17.308 ( 27.5)	< 3> 17.308 ( 28.0)	< 3> 17.308 ( 28.0)	< 3> 17.308 ( 27.7)	< 3> 17.308 ( 27.1)	< 3> 17.308 ( 26.8)	< 3> 17.308 ( 26.6)	< 3> 17.308 ( 26.0)	< 3> 14.496 ( 22.1)	< 3> * ( 22.1)	< 12> 43.531 ( 20.8)
New Energy etc.	< -> - ( -)	< -> - ( -)	< -> - ( -)	< -> - ( -)	< -> - ( -)	< -> - ( -)	< 1> 0.001 ( 0.0)	< 1> 0.001 ( 0.0)	< 1> 0.001 ( 0.0)	< 1> 0.001 ( 0.0)	< 1> 0.001 ( 0.0)	< 1> 0.001 ( 0.0)	< 1> 0.001 ( 0.0)	< 1> 0.001 ( 0.0)	< 2> 0.004 ( 0.0)	< 2> 0.004 ( 0.0)	< 5> 0.034 ( 0.1)	< 7> 0.034 ( 0.1)	< 38> 0.559 ( 0.3)	
Total	< 251> 1.79 (100.0)	< 241> 2.44 (100.0)	< 238> 8.10 (100.0)	< 212> 24.59 (100.0)	< 186> 37.59 (100.0)	< 183> 51.21 (100.0)	< 188> 58.843 (100.0)	< 189> 60.377 (100.0)	< 190> 62.660 (100.0)	< 190> 62.825 (100.0)	< 191> 61.837 (100.0)	< 191> 61.835 (100.0)	< 190> 62.473 (100.0)	< 190> 63.981 (100.0)	< 190> 64.487 (100.0)	< 192> 64.988 (100.0)	< 196> 66.472 (100.0)	< 199> 65.582 (100.0)	< 1,399> 209.229 (100.0)	

- Notes:
- The figures in brackets in the upper rows represent the number of locations or sites. Figures in parentheses in the lower rows represent the percentage composition (%) of authorized capacity.
  - The figures before FY2008 for thermal power include geothermal power.
  - Totals in the table may not agree with the sums of each column because of being rounded off.
  - The figures for new energy etc. consist of wind, photovoltaic and waste power generation before FY2008 (facilities with expected supply capacity and TEPCO's approved facilities). The figures in FY2009 added geothermal and biomass power generation (facilities with expected supply capacity and TEPCO's approved facilities).
  - \* Following the notification of decommissioning submitted on March 30, 2012 in accordance with Article 9 of the Electric Utilities Industry Law, Units 1-4 (2,812MW) at Fukushima Daiichi Nuclear Power Station were decommissioned On April 19, 2012.

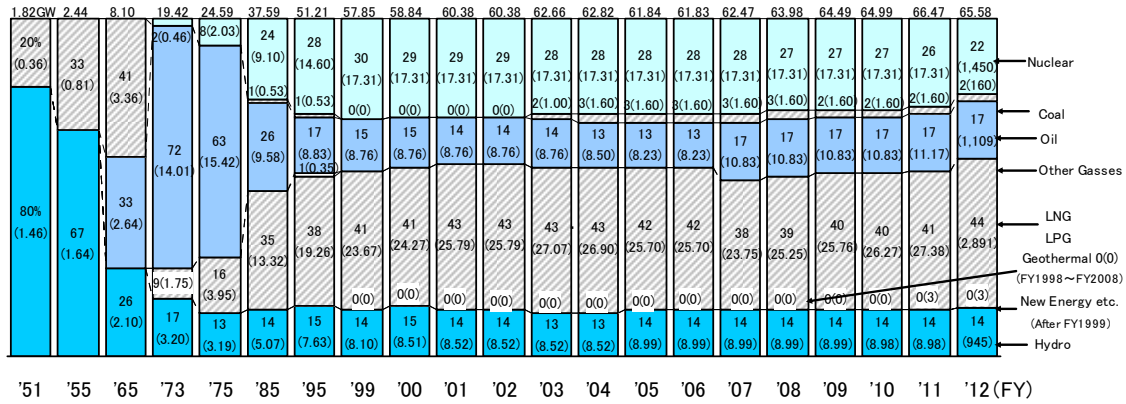
##### <Reference> Special Note on Power Generation Facility

August 18, 1959	Thermal power becomes primary power source, with hydroelectric next
December 10, 1965	Operation of Yagisawa Power Station (TEPCO's first pumped storage plant) was started
March 30, 1968	Generation capacity surpasses 10GW
April 24, 1970	Operation of Minami Yokohama Thermal Power Station (world's first LNG-only thermal power) was started
March 26, 1971	Operation of Fukushima Daiichi Nuclear Power Station Unit 1 (460MW) was started
June 16, 1973	Coal-only thermal power was abolished in Japan (Shin-Tokyo Thermal Power Station was the last)
July 18, 1974	Generation capacity surpasses 20GW
September 28, 1974	Operation of Kashima Thermal Power Station Unit 5 (first 1,000MW capacity from single unit in Japan) was started
October 12, 1978	Operation of Fukushima Daiichi Nuclear Power Station Unit 4 (nuclear power surpasses hydroelectric power) was started
October 24, 1979	Operation of Fukushima Daiichi Nuclear Power Station Unit 6 (1,100MW) was started (total power station output was 4,696MW)
October 26, 1979	Generation capacity surpasses 30GW
September 11, 1981	Shin-Takasegawa Power Station was established (maximum output 1,280MW, single-unit output 320MW)
April 20, 1982	Operation of Fukushima Daini Nuclear Power Station Unit 1 (1,100MW) was started
December 17, 1982	Operation of Tanbara Power Station Units 1, 4 (300MW each) was started

September 18, 1985	Operation of Kashiwazaki-Kariwa Nuclear Power Station Unit 1 (1,100MW) was started
July 4, 1986	Operation of Tanbara Power Station Units 2, 3 (300MW x 2) was started
November 6, 1986	Operation of all units at Futtsu Thermal Power Station Group 1 (1,000MW) was started
August 25, 1987	Operation of Fukushima Daini Nuclear Power Station Unit 4 (1,100MW) was started Fukushima Daini Nuclear Power Station was established (total output was 4,400MW, capacity of nuclear power facilities surpasses 10GW)
September 18, 1987	Operation of Higashi Ohgishima Thermal Power Station Unit 1 (1,000MW) was started
July 8, 1988	Operation of Imaichi Power Station Unit 1 (350MW) was started
June 23, 1989	Operation of Hirono Thermal Power Station Unit 3 (1,000MW) was started
March 12, 1991	Operation of Higashi Ohgishima Thermal Power Station Unit 2 (1,000MW) was started
December 20, 1991	Operation of Imaichi Power Station Units 2, 3 (350MW x 2) was started Imaichi Power Station completed (maximum output 1,050MW, single-unit output 350MW)
January 22, 1993	Operation of Hirono Thermal Power Station Unit 4 (1,000MW) was started
June 24, 1994	Operation of Shiobara Power Station Units 1, 2 (300MW x 2) was started
July 7, 1994	Operation of Goi Thermal Power Station Unit 6 Gas Turbine (126MW) was started
June 16, 1995	Operation of Shiobara Power Station Unit 3 (300MW) was started
July 2, 1997	Operation of Kashiwazaki-Kariwa Nuclear Power Station Unit 7 (1,356MW) was started Kashiwazaki-Kariwa Nuclear Power Station completed (the world's largest nuclear power station with total output of 8,212MW)
January 21, 1998	Operation of all units of Yokohama Thermal Power Station Group 7 (1,400MW) was started
January 22, 1998	Operation of all units of Yokohama Thermal Power Station Group 8 (1,400MW) was started
March 25, 1999	Operation of Hachijojima Geothermal Power Station (3.3MW) was started (TEPCO's first geothermal power station)
March 29, 1999	Operation of Chiba Thermal Power Station Units 1 – 4 (600MW) ceases operations
December 3, 1999	Operation of Kazunogawa Power Station Unit 1 (400MW) was started
March 31, 2000	Operation of Hachijojima Wind Power Station (500kW) was started (first commercial wind power plant for a power company)
April 7, 2000	Operation of all units of Chiba Thermal Power Station Group 1 (1,440MW) was started
June 8, 2000	Operation of Kazunogawa Power Station Unit 2 (400MW) was started
June 15, 2000	Operation of all units of Chiba Thermal Power Station Group 2 (1,440MW) was started
March 6, 2001	Operation of Shinagawa Thermal Power Station Group 1, Unit 2 (380MW) was started Generation capacity surpasses 60GW
August 20, 2003	Operation of all units of Shinagawa Thermal Power Station Group 1 (1,140MW) was started
November 13, 2003	Operation of all units of Futtsu Thermal Power Station Group 3 (1,520MW) was started
December 12, 2003	Operation of Hitachinaka Thermal Power Station Unit 1 (1,000MW) was started
July 12, 2004	Operation of Hirono Thermal Power Station Unit 5 (600MW) was started
December 22, 2005	Operation of Kannagawa Hydroelectric Power Station Unit 1 (470MW) was started
February 5, 2009	Operation of all units of Kawasaki Thermal Power Station Group 1 (1500MW) was started
October 5, 2010	Operation of all units of Futtsu Thermal Power Station Group 4 (1520MW) was started Operation of emergency power sources was started at following power stations: Chiba Thermal Power Station (668MW) Anegasaki Thermal Power Station (5.6MW) Sodegaura Thermal Power Station (112.2MW) Yokosuka Thermal Power Station (329.6MW) Kawasaki Thermal Power Station (128MW) Ohi Thermal Power Station (209MW) Hitachinaka Thermal Power Station (253.23MW)
April – September 2011	Operation of Ukishima Photovoltaic Power Station (7MW) was started (TEPCO's first Photovoltaic Power Station)
August 10, 2011	Operation of Ohgishima Photovoltaic Power Station (13MW) was started
December 19, 2012	Operation of Komekurayama Photovoltaic Power Station (10MW) was started
January 27, 2012	The emergency power sources of Hitachinaka Thermal Power Station (253.23MW) were abolished
March 31, 2012	Fukushima Daini Nuclear Power Station Unit 1-4 (2812MW) was abolished
April 19, 2012	Operation of Kannagawa Power Station Unit 2 (470MW) was started
June 7, 2012	Operation of emergency power sources was started at Chiba Thermal Power Station (334MW) and Kashima Thermal Power Station (804MW)
June – July 2012	Operation of Kawasaki Thermal Power Station Group 2, Unit 1 (500MW) was started
February 1, 2013	The emergency power sources of Yokosuka Thermal Power Station (75.9MW) and Sodegaura Thermal Power Station (112.2MW) was abolished
March 31, 2013	

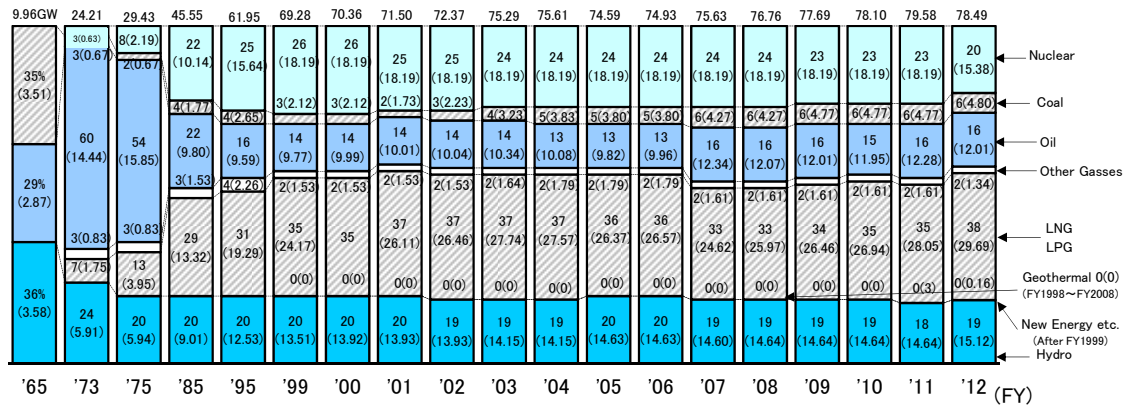
(2) Generation Capacity by Energy Source

a. Generation Capacity by Energy Source (TEPCO only)



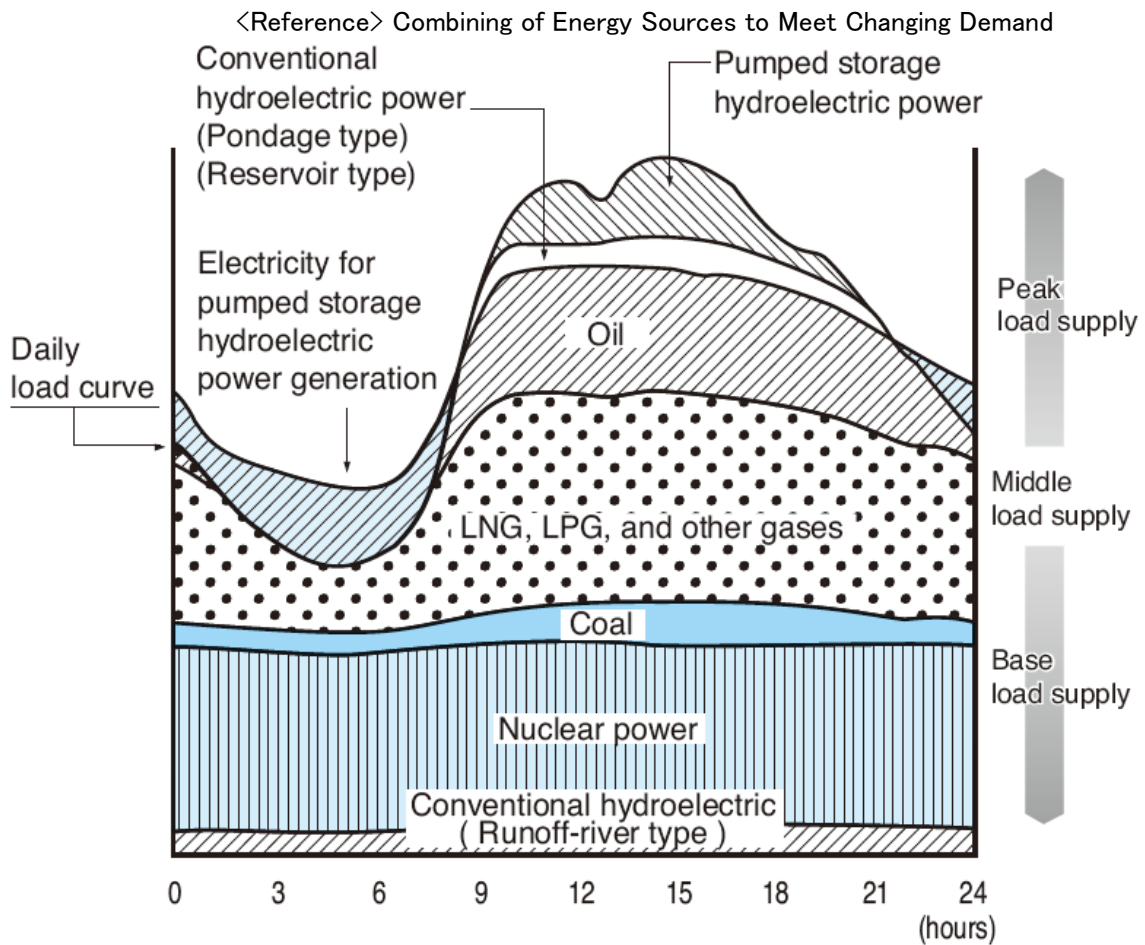
- Notes:
1. Figures at the top and in parentheses are authorized output (GW).
  2. Total capacity for the year may not agree with the sum of each energy source because of being rounded off.
  3. City gas is classified into LNG/LPG after FY1996.
  4. The figures for new energy etc. consist of wind, photovoltaic and waste power generation before FY2008 (facilities with expected supply capacity and TEPCO's approved facilities). The figures added geothermal and biomass power generation after FY2009 (facilities with expected supply capacity and TEPCO's approved facilities).
  5. Following the notification of decommissioning submitted on March 30, 2012 in accordance with Article 9 of the Electric Utilities Industry Law, Units 1-4 (2,812MW) at Fukushima Daiichi Nuclear Power Station were decommissioned on April 19, 2012.

b. Generation Capacity by Energy Source (TEPCO including purchased power)



- Notes:
1. Figures at the top and in parentheses are authorized output (GW).
  2. Total capacity for the year may not agree with the sum of each energy source because of being rounded off.
  3. City gas is classified into LNG/LPG after FY1996.
  4. The figures for new energy etc. consist of wind, photovoltaic and waste power generation before FY2008 (facilities with expected supply capacity and TEPCO's approved facilities). The figures added geothermal and biomass power generation after FY2009 (facilities with expected supply capacity and TEPCO's approved facilities).
  5. Following the notification of decommissioning submitted on March 30, 2012 in accordance with Article 9 of the Electric Utilities Industry Law, Units 1-4 (2,812MW) at Fukushima Daiichi Nuclear Power Station were decommissioned on April 19, 2012.





- Nuclear power: TEPCO utilizes it as a base load supply due to its greater stability, economical fuel supply situation and its environmental preservation advantage while keeping safety as the first target.
- Coal thermal power: TEPCO promotes its long term development as a base load supply considering its environmental impact from the viewpoint of diversification of electric power sources and due to its higher stability and economical fuel supply situation.
- LNG thermal power: TEPCO promotes its development as an urban type electric power source near demand areas for middle and base load supplies with aiming the high-efficiency power generation due to its excellent environmental adaptability and operability as compared with other fossil fuels.
- Oil thermal power: TEPCO ensures proper capacity for peak load supply by extending the service life of present facilities due to its quick operational response to variations in demand and its flexible fuel supply buffer function.
- Pumped storage hydroelectric power: TEPCO utilizes it as an economic and reliable peak load supply due to its excellent load traceability and a power storage-operations function.
- Conventional hydroelectric power: TEPCO promotes its development with careful consideration of harmony with nature and economic efficiency in view of its advantages as a purely domestic renewable energy source and its lower environmental impact.

## (3) Major Power Generation Facilities

## a. Hydroelectric Power (as of April 1, 2013)

Prefecture	Name of the water system	Name of the river	Power station name	Type	Maximum output (MW)	Commencement date
Tochigi 23 locations 2,206.3MW	Nakagawa	Sawanagawa	Sawanagawa	Conduit	0.19	Oct. 1925
		Kurokawa Yosasagawa	Kurokawa	Conduit	0.92	Jul. 1921
		Osabigawa Kosabigawa	Sabigawa	Conduit	8	Sep. 1961
		Akagawa	Akagawa	Conduit	1.1	Jan. 1929
		Hokigawa	Hokigawa	Conduit	4.8	Jul. 1943
		Nabearisawagawa	* Shiobara	Dam/Conduit	900	Jun. 1994
	Tonegawa	Kinugawa	Kawamata	Dam	27	Nov. 1963
			Kuriyama	Conduit	42	Mar. 1944
			Kinugawa	Conduit	127	Nov. 1963
			Shioya	Dam	9.2	Nov. 1963
			Takenosawa	Conduit	8.6	Dec. 1922
			Nakaiwa	Dam	4.6	Jan. 1924
		Kinugawa Kodaiyagawa	Michiyabara	Conduit	1.9	Aug. 1922
		Kinugawa	Nishi-kinugawa	Conduit	1.2	Apr. 1928
		Togawa	* Imaichi	Dam/Conduit	1,050	Jul. 1988
			Togawa	Dam	0.24	Jan. 2011
		Jigokugawa	Shobugahama	Conduit	0.45	Dec. 1916
		Daiyagawa	Nikko-daiichi	Conduit	1.3	May 1918
			Nikko-daini	Conduit	1.4	Oct. 1893
			Akazawa	Conduit	1.2	Feb. 1949
			Tokorono-daiichi	Conduit	4.2	Apr. 1897
			Tokorono-daini	Conduit	5.6	Mar. 1945
			Tokorono-daisan	Conduit	5.4	Dec. 1952
Gunma 42 locations 2,908.84MW	Tonegawa	Tonegawa	* Yagisawa	Dam	240	Dec. 1965
		Tonegawa Naramatagawa	Sudagai	Dam	46.2	Sep. 1955
		Hocchigawa Tonegawa	* Tamahara	Dam/Conduit	1,200	Dec. 1982
		Tonegawa	Fujiwara	Dam	22.2	Dec. 1956
		Tonegawa Takaragawa	Minakami	Conduit	19,	Aug. 1953
		Tonegawa	Kamimoku	Conduit	31.5	Nov. 1958
		Tonegawa Yubisogawa	Komatsu	Conduit	13.3	Nov. 1922
		Tonegawa Akayagawa	Iwamoto	Conduit	29.6	Mar. 1949
		Tonegawa Agatsumagawa	Saku	Conduit	76.8	Nov. 1928
			Maebashi	Conduit	1.6	Aug. 1933
			Ayado	Conduit	0.67	Apr. 1998
		Sugenuma Nikamatagawa	Marunuma	Conduit	4.3	Feb.1939
		Marunuma Ojirinuma	Ichinose	Conduit	10.7	Dec. 1937
		Ogawa	Shirane	Conduit	10.3	Mar. 1954
		Katashinagawa Ogawa	Kamata	Conduit	11.6	Mar. 1954
		Katashinagawa Kasashinagawa Iosawa	Tokura	Conduit	8.8	Oct. 1962
		Katashinagawa Kasashinagawa	Sennotaki	Conduit	2.8	Dec. 1941

Prefecture	Name of the water system	Name of the river	Power station name	Type	Maximum output (MW)	Commencement date
Gunma 42 locations 2,908.84MW	Tonegawa	Katashinagawa Ogawa Nurigawa	Hataya	Conduit	9	Nov. 1927
		Katashinagawa	Chidori	Conduit	2.2	Dec. 1927
		Katashinagawa Hiragawa	Iwamuro	Conduit	19.6	Jul. 1915
		Nerigawa Akagisawagawa	Nerigawa	Conduit	1	Dec. 1920
		Katashinagawa Shirasawagawa Usunegawa Tazawagawa	Kamikuya	Conduit	19	Jun. 1925
		Katashinagawa	Fuseda	Conduit	13	Oct. 1926
		Watarasegawa	Fukuoka	Conduit	7.4	Jan. 1927
		Agatsumagawa Osawagawa Oyokogawa	Kazawa	Conduit	5.6	Oct. 1926
		Agatsumagawa Manzagawa	Saikubo	Conduit	19	Nov. 1933
		Agatsumagawa	Imai	Conduit	7.9	Aug. 1925
			Haneo	Conduit	12.5	Oct. 1925
		Kumagawa	Otsu	Dam	2	Dec. 1931
			Kumagawa-daiichi	Conduit	2.4	Mar. 1922
		Shirosunagawa	Kumagawa-daini	Conduit	1.6	Oct. 1923
			Kawanaka	Conduit	14.6	Jul. 1940
		Agatsumagawa Shirosunagawa	Matsuya	Conduit	25.4	Dec. 1929
		Agatsumagawa Shirosunagawa	Haramachi	Conduit	27.4	Sep. 1937
		Nurugawa	Atsuta	Conduit	1.3	Nov. 1914
		Agatsumagawa Shimagawa	Hakojima	Conduit	24.8	Nov. 1951
		Agatsumagawa	Kanai	Conduit	14.2	Dec. 1922
			Shibukawa	Conduit	6.8	Apr. 1925
		Karasugawa	Muroda	Conduit	1.3	Dec. 1904
	Satomi		Conduit	1.2	Dec. 1918	
Kannagawa	Torao	Conduit	0.27	Nov. 2011		
Tonegawa Shinanogawa	Kannagawa Minamiaikigawa	* Kannagawa	Dam/Conduit	940	Dec. 2005	
Tokyo 1 location 0.05MW	Kawatagawa	Kawatagawa	Mikurajima	Conduit	0.05	Sep. 1957
Kanagawa 12 locations 45.59MW	Ayuzawagawa	Ayuzawagawa	Mine	Conduit	8.9	Mar. 1910
	Sakawagawa	Kochigawa	Arashi	Conduit	5.7	Aug. 1920
		Yozukugawa Kochigawa Omatazawa	Ochiai	Conduit	7	Mar. 1917
		Sakawagawa	Yamakita	Conduit	7	Dec. 1914
			Uchiyama	Conduit	3.9	Jan. 1918
			Fukuzawa-daiichi	Conduit	1.46	Mar. 1931
			Fukuzawa-daini	Conduit	1.03	Mar. 1931
		Hayakawa	Kawakubo	Conduit	1.8	Jul. 1953
	Hayakawa		Tonosawa	Conduit	3.8	Jul. 1909
	Yamazaki		Conduit	1.5	Oct. 1936	
	Sukumogawa Osawagawa		Hatajuku	Conduit	1.3	Sep. 1941
	Sukumogawa	Sanmaibashi	Conduit	2.2	Jul. 1918	

Prefecture	Name of the water system	Name of the river	Power station name	Type	Maximum output (MW)	Commencement date	
Yamanashi 29 locations 1,055.42MW	Sagamigawa	Saiko	Saiko	Conduit	2	Mar. 1919	
		Katsuragawa	Kanegafuchi	Conduit	2.6	Mar. 1922	
			Oshino	Conduit	0.8	Aug. 1922	
		Katsuragawa Osanogawa	Shishidome	Conduit	18.4	Apr. 1914	
		Katsuragawa Rankangawa Shakunagashigawa	Yamura	Conduit	14.7	Dec. 1920	
		Katsuragawa	Kawamo	Dam/Conduit	2.5	Feb. 1924	
		Katsuragawa Sugenogawa Asahigawa	Komahashi	Conduit	22.2	Dec. 1907	
	Katsuragawa	Yatsusawa	Conduit	42	Jul. 1912		
		Matsudome	Conduit	1.44	Apr. 1928		
	Fujigawa Sagamigawa	Hikawa Tsuchimurogawa	* Kazunogawa	Dam/Conduit	800	Dec. 1999	
	Sagamigawa	Tsuchimurogawa	Tsuchimurogawa	Dam	0.35	Dec. 1999	
	Fujigawa	Fujigawa	Kamanashigawa-daiichi	Kamanashigawa-daiichi	Conduit	5.8	Dec. 1926
				Kamanashigawa-daini	Conduit	6.2	Nov. 1926
				Kamanashigawa-daisan	Conduit	1	Feb. 1938
		Komukawa	Komukawa-daisan	Komukawa-daisan	Conduit	2.2	Dec. 1927
				Komukawa-daiyon	Conduit	1.1	Nov. 1927
		Shiokawa	Egusa	Conduit	2.4	May 1931	
		Daimongawa	Tsugane	Conduit	0.7	Sep. 1924	
		Midaigawa Kanayamazawagawa	Ashiyasu	Ashiyasu	Conduit	1.3	Apr. 1930
				Hajikano	Conduit	1.75	Nov. 1918
		Hikawa	Kashio	Kashio	Conduit	2.4	May 1923
				Mitake	Conduit	3.8	Aug. 1927
		Arakawa	Ashigawa-daiichi	Ashigawa-daiichi	Conduit	0.47	Aug. 1900
				Ashigawa-daini	Conduit	0.38	Jul. 1906
				Ashigawa-daisan	Conduit	0.53	Jan. 1912
	Oigawa	Oigawa	Tashirogawa-daiichi	Conduit	17.4	Sep. 1927	
			Tashirogawa-daini	Conduit	22.7	Nov. 1928	
	Fujigawa	Hayakawa	Hayakawa-daiichi	Conduit	51.2	Jul. 1923	
			Hayakawa-daisan	Conduit	27.1	Dec. 1926	
	Shizuoka 3 locations 18.4MW	Ayuzawagawa	Sugawa	Sukawa	Conduit	6	Dec. 1912
			Ayuzawagawa Sugawa Mabusegase	Suganuma	Conduit	6.2	May 1925
			Ayuzawagawa Nozawagawa Sugawa	Ikido	Conduit	6.2	Feb. 1930
Nagano 32 locations 2,503.66MW	Shinanogawa	Chikumagawa	Minowa	Conduit	5.1	May 1921	
			Domura-daiichi	Conduit	6.8	Dec. 1919	
			Domura-daini	Conduit	2.3	Dec. 1919	
			Domura-daisan	Conduit	1.05	May 1921	
			Hozumi	Conduit	8	Nov. 1925	
			Kaize	Conduit	4.4	Nov. 1925	
			Komoro	Conduit	16.2	Sep. 1927	
			Shimagawara	Conduit	16.3	Nov. 1930	
			Shiokawa	Conduit	8.1	Oct. 1938	
		Saikawa	Ikusaka	Dam	21	Aug. 1964	
			Taira	Dam	15.6	Nov. 1957	
			Minochi	Dam/Conduit	31.6	Jan. 1943	
			Sasadaira	Dam	14.7	May 1954	
		Azusagawa	Odagiri	Odagiri	Dam	16.9	Aug. 1954
				Kasumizawa	Conduit	39	Nov. 1928
				Yugawa	Conduit	17.4	Nov. 1997

Prefecture	Name of the water system	Name of the river	Power station name	Type	Maximum output (MW)	Commencement date					
Nagano 32 locations 2,503.66MW	Sinanogawa	Azusagawa	Sawando	Conduit	4	Nov. 1936					
		Azusagawa Midonogawa	* Azumi	Dam/Conduit	623	May 1969					
		Azusagawa	* Midono	Dam	245	Oct. 1969					
			Inekoki	Dam	0.51	Apr. 1999					
			Ryushima	Dam/Conduit	32	Jan. 1969					
		Maekawa Koonogawa	Maekawa	Conduit	2	Dec. 1927					
		Oshirakawa	Oshirakawa	Conduit	3.1	Nov. 1925					
		Shimashimadanigawa	Shimashimadani	Conduit	2.7	Apr. 1938					
		Takasegawa	Takasegawa-daiichi	Conduit	3.3	Dec. 1923					
			Takasegawa-daigo	Conduit	6.6	Jan. 1925					
			* Shin-Takasegawa	Dam/Conduit	1,280	Jun. 1979					
			Nakanosawa	Dam/Conduit	42	May 1980					
		Takasegawa Kagogawa Omachishinsegi	Omachishinsegi	Conduit	1	May 2012					
			Nakatsugawa Zakogawa	Kiriake	Conduit	20	Nov. 1955				
Tochikawa	Tochikawa	Conduit	1	Dec. 2010							
Fukushima 15 locations 354.33MW	Aganogawa	Inawashiroko	Numagami	Conduit	2.1	Jun. 1899					
	Abukumagawa	Gohyakugawa	Takenouchi	Conduit	3.7	Jul. 1919					
			Marumori	Conduit	5.9	Oct. 1921					
	Aganogawa	Hibarako Oguninuma Onogawako Nakatsugawa Nagasegawa Oshizawagawa	Onogawa	Conduit	34.2	Dec. 1937					
							Akimotoko Nagasegawa	Akimoto	Conduit	107.5	Feb. 1940
								Nagasegawa	Numanokura	Conduit	18.9
							Inawashiroko Nippashigawa	Inawashiro-daiichi	Conduit	62.8	Oct. 1914
								Nippashigawa	Inawashiro-daini	Conduit	37.5
		Inawashiro-daisan	Conduit	23.2	Dec. 1926						
		Nippashigawa	Conduit	10.6	Apr. 1912						
		Nippashigawa Otanigawa	Inawashiro-daiyon	Conduit	37.1	Nov. 1926					
		Nippashigawa	Kanagawa	Conduit	6.5	Oct. 1919					
		Inawashiroko Nippashigawa	Tonokuchizeki-daiichi	Conduit	2.08	Feb. 1927					
		Nippashigawa Kanayamagawa	Tonokuchizeki-daini	Conduit	0.85	Jun. 1919					
		Kanayamagawa	Tonokuchizeki-daisan	Conduit	1.4	Dec. 1926					
Niigata 7 locations 360.8MW		Shinanogawa	Nakatsugawa Zakogawa	Nakatsugawa-daiichi	Conduit	126	Sep. 1924				
	Nakatsugawa-daini			Conduit	22.5	Nov. 1922					
	Shinanogawa		Shimofunato	Conduit	6.1	Jan. 1954					
			Shinanogawa	Conduit	169	Nov. 1939					
	Kiyotsugawa Asagaigawa Kassagawa		Kiyotsugawa	Conduit	16	Dec. 1958					
	Kiyotsugawa		Yuzawa	Conduit	15.6	May 1923					
	Uonogawa Kiyotsugawa		Ishiuchi	Conduit	5.6	Nov. 1926					
<b>Total</b>		<b>164 locations</b>			<b>9,454.39MW</b>						

Note \* indicates pumping-up hydroelectric power station.

b. Thermal Power (as of July 1, 2013)

Station name	Location	Maximum output (MW)	Unit No.	Single unit capacity (MW)	Commencement date	Design thermal efficiency (%) (LHV)	Type	Fuel in use		
Chiba	2-1377 Soga-cho, Chuo-ku, Chiba, Chiba Pref.	2,880 (1,002)	Group 1 Unit 1-1 } Unit 1-4	S/T 118.1 × 4 G/T 241.9 × 4	Apr. 2000	54.2	ACC	LNG		
			Group 2 Unit 2-1 } Unit 2-4	S/T 127 × 4 G/T 233 × 4	Jun. 2000					
			(Emergency power source) Group 3 Unit 3-1 } Unit 3-3	(334 × 3)	(Jul. 2012)	(39.0)	(GT)	(LNG)		
Goi	1 Goi Kaigan, Ichihara, Chiba Pref.	1,886	Unit 1	265	Jun. 1963	42.4	Steam power	LNG		
			Unit 2	265	Aug. 1964					
			Unit 3	265	Jul. 1965					
			Unit 4	265	Jan. 1966	42.2				
			Unit 5	350	Jan. 1968					
			Unit 6	S/T 350 G/T 126	Mar. 1968 Jul. 1994	45.7	Steam power GT			
Anegasaki	3 Anegasaki Kaigan, Ichihara, Chiba Pref.	3,600 (5.6)	Unit 1	600	Dec. 1967	42.7	Steam power	Heavy oil Crude oil NGL LNG LPG		
			Unit 2	600	Nov. 1969					
			Unit 3	600	Jun. 1971					
			Unit 4	600	Sep. 1972					
			Unit 5	600	Apr. 1977					
			Unit 6	600	Oct. 1979	43.0				
			(Emergency power source) Unit 1 diesel engine	(1.4)	(Apr. 2011)		(43.5)		(DE)	(Light oil)
			(Emergency power source) Unit 2 diesel engine	(1.4)						
			(Emergency power source) Unit 3 diesel engine	(1.4)						
			(Emergency power source) Unit 4 diesel engine	(1.4)						
(Emergency power source) Unit 4 diesel engine	(1.4)									
Sodegaura	2-1 Nakasode, Sodegaura, Chiba Pref.	3,600	Unit 1	600	Aug. 1974	43.0	Steam power	LNG		
			Unit 2	1,000	Sep. 1975					
			Unit 3	1,000	Feb. 1977	43.5				
			Unit 4	1,000	Aug. 1979					
Futtsu	25 Shintomi, Futtsu, Chiba Pref.	5,040	Group 1 Unit 1-1 } Unit 1-7	S/T 52.177 × 7 G/T 112.823 × 7	Nov. 1986	47.2	CC	LNG		
			Group 2 Unit 2-1 } Unit 2-7	S/T 52.177 × 7 G/T 112.823 × 7	Nov. 1988					
			Group 3 Unit 3-1 } Unit 3-4	S/T 131 × 4 G/T 249 × 4	Nov. 2003	55.3	ACC			
			Group 4 Unit 4-1 } Unit 4-3	S/T 171 × 3 G/T 336 × 3	Oct. 2010				58.6	MACC

Station name	Location	Maximum output (MW)	Unit No.	Single unit capacity (MW)	Commencement date	Design thermal efficiency (%) (LHV)	Type	Fuel in use
Yokosuka	9-2-1 Kurihama, Yokosuka, Kanagawa Pref.	2,274	Unit 3	350	May 1964	42.2	Steam power	Heavy oil Crude oil
			Unit 4	350	Jul. 1964			
			Unit 5	350	Jul. 1966			
			Unit 6	350	Jan. 1967			
			Unit 7	350	Sep. 1969			
			Unit 8	350	Jan. 1970			
			G/T Unit 1	30	Jul. 1971	24.2	GT	Light oil
G/T Unit 2	144	Sep. 2007	32.8	GT	City gas Light oil			
Kawasaki	5-1 Chidori-cho, Kawasaki-ku, Kanagawa Pref.	2,000 (128)	Group 1 ( Unit 1-1 } Unit 1-3 )	S/T 167 × 3 G/T 333 × 3	Feb. 2009	58.6	MACC	LNG
			Group 2 Unit 2-1	S/T 167 × 1 G/T 333 × 1	Feb. 2013			
			(Emergency power source) Unit 1 gas turbine	(128)	(Aug. 2011)	(30.5)	(GT)	(LNG)
Yokohama	11-1 Daikoku-cho, Tsurumi-ku, Yokohama, Kanagawa Pref.	3,325	Unit 5	175	Mar. 1964	41.6	Steam power	Heavy oil Crude oil NGL LNG
			Unit 6	350	Jun. 1968	42.2		
			Group 7 ( Unit 7-1 } Unit 7-4 )	S/T 125 × 4 G/T 225 × 4	Jan. 1998	54.1	ACC	
			Group 8 ( Unit 8-1 } Unit 8-4 )	S/T 125 × 4 G/T 225 × 4	Jan. 1998			
			Unit 1	350	May 1970			
Unit 2	350	Apr. 1970						
Unit 3	450	May 1973						
Higashi Ohgishima	3 Higashi Ohgishima, Kawasaki-ku, Kanagawa Pref.	2,000	Unit 1	1,000	Sep. 1987	44.6	Steam power	LNG
			Unit 2	1,000	Mar. 1991	44.7		
Kashima	9 Higashi Wada, Kamisu, Ibaraki Pref.	4,400 (804)	Unit 1	600	Mar. 1971	42.7	Steam power	Heavy oil Crude oil
			Unit 2	600	Sep. 1971			
			Unit 3	600	Feb. 1972			
			Unit 4	600	Apr. 1972			
			Unit 5	1,000	Sep. 1974	43.2		
			Unit 6	1,000	Jun. 1975			
			(Emergency power source) Group 7 ( Unit 7-1 } Unit 7-3 )	(268 × 3)	(Jul. 2012)		(37.1)	(GT)
Ohi	1-2-2 Yashio, Shinagawa-ku, Tokyo	1,050 (209)	Unit 1	350	Aug. 1971	42.2	Steam power	Crude oil
			Unit 2	350	Feb. 1972			
			Unit 3	350	Dec. 1973			
			(Emergency power source) Unit 1 gas turbine	(128)	(Sep. 2011)	(30.5)	(GT)	(City gas)
			(Emergency power source) Unit 2 gas turbine	(81)				

Station name	Location	Maximum output (MW)	Unit No.	Single unit capacity (MW)	Commencement date	Design thermal efficiency (%) (LHV)	Type	Fuel in use
Hirono	58 Futatsu Numa, Shimokitaba, Hirono-machi, Futaba-gun, Fukushima Pref.	3,800	Unit 1	600	Apr. 1980	43.1	Steam power	Heavy oil Crude oil
			Unit 2	600	Jul. 1980			
			Unit 3	1,000	Jun. 1989	44.3		
			Unit 4	1,000	Jan. 1993	44.2		
			Unit 5	600	Jul. 2004	45.2		Coal
Shinagawa	5-6-22 Higashi Shinagawa, Shinagawa-ku, Tokyo	1,140	Group 1 Unit 1-1 } Unit 1-3	S/T 133 × 3 G/T 247 × 3	Aug. 2003	55.3	ACC	City gas
Hitachinaka	768-23 Terunuma, Tokai-mura, Naka-gun, Ibaraki Pref.	1,000	Unit 1	1,000	Dec. 2003	45.2	Steam power	Coal

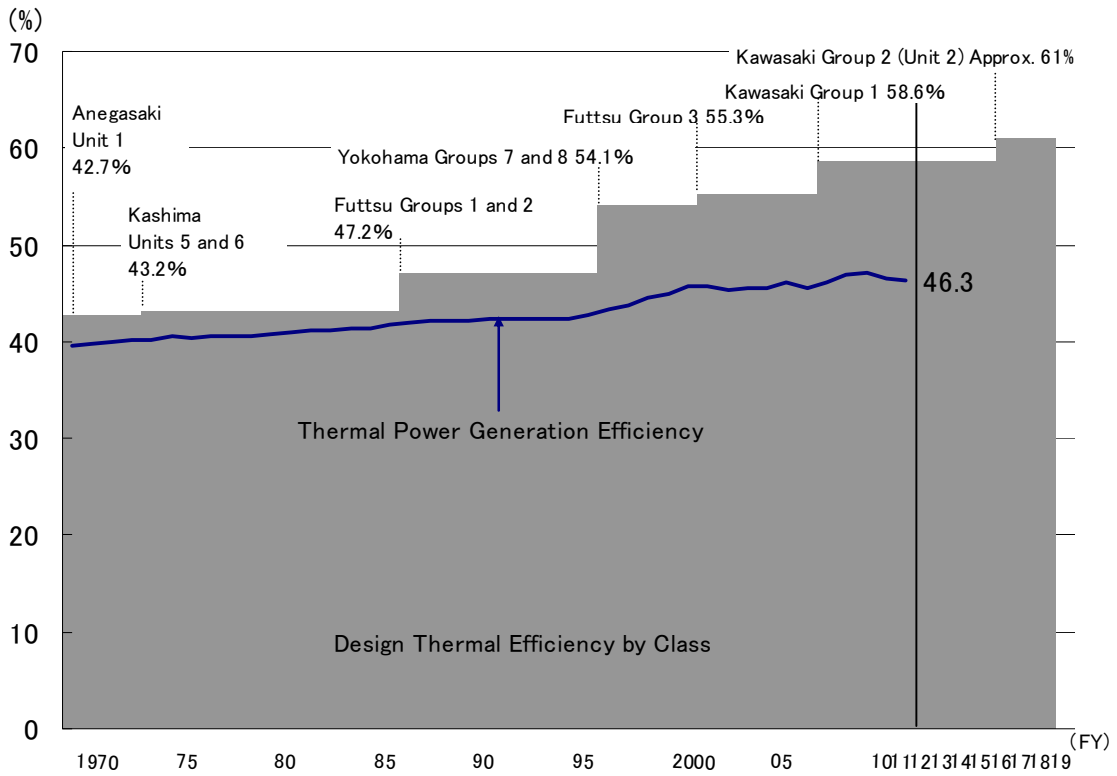
- Notes
- Emergency power source is provided in the parentheses.
  - S/T stands for “Steam Turbine”, and G/T stands for “Gas Turbine”.
  - Generation Type
    - Steam power: Steam power generation
    - CC: 1,100°C class combined cycle generation
    - ACC: 1,300°C class combined cycle generation
    - MACC: 1,500°C class combined cycle generation
    - GT: Gas turbine generation
    - DE: Diesel engine generation

● Internal Combustion Power Station

Station name	Oshima	Nijima	Kohzushima	Miyakejima	Hachijojima	Toshima	Aogashima	Ogasawara Chichijima	Ogasawara Hahajima	Mikurajima
Maximum output (MW)	15.4	7.7	4.5	5	11.1	0.72	0.64	4.3	0.96	0.6



<Reference> Thermal Power Generation Efficiency (LHV: Lower Heating Value)



Note: Lower heating values (LHV) were estimated from higher heating values (HHV), using the conversion coefficient from General Energy Statistics (FY2004).

c. Nuclear Power (as of April 1, 2013)

Station Name	Location/Site area	Plant Capacity (MW)	Unit No.	Output (MW)	Type (*2)	Commencement date
Fukushima Daiichi (*1)	Ookuma Town and Futaba Town, Futaba Gun, Fukushima Pref. (Approx. 3,500,000m <sup>2</sup> )	1,884	Unit 5	784	BWR	Apr. 1978
			Unit 6	1,100	BWR	Oct. 1979
Fukushima Daini	Tomioka Town and Naraha Town, Futaba Gun, Fukushima Pref. (Approx. 1,500,000m <sup>2</sup> )	4,400	Unit 1	1,100	BWR	Apr. 1982
			Unit 2	1,100	BWR	Feb. 1984
			Unit 3	1,100	BWR	Jun. 1985
			Unit 4	1,100	BWR	Aug. 1987
Kashiwazaki-Kariwa	Kariwa Village, Kariwa Gun, and Kashiwazaki City, Niigata Pref. (Approx. 4,200,000m <sup>2</sup> )	8,212	Unit 1	1,100	BWR	Sep. 1985
			Unit 2	1,100	BWR	Sep. 1990
			Unit 3	1,100	BWR	Aug. 1993
			Unit 4	1,100	BWR	Aug. 1994
			Unit 5	1,100	BWR	Apr. 1990
			Unit 6	1,356	ABWR	Nov. 1996
			Unit 7	1,356	ABWR	Jul. 1997

\*1 Unit1~4 Fukushima Daiichi Nuclear Power Station was abolished on April 19, 2012.

\*2 BWR: Boiling Water Reactor, ABWR: Advanced Boiling Water Reactor

d. New Energy (as of April 1, 2013)

Station Name	Location	Plant Capacity (MW)	Single Unit Capacity (MW)
Hachijyoujima Geothermal	2872 Nakanogou, Hachijyou Town, Hachijyoujima, Tokyo	3.3	3.3 × 1 unit
Hachijyoujima Wind Power	2872 Nakanogou, Hachijyou Town, Hachijyoujima, Tokyo	0.5	0.5 × 1 unit
Ukishima Photovoltaic Power	507 Ukishima-cho, Kawasaki-ku, Kawasaki City, Kanagawa Pref.	7	—
Ohgishima Photovoltaic Power	1-4 Ohgishima, Kawasaki-ku, Kawasaki City, Kanagawa Pref.	13	—
Komekurayama Photovoltaic Power	3443-1 Shimomukouyama-cho, Kofu City, Yamanashi Pref.	10	—

<Reference> Sites Where TEPCO Has Introduced New Energy (as of the end of March 2013)

Photovoltaic Power (Solar Power)	Futtsu Thermal Power Station, Fuji Service Center, Tsurumi Service Center, Tochigi Branch Office, Thermal Power Technical Training Center, Takasaki Service Center, Yamanashi Branch Office, Mito Service Center, Kanagawa Branch Office, Hiratsuka Service Center, Otsuka Service Center, Tama Branch Office Higashimurayama Annex, Atami Office, Tsuchiura Service Center, General Training Center, Fuji-Yoshida Sales Center, Maebashi Service Center, Ueno Service Center, Tochigi-Minami Service Center, Kanuma Office, Ibaraki Branch Office, Hitachi Sales Center, Fujisawa Service Center Kamakura Office, Izu Service Center, Narita Service Center Annex, Kumagaya Service Center, Minami Yokohama Thermal Power Station, Yokohama Thermal Power Station, Yokosuka Sales Center, Tama Branch Office Fuchu Office, Komahashi Control Office, Fukushima Daini Nuclear Power Station, Tokyo Branch Office, Higashi Ohgishima Thermal Power Station, Saitama Service Center, Yamato Sales Center, Adachi Sales Center, Kazunogawa Hydroelectric Power Station (Kazunogawa Dam), Kazunogawa Hydroelectric Power Station (Kami-Hikawa River Dam), Choshi Office, Hitachinaka Thermal Power Station, Research & Development Center, Tama Branch Office, Saitama Office (total 44 sites, 506.5kW)
Wind Power	Minami-Yokohama Thermal Power Station (0.4kW), Yokohama Thermal Power Station (4kW) Choshi Offshore Demonstration Project Offshore Wind Farm (2,400kW)*

\* Cooperative research facility with New Energy and Industrial Technology Development Organization

## (4) Electricity Generated and Purchased

(Unit: TWh)

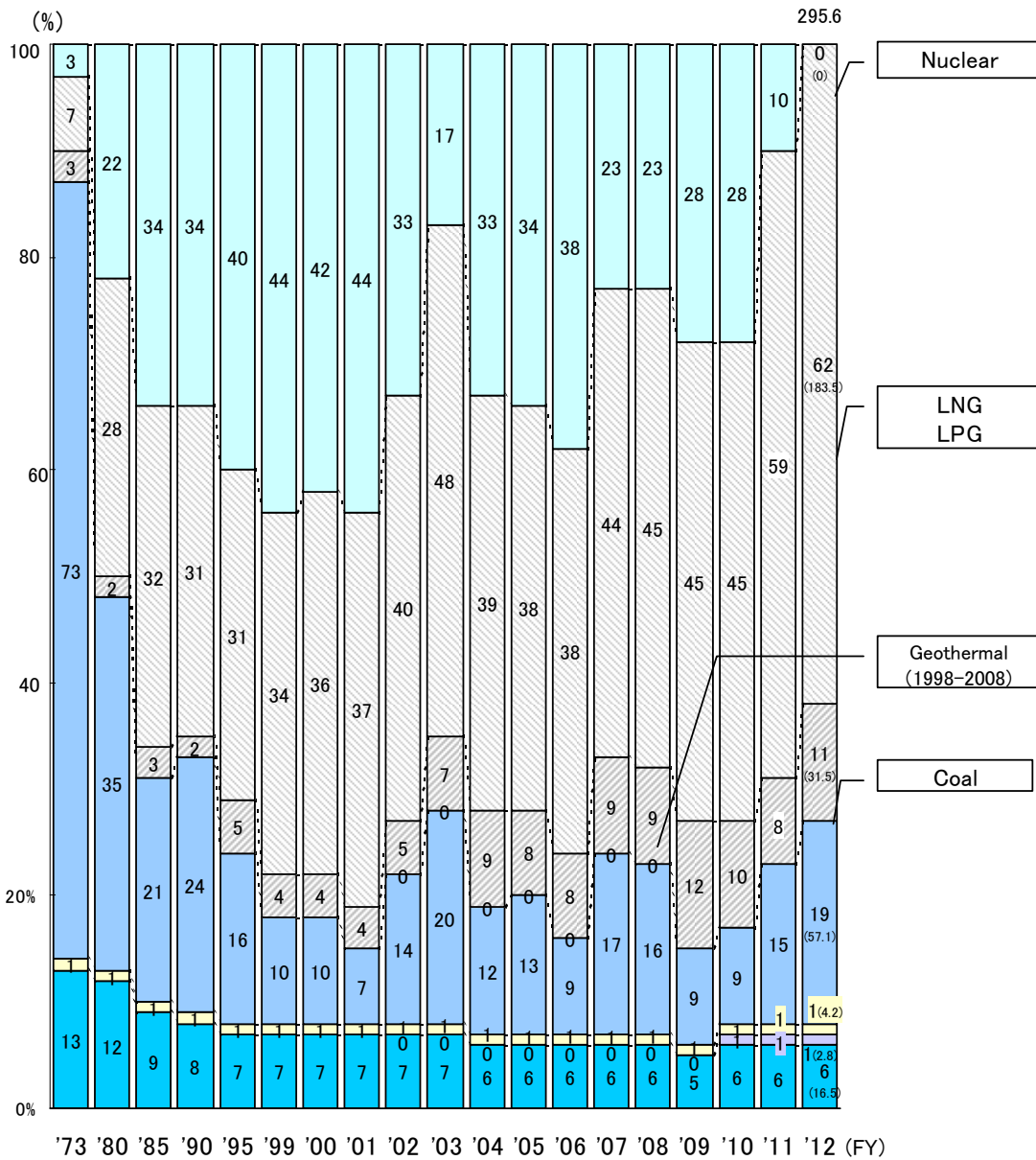
FY	1970	1975	1980	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
<b>Hydro</b> (Percentage composition, %) <Flow rate, %>	11.1 (14.4)	10.6 (11.1)	11.2 (9.1)	11.2 (6.8)	12.6 (5.7)	12.7 (5.1)	13.7 (5.2)	13.7 (5.3)	12.5 (5.0)	12.6 (5.4)	12.8 (4.9)	11.7 (4.3)	12.9 (4.8)	12.1 (4.4)	10.7 (4.1)	10.1 (4.0)	11.3 (4.3)	10.8 (4.3)	10.8 (4.5)	
<b>Thermal</b> (Percentage composition, %)	65.2 (85.2)	80.1 (83.9)	85.9 (70.0)	96.9 (58.7)	131.8 (59.5)	129.6 (52.0)	131.5 (49.5)	121.8 (47.4)	149.2 (58.8)	181.2 (77.5)	155.5 (59.4)	157.3 (58.4)	145.6 (53.7)	193.1 (70.6)	182.7 (70.3)	161.2 (63.9)	168.9 (64.0)	210.3 (84.4)	229.8 (95.5)	
<b>Nuclear</b> (Percentage composition, %)	0.3 (0.4)	4.7 (5.0)	25.6 (20.9)	56.9 (34.5)	77.1 (34.8)	106.9 (42.9)	120.4 (45.3)	121.5 (47.3)	92.0 (36.2)	39.9 (17.1)	93.5 (35.7)	100.7 (37.3)	112.5 (41.5)	68.3 (25.0)	66.3 (25.6)	80.9 (32.1)	83.8 (31.7)	28.1 (11.3)	-	
<b>Wind Power</b> (Percentage composition, %)	-	-	-	-	-	-	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.0)
<b>Total Generated</b>	76.6	95.4	122.7	165.0	221.5	249.2	265.6	257.0	253.7	233.7	261.8	269.7	271.0	273.5	259.7	252.2	264.0	249.2	240.7	
<b>Total Purchased</b>	11.9	16.2	21.4	22.6	27.3	33.7	36.2	32.9	38.9	44.9	41.3	36.1	36.6	43.0	47.5	44.1	49.5	42.7	52.2	
<b>Exchange</b>	-0.6	1.2	0.9	-2.5	-0.7	4.4	11.6	17.2	20.2	24.0	12.8	12.1	9.5	12.4	9.3	9.9	5.8	1.3	1.0	
<b>Used at Pumped Storage</b>	-2.1	-0.2	-1.1	-3.0	-6.0	-8.1	-7.7	-7.6	-5.5	-2.9	-4.1	-4.5	-4.4	-5.8	-2.3	-1.7	-2.7	-2.4	-4.2	
<b>Total Generated and Purchased</b>	85.8	112.6	143.9	182.1	242.1	279.2	305.7	299.5	307.3	299.7	311.8	313.4	312.7	323.1	314.2	304.5	316.6	290.8	289.7	
<b>Used in Power Stations</b> <Station service power rate, %>	3.1 < 4.0>	3.6 < 3.7>	4.9 < 4.0>	6.9 < 4.1>	9.1 < 4.1>	10.3 < 4.1>	10.2 < 3.9>	9.8 < 3.8>	9.5 < 3.8>	9.4 < 4.0>	10.3 < 3.9>	10.3 < 3.8>	10.2 < 3.8>	10.2 < 3.7>	9.7 < 3.7>	9.7 < 3.8>	9.8 < 3.7>	8.5 < 3.4>	8.1 < 3.4>	
<b>Transmission End Supply Capacity</b>	82.7	109.0	139.0	175.2	233.0	268.9	295.5	289.7	297.8	290.3	301.5	303.1	302.5	312.9	304.5	294.8	306.8	282.3	281.6	
<b>Total Loss Factor (%)</b> <Transmission and distribution loss rate>	10.0 < 6.5>	9.2 < 6.1>	8.9 < 5.5>	9.2 < 5.5>	9.2 < 5.4>	8.9 < 5.2>	8.2 < 4.9>	8.0 < 4.7>	8.3 < 5.2>	7.9 < 4.8>	8.0 < 4.7>	7.9 < 4.6>	8.0 < 4.8>	8.0 < 4.8>	8.0 < 4.9>	8.0 < 4.8>	7.4 < 4.2>	7.8 < 4.8>	7.1 < 4.3>	
<b>Power Demand</b> (Electricity sold)	77.3	102.2	131.1	165.3	219.9	254.4	280.7	275.5	281.9	276.0	286.7	288.7	287.6	297.4	289.0	280.2	293.4	268.2	269.0	

Notes:

1. Figures in parentheses represent the percentage composition of TEPCO's own power output.
2. The sum total of numerical values given in the columns may not agree with the figures given in the total column because fractions are rounded off.
3. Figures for thermal power include geothermal power (until FY 2009).
4. Figures for new energy include wind power, solar power and geothermal power (until FY 2010).

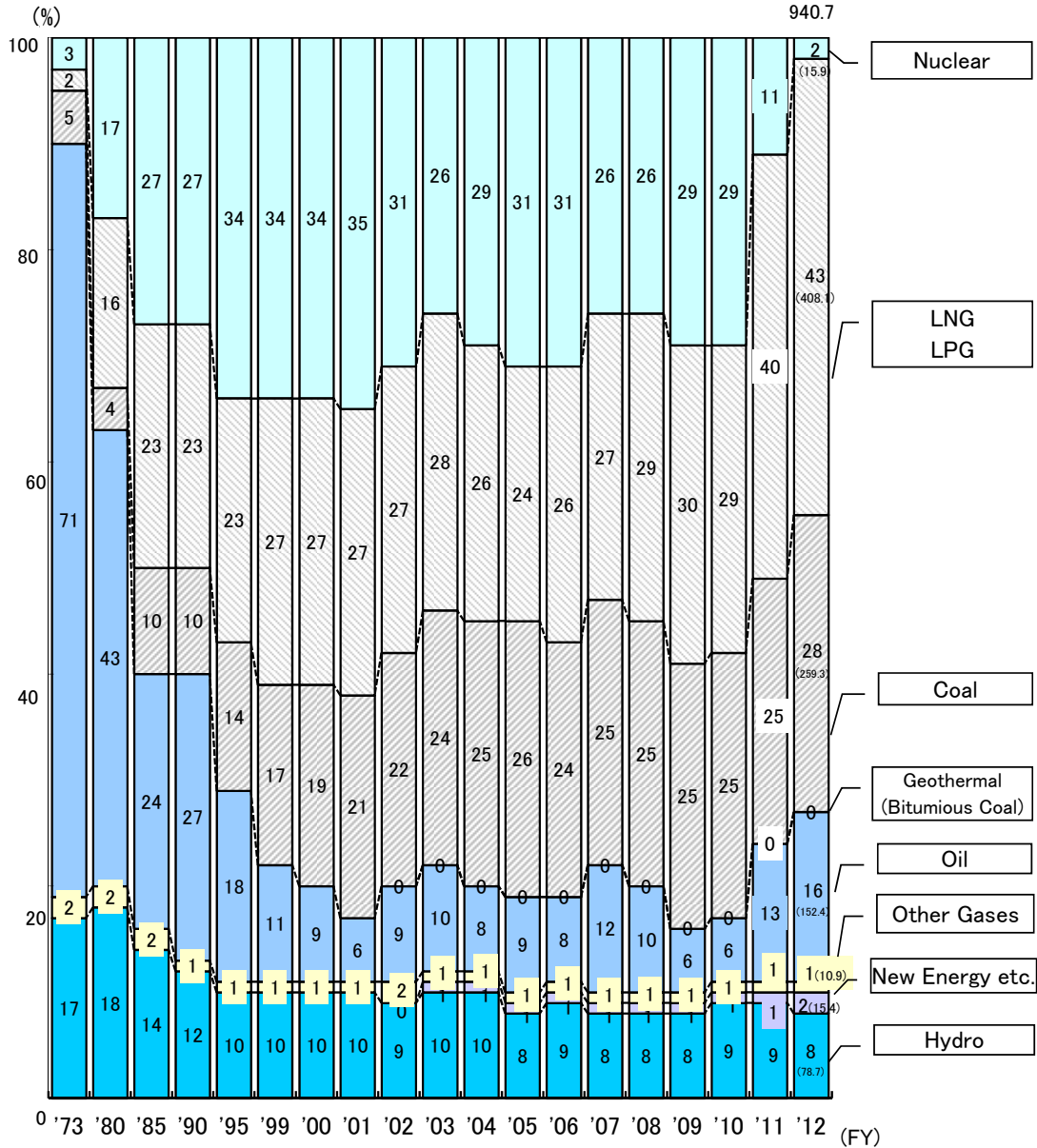
(5) Changes in Power Output Composition by Energy Sources (TEPCO including purchased power)

a. TEPCO



- Notes: 1. Figures in parentheses for FY2012 are electricity generated (TWh).  
 2. The figures for new energy etc. consist of wind, photovoltaic and waste power generation before FY2008.  
 The figures added geothermal and biomass power generation after FY2009.

b. 10 Electric Power Companies



- Notes:
1. Figures in parentheses are electricity generated (TWh).
  2. Totals may not agree with the sum of each energy source because of being rounded off. (The sum of the values in each bar is adjusted to 100%.)
  3. Figures are given for a total of 9 power companies (except Okinawa Power Company) before 1985.
  4. The figures for new energy etc. consist of wind, photovoltaic and waste power generation before FY2008. The figures added geothermal and biomass power generation after FY2009.

## (6) Electricity Supply Plan

## a. Electric Power Development Program

	Location	Output (MW)	Commencement Date
Hydroelectric Power	Kannagawa Unit 2, 3-6	470 x 5	Jun. 2012, after FY2023
	Kazunogawa Unit 3, 4	400 x 2	May 2014, after FY2023
Coal Thermal Power	Hitachinaka Unit 2	1,000	Dec. 2013
	Hirono Unit 6	600	Dec. 2013
LNG Thermal Power	Kawasaki Group 2	1,920	Feb. 2013, Jul. 2016, Jul. 2017
	Chiba Group 3	1,500	Apr. 2014, Jun. 2014, Jul. 2014
	Kashima Group 7	1,248	May 2014, Jul. 2014, Jun. 2014
	Goi Group 1	2,130	After FY2023
Nuclear Power	Higashi-dori Unit 1,2	1,385 x 2	Not determined yet
New Energy	Higashi-izu Wind Power Station	18.37	27/3

## &lt;Reference&gt; Decommissioning Plan of Emergency power source

	Location	Output (MW)	Decommissioning Date
Emergency Power Source	Sodegaura GE	112.2	Mar. 2013
	Yokosuka Unit 3, 5, 6 GT	329.6	Mar. 2013, Jun. 2013, Jun. 2013

Notes: GE: Gas engine

b. Demand Outlook

(Unit: TWh)

		FY	2012	2013	2014	2017	2022	Yearly Average Increase Rate
			(actual)					2021/2011
<b>TEPCO</b>	Demand Other than Specified-Scale	Lighting	95.3	94.6	95.4	97.4	99.7	0.5%
		Power	10.9	9.8	9.6	8.9	7.9	-3.2%
		Total of Lighting and Power	106.2	104.5	104.9	106.3	107.6	0.1%
	Specified-Scale Demand		162.9	162.5	163.8	170.5	184.9	1.3%
	Total Demand		269.0	267.0	268.7	276.8	292.5	0.8%

- Notes:
1. Figures are quoted from the Emergency Supply Plan in FY2013.
  2. Specified-scale demand includes contracts for at least, 50kW.
  3. Total demand figures may not agree with the sum of each item because of being rounded off.

c. Peak Demand Outlook

(Unit: GW)

		FY	2012	2013	2014	2017	2022	Yearly Average Increase Rate
			(actual)					2022/2012
<b>TEPCO</b>			49.11	49.82	50.20	51.54	54.53	1.1

- Notes:
1. "Peak demand" here represents the maximum three-day average peak load at transmission end.
  2. Figures are quoted from the Electricity Supply Plan in FY2013.



(7) Wide Area Coordination System Operation

a. Purpose

Implement facility development and business operation efficiently through mutual corporation of electric power companies.

b. Recent Situations

- Operation of new cable at Electric Power Development Company Hokkaido/Honshu Connection Line has started since December 2012.
- Full-scale operation of Chubu Electric Power's Higashi Shimizu Frequency Conversion Station has started since February 2013.
- Enhancement by 900MW of Tokyo/Chubu Connection Line is being performed. TEPCO is in charge of installation of DC power transmission line and 50Hz AC-DC conversion facility.

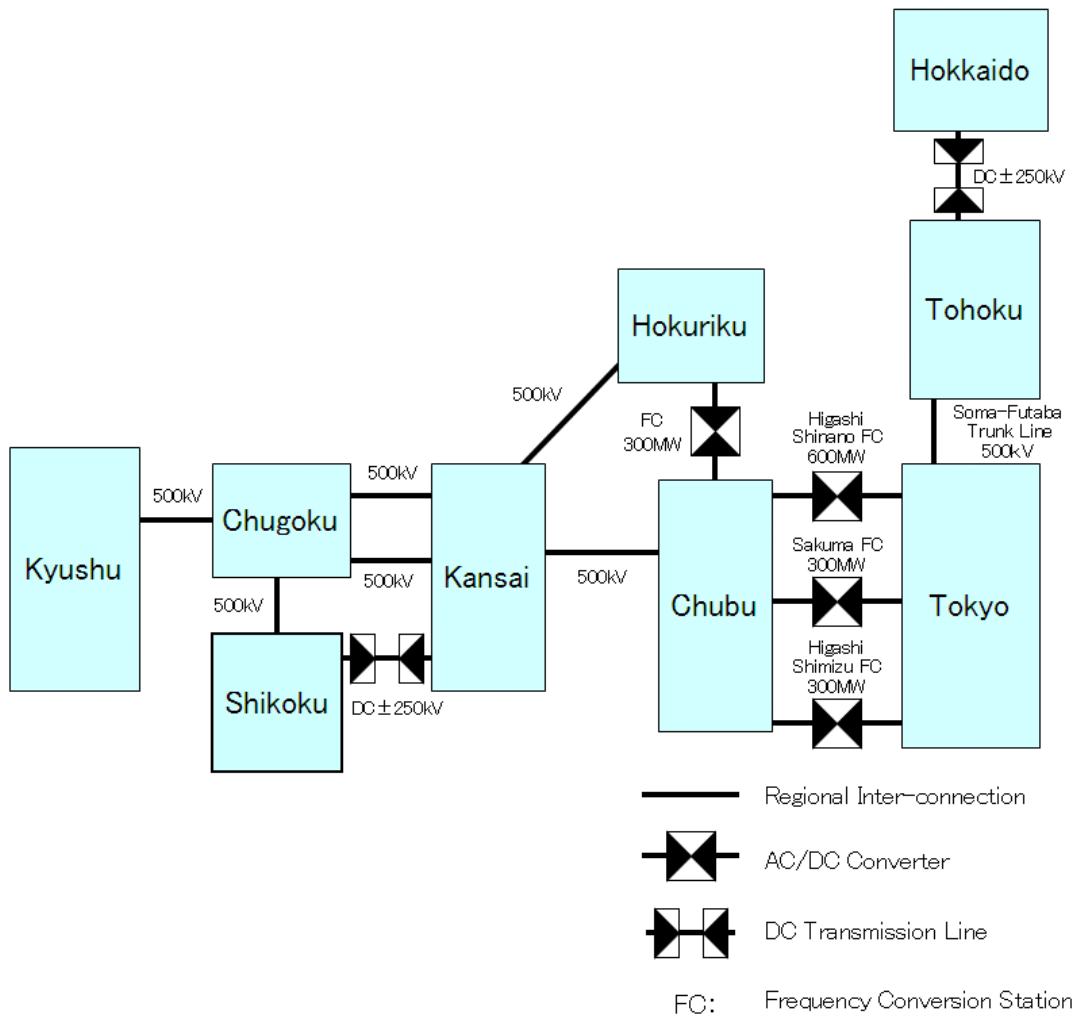
<Reference> Classification of Power Exchange

Nationwide exchange (among 9 EP Co.)	{	· Power exchange for resource shortage	Power to be exchanged to make up for shortages by the request of receiving company.
		· Power exchange for mutual benefit or Oversupply	Power to be exchanged to achieve reasonable operations of electric power facilities and equipments by taking advantage of differences between power sending and receiving companies in terms of demand time period, supply capacity composition, or power to be exchanged to make effective use of surplus power of a sending company.
Bilateral exchange	{	· Power exchange for system operation	Power to be exchanged to make effective use of electric power facilities near the neighboring company's service area (to be supplied in the same quantity at the same time in principle).
		· Power exchange for maintenance work and testing	Power to be exchanged for maintenance works and testings of network facilities.
		· Specified power exchange	Power to be exchanged for specific power generating facilities or for customers in specific area, and power to be exchanged according to long-term schedule for wide-area coordination.

c. History of Wide Area Coordination System Operation at TEPCO

<p>Mid-1950's to mid-1960's: Era of energy shortages</p>	<p>Development of large-scale general hydroelectric power in border areas through Electric Power Development Co., Ltd. Sakuma River system hydropower development (inc. Sakuma Hydro Power, 350MW). ..... Power received by TEPCO and Chubu Electric Power Tadami River system hydropower development (inc. Tagokura Dam, 380MW, and Okutadami Dam, 360MW) ..... Power received by TEPCO and Tohoku Electric Power</p>
<p>Second half of 1960's</p>	<p>Cooperation on coal policy and effective use of coal resources Electric Power Development Company Isogo Units 1, 2 (265MW x 2, ceased commercial operations in November 2001). Joban Joint Power Nakoso Units 6, 7 (175MW, 250MW) ..... Power received by TEPCO and Tohoku Electric Power Start of first commercial nuclear power generation in Japan Japan Atomic Power Company Tokai (gas cooled reactor: 166MW; ceased commercial operations at the end of FY1997) ..... All power received by TEPCO Linking regions with different frequencies allows the companies that are linked to reduce power generation equipment and make their overall operations more practical and economical Electric Power Development Company Sakuma Frequency Converter Station (300MW)</p>
<p>First half of 1970's (first new expansion of super-regional management)</p>	<p>Pursuing effective use of power sites and economies of scale Electric Power Development Company Shintoyone Pumped Storage Power Station (hydropower) (1,125MW) ..... Power received by TEPCO and Chubu Electric Power Tohoku Electric Power Shinsendai Unit 2 (600MW) ..... Part of power generated received by TEPCO</p>
<p>Second half of 1970's (second new expansion of super-regional management)</p>	<p>Pursuing diversification of power sources by developing alternatives to oil Joban Joint Power Nakoso Units 8, 9 (600MW x 2) ..... Power received by TEPCO and Tohoku Electric Power TEPCO Kashiwazaki-Kariwa Unit 1 (1,100MW) ..... Part of power generated sent to Tohoku Electric Power TEPCO Fukushima Daini Units 3, 4 (1,100MW x 2) ..... Part of power generated sent to Tohoku Electric Power Development of high-volume nuclear power (promotion of new technologies) Japan Atomic Power Company Tokai Daini (1,100MW) ..... Power received by TEPCO and Tohoku Electric Power Linking regions with different frequencies allows the companies that are linked to reduce power generation equipment and make their overall operations more practical and economical TEPCO Shin-Shinano Frequency Converter Station (300MW) Efforts being made to step up electric power flexibility by treating the entire nation as one power system, thereby providing power companies with benefits such as the ability to reduce power generation equipment, making their overall operations more practical and economical Electric Power Development Company Hokkaido/Honshu Connection Line (300MW)</p>
<p>Second half of 1980's to present (third new expansion of super-regional management)</p>	<p>Securing power supply through development in border areas Electric Power Development Company Shimogo Pumped Storage Power Station (hydropower) (1,000MW) Electric Power Development Company Tadami General Hydroelectric Power Station (352MW) ..... Power received by TEPCO and Tohoku Electric Power Tohoku Electric Power Company Haramachi Unit1(1,000MW) and Unit2(1,000MW) ..... part of generated power is received by TEPCO Promoting oil alternatives and regional advancement Soma Kyodo Power Company Shinchi Units 1 (1,000MW) and 2 (1,000MW) Electric Power Development Company Isogo New Unit 1 (600MW) and 2 (600MW) Further strengthening of inter-regional and inter-company collaborations Expansion of TEPCO Shin-Shinano Frequency Converter Station (300 MW; total capacity upon expansion 600 MW) Electric Power Development Company Hokkaido/Honshu Connection Line expansion (300MW; total capacity upon expansion 600MW). New installation of TEPCO/Tohoku Electric Power's Soma Futaba Trunk Line Expansion (Tokyo/Tohoku 500 kV connection) New installation of Chubu Electric Power's Higashi Shimizu Frequency Conversion Station (part of 300 MW operation began) Wide area development of nuclear power plant Tohoku Electric Power's Onagawa Power Plant Unit3 (825MW) and Higashidori Power Plant Unit 1 (1,100 MW) ..... part of generated power is received by TEPCO</p>

d. Current Situation of Interconnection for Wide-Area Operation



## (8) Summary of Bid System for Wholesale Supply of Electric Power

## a. Screening Results

	Invitation for Bids	Bids	Successful Bids
<b>FY1996</b>	1,000MW	3,860MW (31 bids)	1,100MW (8 companies)
<b>FY1997</b>	1,000MW	5,860MW (30 bids)	1,080MW (4 companies)
<b>FY1999</b>	1,000MW	2,510MW (11 bids)	1,000MW (5 companies)

## b. List of Successful Bidders

## ① Successful Bidders for FY1996 (Chronological order)

Supplier Name	Location	Maximum Contracted Capacity	Supply Commencement Year	Power Supply Type	Main Fuel
<b>Ebara Corporation</b>	Fujisawa, Kanagawa Prefecture	64.0MW	1999	Middle	City gas
<b>Showa Denko, K. K.</b>	Kawasaki, Kanagawa Prefecture	124.2MW	1999	Base	Residual oil
<b>Tomen Power Samukawa Corporation</b>	Koza-gun, Kanagawa Prefecture	65.5MW	1999	Middle	Kerosene
<b>Hitachi Zosen Corporation</b>	Hitachioomiya, Ibaraki Prefecture	102.7MW	1999	Middle	Heavy oil
<b>JX Nippon Oil &amp; Energy Corporation</b>	Yokohama, Kanagawa Prefecture	48.5MW	2000	Middle	Light cycle oil
<b>Hitachi, Ltd.</b>	Hitachi, Ibaraki Prefecture	102.8MW	2000	Middle	Heavy oil
<b>Polyplastics Co., Ltd.</b>	Fuji, Shizuoka Prefecture	47.0MW	2000	Middle	Heavy oil
<b>General Sekiyu K. K. *</b>	Kawasaki, Kanagawa Prefecture	547.5MW	2001	Base	Residual oil

(Total of maximum contracted capacity: 1,102.2 MW)

\* The project was cancelled due to General Sekiyu K.K.'s reasons.

## ② Successful Bidders for FY1997 (Chronological order)

Supplier Name	Location	Maximum Contracted Capacity	Supply Commencement Year	Power Supply Type	Main Fuel
<b>JFE Steel Corporation</b>	Chiba, Chiba Prefecture	381.8MW	2002	Middle	City gas
<b>Shinagawa Refractories Co., Ltd. *</b>	Zama, Kanagawa Prefecture	109.5MW	2002	Middle	City gas
<b>Genex Co., Ltd.</b>	Kawasaki, Kanagawa Prefecture	238.0MW	2003	Base	By-product gas
<b>JX Nippon Oil &amp; Energy Corporation</b>	Yokohama, Kanagawa Prefecture	342.0MW	2003	Base	Residual oil

(Total of maximum contracted capacity: 1,071.3 MW)

\* The project was cancelled due to Shinagawa Refractories Co., Ltd.'s reasons.

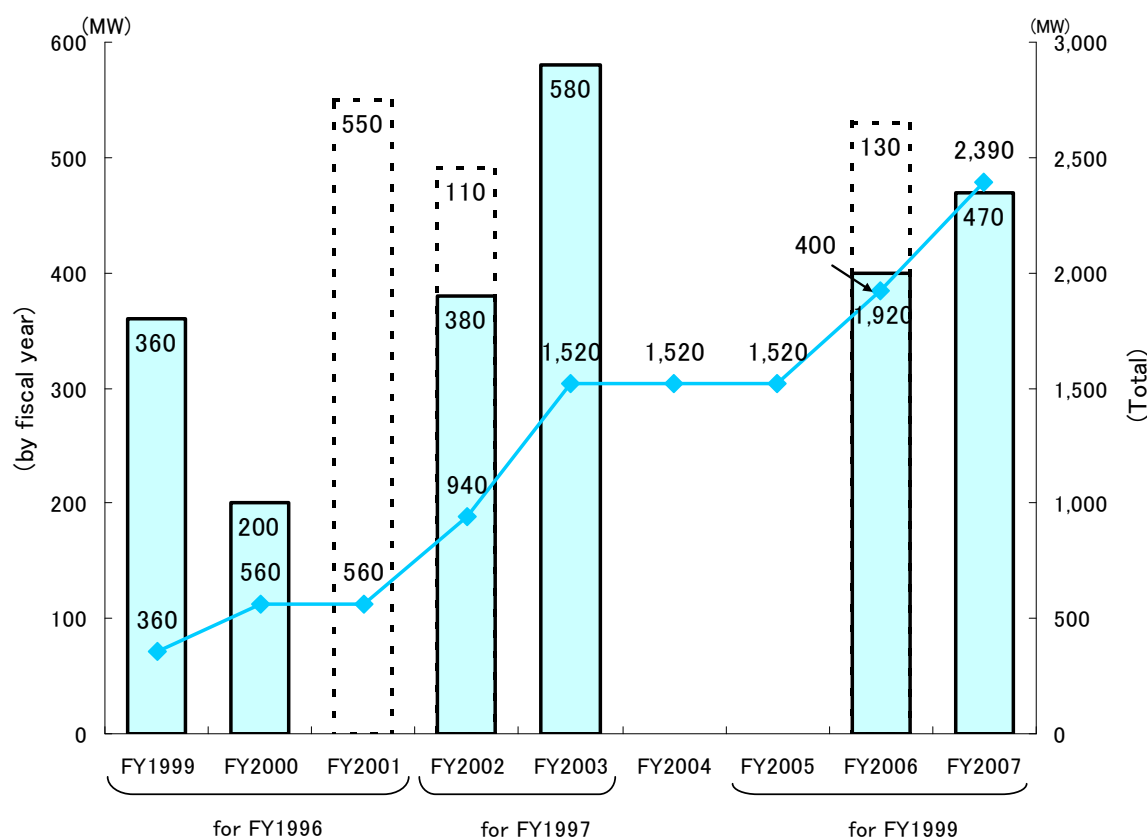
③ Successful Bidders for FY1999 (Chronological order)

Supplier Name	Location	Maximum Contracted Capacity	Supply Commencement Year	Power Supply Type	Main Fuel
Taiheiyō Cement Corp.*	Ofunato, Iwate Prefecture	134.0MW	2006	Middle	Coal
Tokyo Gas Yokosuka Power Co., Ltd.	Yokosuka, Kanagawa Prefecture	200.2MW	2006	Middle	City gas
Hitachi, Ltd.	Hitachi, Ibaraki Prefecture	86.1MW	2006	Middle	Heavy oil Bunker A
Hitachi Zosen Corp.	Hitachioomiya, Ibaraki Prefecture	109.0MW	2006	Middle	LNG
Sumitomo Metal Industries, Ltd.	Kashima, Ibaraki Prefecture	475.0MW	2007	Base	Coal

(Total of maximum contracted capacity: 1,004.3 MW)

\* The project was cancelled due to Taiheiyō Cement Corp.'s reasons.

c. IPP Power Supply Procurement (procurement amount: total and by fiscal year)



Note: The 550 MW project in FY2001, the 110 MW project in FY2002 and 130 MW project in FY2006 were canceled due to IPP reasons.

<Reference> Power Generation Cost per Power Source

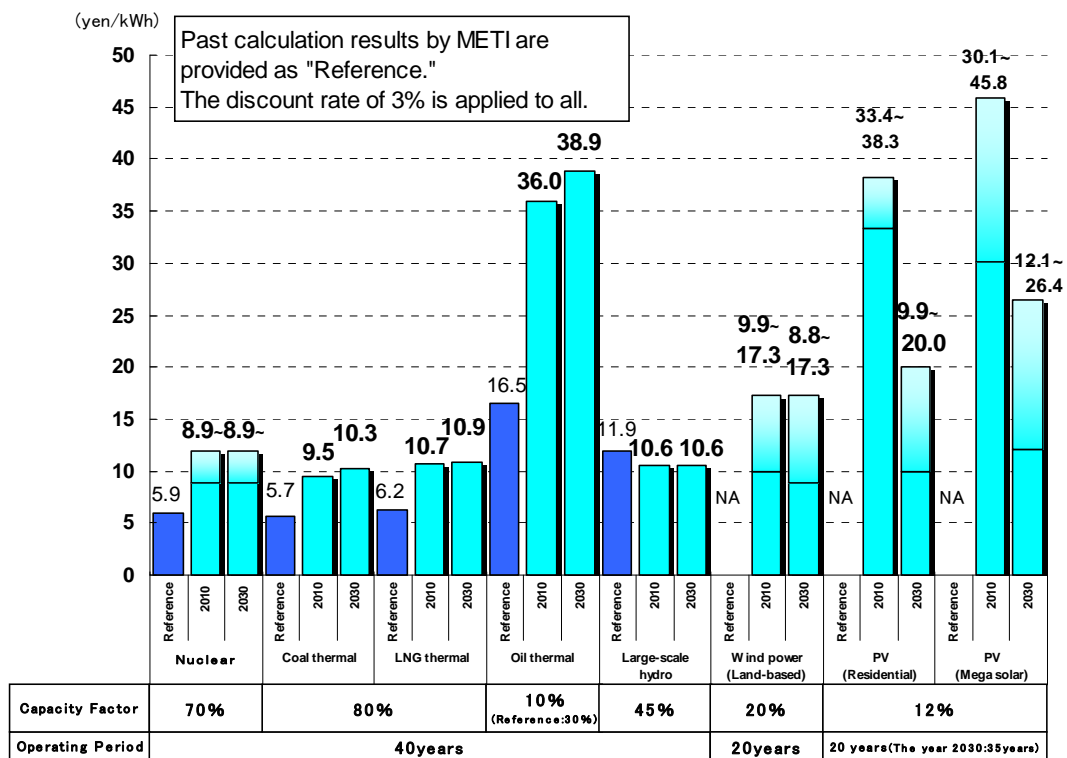
In December 2011, the "Cost Verification Committee" affiliated with the Energy and Environment Council announced the results of calculating power generation costs per power source.

The provisional calculations were implemented with a "model plant method\*." Renewable energy sources, such as wind and photovoltaic (PV) power, are covered along with nuclear power, thermal power and hydropower. The social costs (e.g. accident-related costs, CO2 abatement costs, policy expenses) were newly included.

Power generation will continuously be verified based on updated information.

\* A model plant is assumed for each power source by referring to data obtained from existing modernized plants. The power generation cost per kWh is calculated by assuming construction costs, operations and maintenance costs, and the discount rate, etc.

[Results of Calculating Power Generation Cost per Power Source (December 2011)]



- Notes:
1. The calculation results are provisional and are subject to change based on new information. (As for nuclear power, power generation costs have been modified to "9.0-(yen/kWh)" according to government documentation issued on July 2012.)
  2. For nuclear power, policy expenses (e.g. R&D costs, construction promotion grants etc.) are added to the power generation costs. The settlement of Fukushima Daiichi Accident Costs, which are a key element of the accident-related costs described above, is still pending.
  3. There is a wide range of calculation results for wind and photovoltaic (PV) due to factors such as the following: establishing construction costs varies from the uppermost to the lowermost limits, technological innovations and the setting up of multiple scenarios with regards to volume efficiency. Costs for securing the grid stabilization in preparation for a rapid and huge introduction of renewable energy sources (e.g. installation of batteries) and policy expenses for dissemination of those sources are not included.

Source: "Cost Verification Committee Report (December 2011)," National Policy Unit.

## 2. Transmission and Distribution Facilities

### (1) Transmission / Underground Transmission

#### a. Transmission Facilities by Voltage

(As of the end of March 2013)

Voltage (kV)	Overhead			Underground	
	Route Length (km)	Circuit Length (km)	Number of Supports (units)	Route Length (km)	Circuit Length (km)
500	2,343	4,299	5,031	40	79
275	1,235	2,484	3,498	423	1,146
154	2,949	6,018	10,223	307	755
66	7,703	14,976	24,974	3,537	6,648
Below 55	521	568	7,474	2,080	3,582
<b>Total</b>	<b>14,751</b>	<b>28,345</b>	<b>51,200</b>	<b>6,387</b>	<b>12,210</b>

- Notes:
- Route length refers to the total length between two points on a line. Circuit length refers to the sum of the route length of each circuit on a line.
  - Due to the Accounting Rules for Electricity Business amendment (effective from March 29, 2000), distribution facilities with voltage over 20 kV have been included in transmission facilities since FY1999.

#### b. Underground Transmission Line Installation Rate

(TEPCO: As of the end of March 2013, 10EP: As of the end of March 2012)

At the End of FY	TEPCO			In Tokyo's 23 wards			Total of 10 EP Co.		
	Overhead Lines (km)	Underground Lines (km)	Underground Installation Rate (%)	Overhead Lines (km)	Underground Lines (km)	Underground Installation Rate (%)	Overhead Lines (km)	Underground Lines (km)	Underground Installation Rate (%)
1965	15,379	2,830	15.5	2,301	2,195	48.8	69,042	5,090	6.9
1970	18,393	3,764	17.0	2,331	2,704	53.7	90,553	6,943	7.1
1975	20,636	4,833	19.0	785	3,296	80.8	104,410	8,032	7.1
1980	22,964	5,967	20.6	741	3,783	83.6	115,483	10,143	8.1
1985	24,841	6,548	20.9	695	4,018	85.3	125,154	11,513	8.4
1990	26,126	7,548	22.4	644	4,335	87.1	131,192	13,639	9.4
1995	27,706	8,820	24.1	616	4,949	88.9	138,404	16,304	10.5
2000	28,847	10,933	27.5	619	6,373	91.0	145,020	19,645	11.9
2003	28,693	11,120	27.9	606	6,477	91.4	146,135	20,143	12.1
2004	28,661	11,178	28.1	603	6,506	91.5	145,620	20,317	12.2
2005	28,643	11,237	28.2	602	6,567	91.6	145,795	20,551	12.4
2006	28,615	11,325	28.4	585	6,651	91.9	145,948	20,729	12.4
2007	28,563	11,510	28.7	588	6,764	92.0	146,244	21,018	12.4
2008	28,541	11,652	29.0	573	6,769	92.2	146,213	21,345	12.7
2009	28,543	11,767	29.2	578	6,814	92.2	157,445	25,655	14.0
2010	28,556	11,925	29.5	572	6,901	92.3	157,341	25,942	14.2
2011	28,492	12,067	29.8	572	6,975	92.4	158,403	26,191	14.2
2012	28,345	12,210	30.1	572	7,036	92.5			

- Notes:
- Underground installation rate (%) =  $\frac{\text{Total circuit length of underground lines}}{\text{Total circuit length of overhead lines} + \text{Total circuit length of underground lines}} \times 100$  (%)
  - Due to the Accounting Rules for Electricity Business amendment (effective from March 29, 2000), distribution facilities with voltage over 20 kV have been included in transmission facilities since FY1999.
  - Figures are given for a total of 9 power companies (except Okinawa Electric Power Company) before FY1985.

<Reference> 1MV Designed Power Transmission Lines (UHV: Ultra High Voltage lines)

	Nishi-Gunma Trunk Line	Minami-Niigata Trunk Line
<b>Section</b>	Nishi-Gunma Switching Station – Higashi-Yamanashi Substation	Kashiwazaki-Kariwa Nuclear Power Station – Nishi-Gunma Switching Station
<b>Length</b>	137.7km	110.8km<61.2km>
<b>Voltage and Number of Circuits</b>	1MV design 2 circuits	1MV design 2 circuits <a portion is 500kV>
<b>Power Lines</b>	ACSR 610mm <sup>2</sup> , 810mm <sup>2</sup> × 8 conductors	ACSR 610mm <sup>2</sup> , 810mm <sup>2</sup> × 8 conductors <810mm <sup>2</sup> × 4 conductors>
<b>Pylons</b>	Number: 217 Height: 111m average	Number: 201 <114> Height: 97m <89m> average
<b>Start of Construction</b>	September 1988	March 1989
<b>Start of Operations</b>	April 1992	October 1993

Note: Contents in brackets apply to sections designed for 500kV

	Higashi-Gunma Trunk Line	Minami-Iwaki Trunk Line
<b>Section</b>	Nishi-Gunma Switching Station – Higashi-Gunma Substation	Minami-Iwaki Switching Station – Higashi-Gunma Substation
<b>Length</b>	44.4km	195.4km
<b>Voltage and Number of Circuits</b>	1MV design 2 circuits	1MV design 2 circuits
<b>Power Lines</b>	ACSR 610mm <sup>2</sup> , 810mm <sup>2</sup> × 8 conductors Low-noise ACSR 960mm <sup>2</sup> × 8 conductors	ACSR 610mm <sup>2</sup> , 810mm <sup>2</sup> × 8 conductors Low-noise ACSR 940mm <sup>2</sup> , 960mm <sup>2</sup> × 8 conductors
<b>Pylons</b>	Number: 70 Height: 115m average	Number: 335 Height: 119m average
<b>Start of Construction</b>	September 1992	November 1995
<b>Start of Operations</b>	Line 2: April 1999 Line 1: June 1999	Line 2: July 1999 Line 1: October 1999



## (2) Substation Facilities

(As of the end of FY2012)

At the End of FY		1951	1955	1965	1975	1985	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total of 10 EP Co. 2012	
Number of Locations		398	371	539	877	1,178	1,433 (476)	1,542 (505)	1,565 (511)	1,572 (514)	1,573 (514)	1,577 (522)	1,583 (524)	1,587 (526)	1,588 (525)	1,591 (527)	1,592 (527)	1,588 (521)	1,582 (516)	6,997	
Output (million kVA)		4.86	6.33	25.11	79.77	154.58	* 300 223.98 (54.38)	* 600 250.95 (61.82)	* 600 257.35 (61.98)	* 600 256.57 (62.02)	* 600 256.96 (62.20)	* 600 259.35 (62.42)	* 600 263.28 (63.33)	* 600 265.14 (63.24)	* 600 264.79 (62.89)	* 600 265.76 (63.03)	* 600 267.24 (63.15)	* 600 266.08 (63.30)	* 600 267.99 (63.31)	* 4,000 813.78	
Inclusive of Those Facilities for 275KV	Number of Locations	-	-	7	26	48	62 ( 18)	70 ( 20)	71 ( 20)	71 ( 20)	71 ( 20)	71 ( 20)	73 ( 20)	74 ( 20)	74 ( 20)	74 ( 20)	74 ( 20)	74 ( 20)	74 ( 20)	74 ( 20)	333
	Output (million kVA)	-	-	0.47	33.54	83.27	* 300 124.17 (20.60)	* 600 141.99 (24.58)	* 600 147.31 (24.58)	* 600 146.28 (24.58)	* 600 146.43 (24.73)	* 600 148.66 (24.88)	* 600 151.49 (25.63)	* 600 153.44 (25.63)	* 600 153.44 (25.63)	* 600 153.44 (25.63)	* 600 154.24 (25.63)	* 600 152.97 (25.63)	* 600 154.67 (25.69)	* 4,000 443.25	

- Notes: 1. Figures marked with asterisks (\*) are those for frequency conversion equipment as expressed in MW units.  
(Figures in total of 10 electric power companies include connection and conversion facilities.)
2. Figures in parentheses are for facilities in Tokyo.
3. "Inclusive of those facilities for 275 kV" figures for the 10 electric power companies are calculated on the basis of 187 kV.
4. Figures for the 10 electric power companies are those for FY2011.

(3) Distribution Facilities

a. Number of Supports and Transformers for Distribution Facilities

(Unit: pieces)

	Pylons	Concrete Poles	Steel Poles	Wooden Poles	Total	Transformers
TEPCO	63	5,749,752	88,532	13,791	5,852,138	2,429,283 (2,157,379)
10 EP Co.	1,147	20,613,526	608,294	155,962	21,378,929	10,273,466 (9,938,234)

(TEPCO: As of the end of FY2012, 10EP: As of the end of FY2011)

Note: Figures in parentheses are pole-mounted transformers.

b. Underground Distribution Line Installation Rate

(Source: "Statistics of Electric Power Industry")

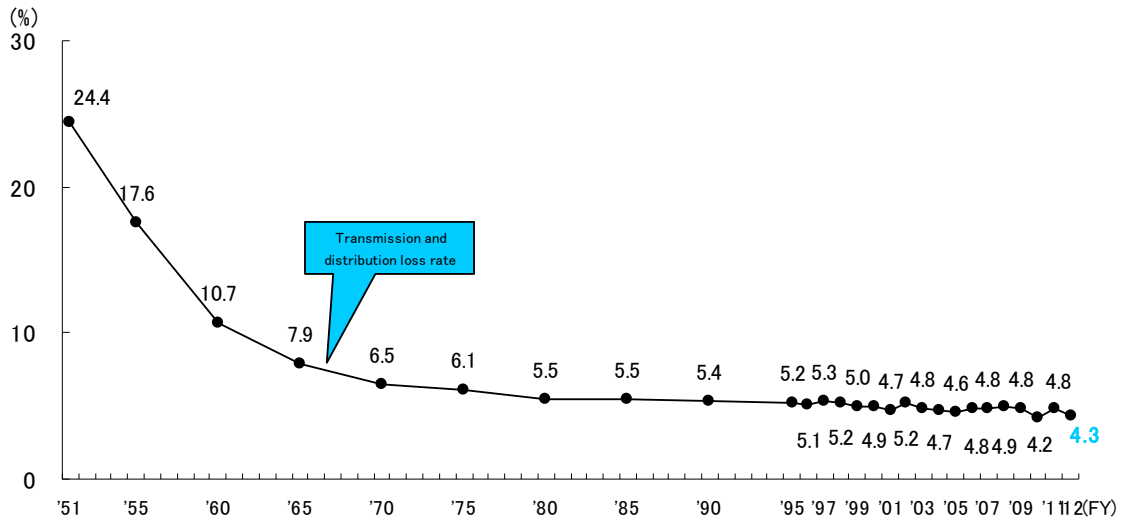
At the End of FY	TEPCO			In Tokyo's 23 Wards			Central Tokyo (Chuo-Chiyoda and part of Minato-ward)			Total of 10 EP Co.		
	*1	*2	*3	*1	*2	*3	*1	*2	*3	*1	*2	*3
1965	128,253	3,941	3.0	14,676	2,952	16.7	—	—	—	592,862	5,793	1.0
1970	165,009	6,141	3.6	17,208	3,899	18.5	—	—	—	725,459	9,416	1.3
1975	198,734	7,934	3.8	18,453	4,701	20.3	—	—	—	832,127	14,358	1.7
1980	231,393	10,701	4.4	18,561	6,015	24.5	549	1,961	78.1	919,340	19,841	2.1
1985	253,444	13,237	5.0	18,915	7,160	27.5	573	2,109	78.6	987,182	25,208	2.5
1990	278,794	19,902	6.7	19,025	10,368	35.3	847	3,249	79.3	1,071,994	38,374	3.5
1995	298,436	25,850	8.0	19,170	13,013	40.4	763	3,865	83.5	1,144,958	50,764	4.2
1998	308,563	28,600	8.5	19,221	13,943	42.0	724	3,996	84.7	1,183,776	57,376	4.6
1999	311,419	29,492	8.7	19,226	14,216	42.5	717	4,034	84.9	1,194,784	59,359	4.7
2000	314,077	30,294	8.8	19,210	14,487	43.0	706	4,068	85.2	1,204,118	61,077	4.8
2001	316,385	31,070	8.9	19,197	14,680	43.3	699	4,102	85.4	1,212,142	62,522	4.9
2002	318,322	31,609	9.0	19,190	14,687	43.4	694	4,085	85.5	1,282,821	63,949	5.0
2003	320,145	32,299	9.2	19,188	14,961	43.8	686	4,058	85.5	1,225,077	65,423	5.1
2004	321,935	32,830	9.3	19,187	15,113	44.1	680	4,110	85.8	1,231,180	66,704	5.1
2005	324,062	33,418	9.3	19,174	15,305	44.4	664	4,166	86.3	1,247,655	68,088	5.2
2006	326,123	34,028	9.4	19,167	15,498	44.7	658	4,207	86.5	1,254,011	69,338	5.2
2007	327,928	34,567	9.5	19,160	15,703	45.0	654	4,254	86.7	1,260,137	70,627	5.3
2008	329,581	35,061	9.6	19,142	15,840	45.3	651	4,260	86.7	1,265,471	71,943	5.4
2009	330,917	35,487	9.7	19,128	16,004	45.6	643	4,278	86.9	1,270,352	73,104	5.4
2010	332,120	35,887	9.8	19,097	16,147	45.8	637	4,302	87.1	1,267,640	74,118	5.5
2011	333,162	36,315	9.8	19,059	16,263	46.0	630	4,322	87.3	1,268,126	75,941	5.6
2012	334,071	36,697	9.9	19,031	16,387	46.3	620	4,345	87.5			

\*1 = Overhead lines (km) \*2 = Underground lines (km) \*3 = Underground installation rate (%)

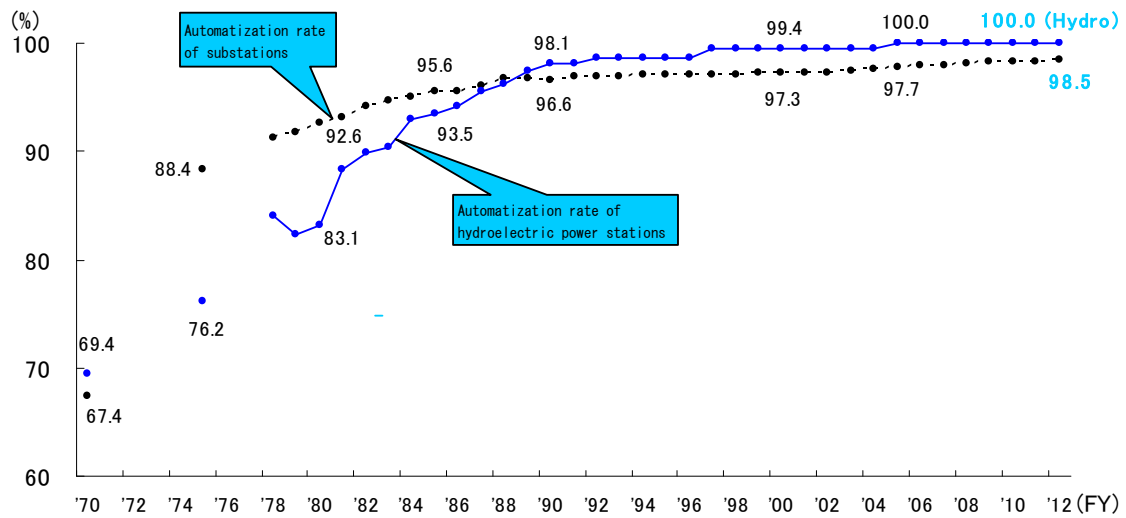
(TEPCO: As of the end of FY2012, 10EP: As of the end of FY2011)

- Notes:
- Underground installation rate =  $\frac{\text{Total circuit length of underground lines}}{\text{Total route length of overhead lines} + \text{Total circuit length of underground lines}} \times 100 (\%)$
  - Data for central Tokyo for FY1989 and thereafter are based on those for the entire wards of Chuo, Chiyoda and Minato.
  - In the case of TEPCO, the total length of underground cables for FY1990 and thereafter includes that of transmission cables belonging to the Distribution Dept.
  - Figures are given for a total of 9 power companies (except Okinawa Electric Power Company) before FY1985.

<Reference> Transmission and Distribution Loss Rate

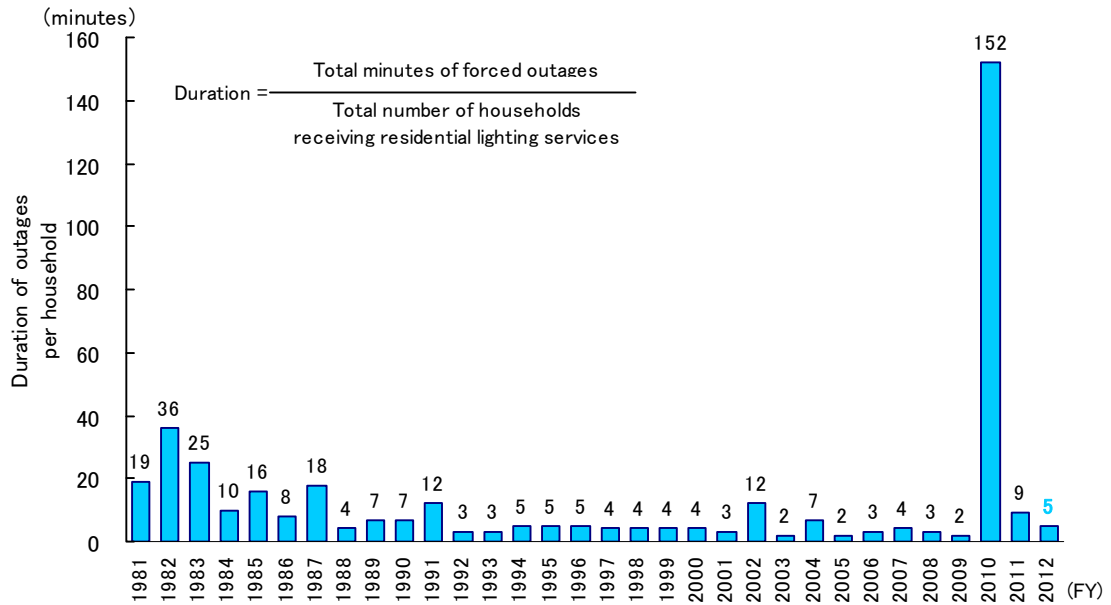
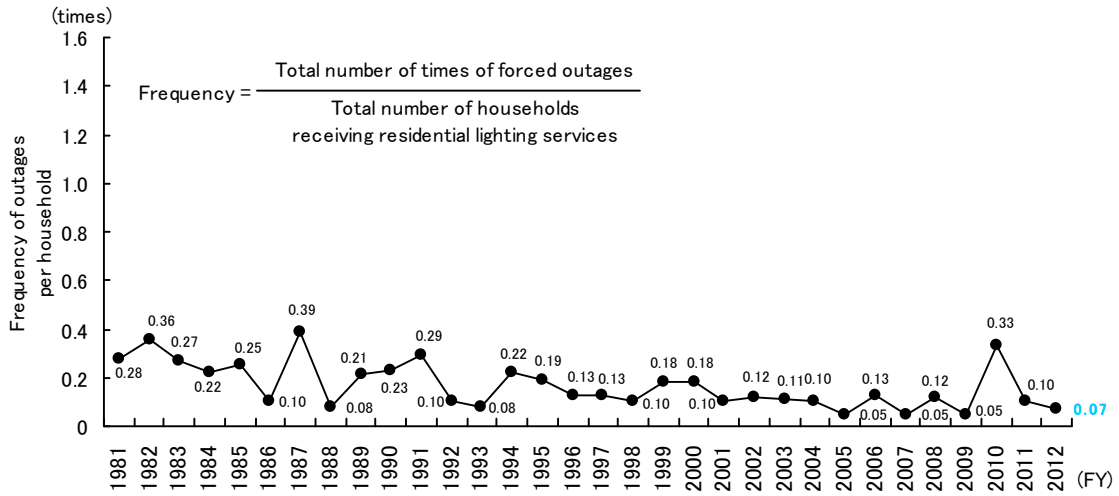


<Reference> Changes in Automatization Rate of Hydroelectric Power Stations and Substations



Note:  $\text{Automatization rate} = (\text{Number of automatized power stations and substations} / \text{Total number of power stations and substations}) \times 100 (\%)$

### 3. Forced Outages



Notes: Forced outages caused by disasters and planned construction are excluded.

## V. Fuels

### 1. Fuel Consumption (Thermal power)

FY	1970	1975	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	Total of 10 EP Co. 2012
	<b>Coal</b> [million tons]	2.109 ( 8)	-	-	0.339 ( 1)	0.381 ( 1)	0.362 ( 0)	0 ( 0)	3.417 ( 7)	3.176 ( 7)	3.463 ( 6)	3.099 ( 5)	3.537 ( 7)	3.017 ( 6)	3.222 ( 5)	2.887 ( 4)
<b>Heavy Oil</b> [million kℓ]	10.846 ( 72)	6.645 ( 36)	6.007 ( 30)	5.253 ( 23)	7.049 ( 24)	5.657 ( 19)	2.786 ( 10)	4.867 ( 15)	2.854 ( 9)	6.792 ( 17)	6.029 ( 16)	3.046 ( 9)	3.123 ( 9)	5.562 ( 13)	7.379 ( 16)	16.066 ( 12)
<b>Crude Oil</b> [million kℓ]	2.055 ( 13)	6.639 ( 33)	3.017 ( 14)	3.169 ( 14)	5.003 ( 16)	3.639 ( 12)	2.738 ( 9)	2.560 ( 8)	1.190 ( 4)	3.196 ( 8)	2.596 ( 7)	1.323 ( 4)	1.630 ( 5)	2.514 ( 6)	3.117 ( 6)	13.476 ( 10)
<b>Naphtha</b> [million kℓ]	-	1.046 ( 5)	649 ( 3)	5 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)
<b>NGL</b> [million kℓ]	-	0.333 ( 2)	1.461 ( 6)	0.058 ( 1)	0.102 ( 0)	0.155 ( 1)	0.037 ( 0)	0.033 ( 0)	0.019 ( 0)	0.020 ( 0)	0 ( 0)	0.039 ( 0)	0.013 ( 0)	0.003 ( 0)	0 ( 0)	0 ( 0)
<b>LNG · LPG</b> [million ton]	0.717 ( 7)	3.271 ( 24)	6.991 ( 47)	10.048 ( 60)	12.985 ( 58)	14.574 ( 66)	16.857 ( 79)	16.419 ( 66)	17.096 ( 75)	20.191 ( 66)	19.463 ( 68)	18.753 ( 76)	19.788 ( 76)	23.722 ( 73)	25.034 ( 71)	57.220 ( 55)
<b>Natural Gas</b> [billion Nm <sup>3</sup> ]	- ( 0)	- ( 0)	- ( 0)	0.301 ( 1)	0.231 ( 1)	0.205 ( 1)	0.209 ( 1)	0.155 ( 0)	0.145 ( 0)	0.018 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	- ( 0)	0.237 ( 0)
<b>City Gas</b> [billion Nm <sup>3</sup> ]	-	-	-	-	-	-	0.013 ( 0)	1.213 ( 4)	1.232 ( 5)	1.184 ( 3)	1.229 ( 4)	1.201 ( 4)	1.268 ( 4)	1.342 ( 3)	1.356 ( 3)	1.356 ( 0)
<b>Total</b> [million kℓ: heavy oil equivalent]	15.006	18.541	19.995	22.388	29.774	29.238	28.237	33.079	30.460	40.356	37.841	33.033	34.435	43.087	47.136	139.188

Note: Figures in parentheses represent the percentage composition. Based on unit calorific values for the fiscal years, data for each fuel are given in heavy oil equivalents.

Source: "An Overview of Power Supply and Demand," etc.

## 2. Crude Oil / Heavy Oil

### (1) Crude Oil Purchase and Consumption

#### a. TEPCO's Crude Oil Purchase and Consumption

(Unit: 1,000 kℓ)

FY	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Indonesia	1,917	2,518	1,801	1,788	1,081	1,846	1,642	901	1,355	1,480	1,800
Brunei	—	71	65	205	63	142	—	—	—	—	158
China	390	678	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	60	123	157	45	—	—	174
Australia	331	426	267	289	140	335	227	141	150	306	194
Sudan	55	50	68	305	118	744	569	157	70	566	367
Gabon	—	—	—	—	—	—	—	—	—	120	540
Chad	—	—	—	—	—	—	—	—	—	—	31
Other	—	—	—	—	96	108	139	79	38	64	64
<b>Total Purchase</b>	<b>2,693</b>	<b>3,743</b>	<b>2,201</b>	<b>2,587</b>	<b>1,558</b>	<b>3,298</b>	<b>2,734</b>	<b>1,323</b>	<b>1,613</b>	<b>2,536</b>	<b>3,328</b>
<b>Total Consumption</b>	<b>3,011</b>	<b>3,825</b>	<b>2,166</b>	<b>2,560</b>	<b>1,190</b>	<b>3,196</b>	<b>2,596</b>	<b>1,323</b>	<b>1,630</b>	<b>2,514</b>	<b>3,117</b>

#### b. Total Crude Oil Purchase and Consumption for 10 Electric Power Companies

(Unit: 1,000 kℓ)

FY	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Indonesia	3,667	3,373	4,030	4,945	3,534	—	—	—	—	—	—
Brunei	—	71	65	205	63	—	—	—	—	—	—
Vietnam	240	102	77	578	510	—	—	—	—	—	—
Australia	406	463	309	419	170	391	—	—	—	—	—
Gabon	50	—	—	95	23	175	—	—	—	—	—
China	1,123	1,442	82	60	—	—	—	—	—	—	—
Sudan	94	73	721	1,156	1,532	2,212	—	—	—	—	—
Russia	—	—	27	108	54	223	—	—	—	—	—
<b>Total Purchase</b>	<b>5,770</b>	<b>5,669</b>	<b>5,712</b>	<b>7,960</b>	<b>6,847</b>	<b>11,347</b>	<b>8,416</b>	<b>3,609</b>	<b>4,689</b>	<b>11,573</b>	<b>13,730</b>
<b>Total Consumption</b>	<b>6,577</b>	<b>5,809</b>	<b>6,050</b>	<b>7,800</b>	<b>6,120</b>	<b>11,301</b>	<b>7,979</b>	<b>3,643</b>	<b>4,759</b>	<b>11,569</b>	<b>13,476</b>

Note: The figures of oil purchase by country are not disclosed since FY2008.

Source: "Overview of Power Supply and Demand" etc.

(2) Heavy Oil Purchase and Consumption

a. TEPCO's Heavy Oil Purchase and Consumption

(Unit: 1,000 kℓ)

FY	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Purchase	3,928	5,787	4,059	4,962	2,931	6,718	5,975	3,055	3,002	5,774	7,454
Consumption	4,076	5,839	4,123	4,867	2,854	6,792	6,029	3,046	3,123	5,562	7,379

b. Total Heavy Oil Purchase and Consumption for 10 Electric Power Companies

(Unit: 1,000 kℓ)

FY	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Purchase	8,184	9,452	7,955	9,744	7,638	11,892	10,477	5,564	6,130	12,341	16,423
Consumption	8,449	9,559	8,313	9,715	7,351	11,931	10,279	5,583	6,299	11,824	16,066

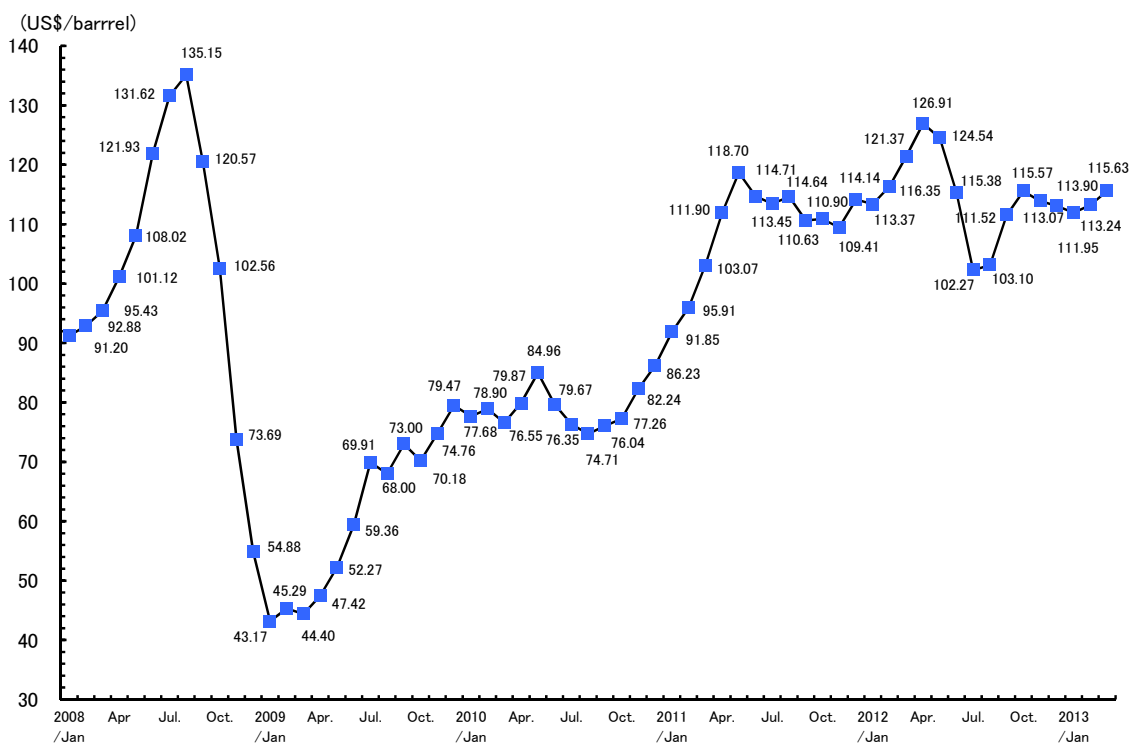
Source: "Overview of Power Supply and Demand" etc.

(3) Yearly Changes in Crude Oil CIF Pricing

FY	1976	1977	1978	1979	1980	1981	1982	1983	1984
CIF Price (US\$/barrel)	12.69	13.69	13.89	23.07	34.61	36.94	34.07	29.66	29.14
FY	1985	1986	1987	1988	1989	1990	1991	1992	1993
CIF Price (US\$/barrel)	27.29	13.81	18.15	14.79	17.86	23.34	18.89	19.29	16.73
FY	1994	1995	1996	1997	1998	1999	2000	2001	2002
CIF Price (US\$/barrel)	17.32	18.27	21.63	18.82	12.76	20.92	28.37	23.84	27.42
FY	2003	2004	2005	2006	2007	2008	2009	2010	2011
CIF Price (US\$/barrel)	29.43	38.77	55.81	63.50	78.73	90.52	69.41	84.16	114.18
FY	2012								
CIF Price (US\$/barrel)	113.89								

Note: CIF (Cost, Insurance and Freight) price refers to the import price including all expenses (such as freight, fares and insurance premiums) after shipment. It may well be the delivery price to Japanese ports.

<Reference> Monthly Changes in Crude Oil Pricing



Note: Final figures through December 2012, preliminary figures for January to March 2013.  
Source: "Trade Statistics Prices," Ministry of Finance.



### 3. LNG

#### (1) LNG Purchase and Consumption

##### a. TEPCO's LNG Purchase and Consumption

(Unit: 1,000 t)

FY	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Alaska	972	977	931	933	908	937	846	582	523	422	418	-	-
Brunei	3,939	4,033	4,042	4,302	4,318	4,113	4,180	4,440	4,074	4,122	4,122	4,015	3,744
Abu Dhabi	4,803	4,913	4,634	4,893	4,868	4,878	4,899	5,119	4,942	4,870	4,761	4,914	4,804
Malaysia	4,858	4,961	5,127	5,171	5,162	5,037	4,386	4,690	4,091	3,862	3,874	3,867	3,439
Indonesia	491	328	708	380	326	108	56	161	107	109	166	54	-
Australia	1,163	759	893	1,205	562	380	503	484	964	281	352	239	296
Qatar	240	180	240	237	180	58	58	120	118	238	292	178	902
Darwin	-	-	-	-	-	61	1,816	2,061	2,217	2,388	2,131	1,950	2,063
Qalhat	-	-	-	-	-	-	248	754	685	757	561	689	689
Sakhalin	-	-	-	-	-	-	-	-	-	1,807	2,069	2,119	2,898
Spot Contract	-	-	237	2,029	529	1,026	478	2,006	2,342	723	2,042	6,063	6,032
<b>Total Purchase</b>	<b>16,466</b>	<b>16,151</b>	<b>16,812</b>	<b>19,150</b>	<b>16,853</b>	<b>16,598</b>	<b>17,470</b>	<b>20,417</b>	<b>20,063</b>	<b>19,579</b>	<b>20,788</b>	<b>24,088</b>	<b>24,867</b>
<b>Total Consumption</b>	<b>16,598</b>	<b>15,929</b>	<b>16,959</b>	<b>19,118</b>	<b>16,652</b>	<b>16,044</b>	<b>16,804</b>	<b>19,870</b>	<b>18,972</b>	<b>18,507</b>	<b>19,462</b>	<b>22,884</b>	<b>23,707</b>

- Note: 1. Total consumption amount of FY2011 and FY2012 includes gas turbine generation and internal combustion generation.  
 2. Japan's total LNG purchase amount to approx. 86.87 million tons (in FY2012). The world's total amount of LNG traded comes to nearly 236.31 million tons (in 2012).

Source: Trade statistics of Japan, GIIGNL

##### b. Total LNG Purchase and Consumption for Electric Power Suppliers

(Unit: 1,000 t)

FY	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
U.S.A.	972	977	931	933	908	937	846	582	-	-	-	-	-
Brunei	3,939	4,033	4,042	4,302	4,318	4,113	4,180	4,440	-	-	-	-	-
Abu Dhabi	4,803	4,913	4,634	5,255	5,047	5,432	5,383	5,506	-	-	-	-	-
Indonesia	12,317	11,044	11,772	10,923	9,423	7,749	7,999	7,617	-	-	-	-	-
Malaysia	5,959	6,341	5,814	6,544	6,537	6,481	6,051	6,323	-	-	-	-	-
Australia	5,383	5,320	4,910	4,857	4,827	5,345	6,812	6,190	-	-	-	-	-
Qatar	5,398	5,544	5,789	5,644	5,660	5,319	6,044	5,956	-	-	-	-	-
Oman	-	123	184	794	488	391	1,461	2,082	-	-	-	-	-
Trinidad and Tobago	-	-	-	56	55	56	54	219	-	-	-	-	-
Nigeria	-	-	-	-	58	-	165	717	-	-	-	-	-
Algeria	-	-	-	-	-	-	184	305	-	-	-	-	-
<b>Total Purchase</b>	<b>38,771</b>	<b>38,295</b>	<b>38,076</b>	<b>39,308</b>	<b>37,321</b>	<b>35,823</b>	<b>39,179</b>	<b>40,593</b>	<b>42,880</b>	<b>42,222</b>	<b>43,935</b>	<b>55,422</b>	<b>58,232</b>
<b>Total Consumption</b>	<b>38,662</b>	<b>38,174</b>	<b>37,917</b>	<b>39,062</b>	<b>37,169</b>	<b>34,640</b>	<b>38,165</b>	<b>42,075</b>	<b>41,006</b>	<b>40,641</b>	<b>41,743</b>	<b>52,869</b>	<b>55,710</b>

- Notes: 1. LNG purchase and consumption results by country for 10 general electric power suppliers and Tobata Co-operative Thermal Power Company, Inc. until FY2009. Only those that can be identified by country are listed.  
 2. The figures of LNG purchase by country are not disclosed since FY2008.

Source: "Overview of Power Supply and Demand" etc.

(2) TEPCO's LNG Contract Summary (long-term contracts only)

(As of the end of June 2013)

	Brunei	Das (U.A.E.)	Satu (Malaysia)	Australia	Qatar	Darwin (Australia)	Qalhat (Oman)	Sakhalin II (Russia)	Papua New Guinea	Wheatstone (Australia)	Ichthys (Australia)	Cameron * (U.S.)
<b>Sellers</b>	○Brunei LNG	○Abu Dhabi Gas Liquefaction (ADGAS)	○Malaysia LNG	○BHP Billiton Petroleum (NWS) ○BP Developments (Australia) ○Chevron Australia ○Japan-Australia LNG(MIMI) ○Shell Development (Australia) ○Woodside Energy	○Qatar Liquefied Gas Company Limited	○Darwin LNG	○OCEL INC.	○Sakhalin Energy Investment	○Papua New Guinea Liquefied Natural Gas Global Company LDC	①○Chevron Australia Pty Ltd ○Chevron (TAPL) Pty Ltd ○Apache Julimar Pty Ltd ○Kufpec Australia (Julimar) Pty Ltd ②○PE Wheatstone Pty Ltd ③○Chevron Australia Pty Ltd ○Chevron (TAPL) Pty Ltd	○Ichthys LNG Pty Ltd	①Mitsui & Co., Ltd. ②Mitsubishi Corporation
<b>Contract Quantity (for plateau year)</b>	2.03 million tons	LNG: 4.30 million tons LPG: 0.70 million tons	Max: 4.80 million tons Ex-ship: 3.60 million tons FOB: 1.20 million tons (including short-term: 0.70million tons)	0.30 million tons	①0.20 million tons ②1.00 million tons	2.00 million tons	Max 0.80 million tons (joint purchase with Mitsubishi Corporation)	1.50 million tons (basic figures)	Approx. 1.80 million tons	①Approx. 3.10 million tons ②Approx. 0.70 million tons ③Approx. 0.40 million tons	1.05 million tons	①Approx. 0.4 million tons + optional amount (Under discussion) ②Approx. 0.4 million tons + optional amount (Under discussion)
<b>Project Contract Period (from acceptance of the first shipment to expiration)</b>	10 years (2013.4~2023.3)	17 years + 25 years (May 1977 - Mar. 2019)	20 years + 15 years (Feb. 1983- Mar. 2018)	8 years (Apr. 2009- Mar. 2017)	①25 years (Jun. 1999- Dec. 2021) ②10 years (Aug. 2012- Dec. 2021)	17 years (Mar. 2006- Dec. 2022)	15 years (Apr. 2006- Dec. 2020)	22 years (Apr. 2009- Mar. 2029) (beginning of supply : at the end of March 2009)	20 years Beginning of supply (Planned) (late 2013 - 2014)	Max 20 years Beginning of supply (Planned) (2017)	15 years (2017 - 2031)	①20 years Beginning of supply (Planned) (2017) ②20 years Beginning of supply (Planned) (2017)
<b>Receiving Terminals (TEPCO)</b>	Minami-Yokohama, Higashi-Ohgishima, Sodegaura, Futtsu	LNG: Higashi-Ohgishima, Futtsu LPG: Anegasaki	Minami-Yokohama, Higashi-Ohgishima, Sodegaura, Futtsu	Higashi-Ohgishima, Sodegaura, Futtsu	Higashi-Ohgishima, Sodegaura, Futtsu	Higashi-Ohgishima, Sodegaura, Futtsu	Higashi-Ohgishima, Futtsu	Higashi-Ohgishima, Sodegaura, Futtsu				
<b>Power Stations</b>	(Minami-Yokohama, Higashi-Ohgishima, Yokohama, Kawasaki, Sodegaura, Anegasaki, Goi, Futtsu, Chiba)	(Higashi-Ohgishima, Yokohama, Kawasaki, Anegasaki, Goi, Futtsu, Chiba)	(Minami-Yokohama, Higashi-Ohgishima, Yokohama, Kawasaki, Sodegaura, Anegasaki, Goi, Futtsu, Chiba)	(Higashi-Ohgishima, Yokohama, Kawasaki, Sodegaura, Goi, Futtsu, Chiba)	(Higashi-Ohgishima, Yokohama, Kawasaki, Anegasaki, Goi, Futtsu, Chiba)	(Higashi-Ohgishima, Yokohama, Kawasaki, Sodegaura, Goi, Futtsu, Chiba)	(Higashi-Ohgishima, Yokohama, Kawasaki, Anegasaki, Goi, Futtsu, Chiba)	(Higashi-Ohgishima, Yokohama, Kawasaki, Sodegaura, Goi, Futtsu, Chiba)				

Note: \* Two contracts concluded with Cameron are the basic agreement.

#### 4. Coal

##### (1) TEPCO's Coal Purchase and Consumption

(Unit: 1,000 t)

FY	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Australia	441	1,762	3,213	3,258	2,964	3,498	3,054	3,384	2,915	3,310	3,187
U.S.A.	—	—	—	—	—	—	—	40	—	—	—
South Africa	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	35	—	—	—	—
Canada	—	—	—	—	73	83	45	—	87	—	70
Indonesia	—	244	31	154	212	—	—	—	48	—	94
Russia	—	—	—	—	—	—	—	—	—	—	—
Total Purchase	441	2,006	3,244	3,412	3,249	3,581	3,134	3,424	3,050	3,310	3,351
Total Consumption	304	1,887	3,372	3,417	3,176	3,463	3,099	3,537	3,017	3,222	2,887

##### (2) Total Coal Purchase and Consumption for 10 Electric Power Companies

(Unit: 1,000 t)

FY	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total Purchase	34,034	39,047	40,870	43,950	48,549	50,450	50,595	53,040	52,389	46,230	52,307	49,154	50,544
Total Consumption	34,367	37,429	41,350	44,557	48,229	50,565	50,605	52,701	50,776	47,855	51,018	49,160	50,077

Source: "Electric Power Supply and Demand Summary" etc.

## VI. Nuclear Power

### 1. Nuclear Power Generation

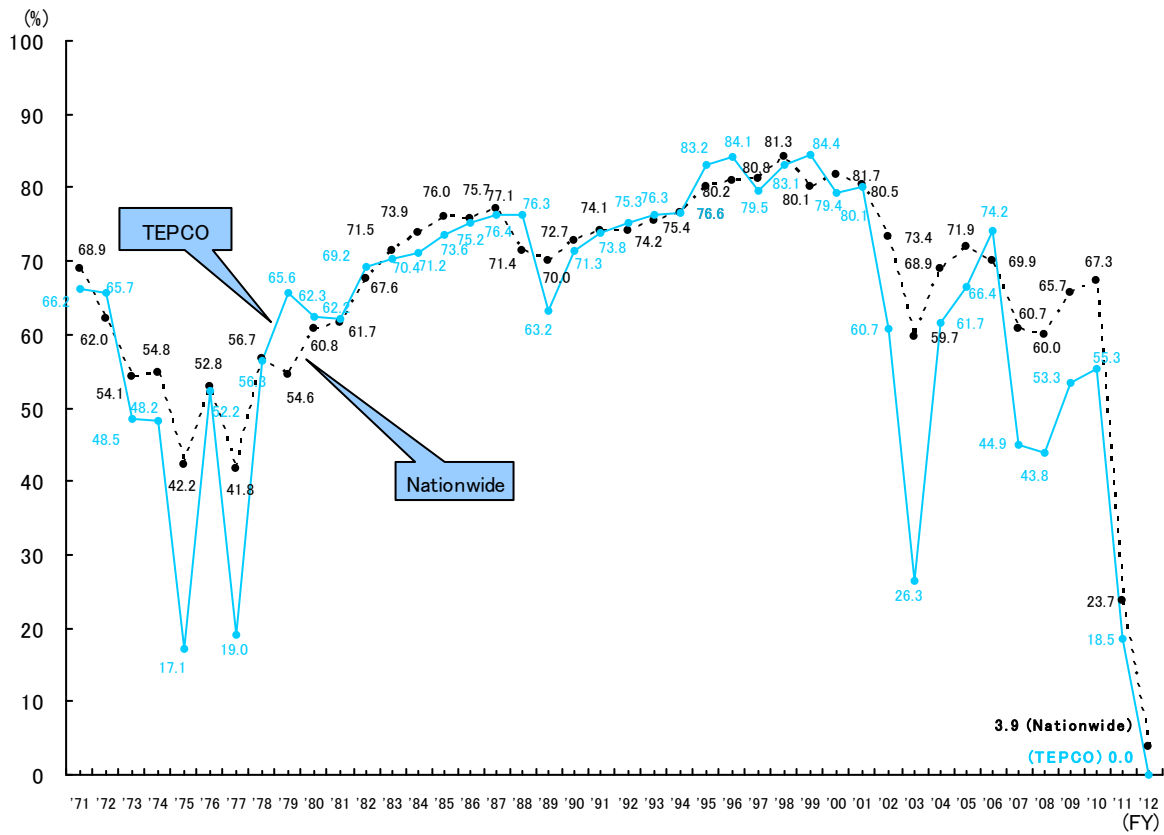
#### (1) General Data on Nuclear Power Plants in Operation

(As of the end of March 2013)

	Fukushima Daiichi Nuclear Power Station						Fukushima Daini NPS				Kashiwazaki-Kariwa Nuclear Power Station							
	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 1	Unit 2	Unit 3	Unit 4	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	
<b>Output (MW)</b>	460	784	784	784	784	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,356	1,356		
<b>Decided on by the Council (Number)</b>	Dec. 25, '68* (49)	Dec. 22, '67 (47)	May 23, '69 (50)	Jun. 30, '71 (55)	Feb. 26, '71 (54)	Dec. 17, '71 (57)	Jun. 7, '72 (59)	Mar. 17, '75 (66)	Mar. 15, '77 (71)	Jul. 14, '78 (75)	Jul. 4, '74 (65)	Mar. 26, '81 (84)	Mar. 27, '85 (99)	Mar. 27, '85 (99)	Mar. 26, '81 (84)	Mar. 18, '88 (108)	Mar. 18, '88 (108)	
<b>Application for License to Install [Section 23 of the Nuclear Regulation Law]</b>	Nov. 19, '68*	Sep. 18, '67	Jul. 1, '69	Aug. 5, '71	Feb. 22, '71	Dec. 21, '71	Aug. 28, '72	Dec. 21, '76	Aug. 16, '78	Aug. 16, '78	Mar. 20, '75	May 11, '81	Apr. 11, '85	Apr. 11, '85	May 11, '81	May 23, '88	May 23, '88	
<b>Date of License Granted</b>	Apr. 7, '69*	Mar. 29, '68	Jan. 23, '70	Jan. 13, '72	Sep. 23, '71	Dec. 12, '72	Apr. 30, '74	Jun. 26, '78	Aug. 4, '80	Aug. 4, '80	Sep. 1, '77	May 6, '83	Apr. 9, '87	Apr. 9, '87	May 6, '83	May 15, '91	May 15, '91	
<b>Start of Construction Work (construction project authorized) [Electricity Business Act Article 47]</b>	Sep. 29, '67	May 27, '69	Oct. 17, '70	May 8, '72	Dec. 22, '71	Mar. 16, '73	Aug. 21, '75	Jan. 23, '79	Nov. 10, '80	Nov. 10, '80	Nov. 4, '78	Aug. 22, '83	Jun. 16, '87	Jun. 16, '87	Aug. 22, '83	Aug. 23, '91	Aug. 23, '91	
<b>(Start of Foundation Excavation)</b>	Apr. 1, '67	Jan. 18, '69	Aug. 25, '70	Sep. 12, '72	Dec. 22, '71	May 18, '73	Nov. 1, '75	Feb. 28, '79	Dec. 1, '80	Dec. 1, '80	Dec. 1, '78	Oct. 26, '83	Jul. 1, '87	Feb. 5, '88	Oct. 26, '83	Sep. 17, '91	Feb. 3, '92	
<b>Start of Commercial Operation</b>	Mar. 26, '71	Jul. 18, '74	Mar. 27, '76	Oct. 12, '78	Apr. 18, '78	Oct. 24, '79	Apr. 20, '82	Feb. 3, '84	Jun. 21, '85	Aug. 25, '87	Sep. 18, '85	Sep. 28, '90	Aug. 11, '93	Aug. 11, '94	Apr. 10, '90	Nov. 7, '96	Jul. 2, '97	
<b>Number of Fuel Assemblies Loaded (Tons-U)</b>	69	94	94	94	94	132	132	132	132	132	132	132	132	132	132	150	150	
<b>(Pieces)</b>	400	548	548	548	548	764	764	764	764	764	764	764	764	764	764	872	872	
<b>Type of Reactor Container</b>	Mark I	Mark I	Mark I	Mark I	Mark I	Mark II	Mark II	Mark II Advanced	Mark II Advanced	Mark II Advanced	Mark II	Mark II Advanced	Mark II Advanced	Mark II Advanced	Mark II Advanced	Mark II Advanced	Made of Reinforced concrete	Made of Reinforced concrete
<b>Domestic Content (%)</b>	56	53	91	91	93	63	98	99	99	99	99	99	99	99	99	89	89	
<b>Main Contractor</b>	GE	GE Toshiba	Toshiba	Hitachi	Toshiba	GE Toshiba	Toshiba	Hitachi	Toshiba	Hitachi	Toshiba	Toshiba	Toshiba	Hitachi	Hitachi	Toshiba Hitachi GE	Hitachi Toshiba GE	
<b>Location</b>	Ohkuma-machi, Futaba-gun, Fukushima Pref.				Futaba-machi, Futaba-gun, Fukushima Pref.		Naraha-machi, Futaba-gun, Fukushima Pref.		Tomioka-machi, Futaba-gun, Fukushima Pref.		Kashiwazaki-shi, Niigata Pref.			Kashiwazaki-shi and Kariwa-mura, Niigata Pref.				

- Notes:
1. Figures for fuels loaded indicate the weight (in tons-U) of uranium fuel in the upper row and the number (in pieces) of fuel assemblies in the lower row.
  2. For Fukushima Daiichi Nuclear Power Station Unit 1, the dates (\*) given indicate those after a change in capacity (from 400 MW to 460 MW).
  3. Following the notification of decommissioning submitted on March 30, 2012 in accordance with Article 9 of the Electric Utilities Industry Law, Units 1-4 at Fukushima Daiichi Nuclear Power Station were decommissioned on April 19, 2012.

(2) Nuclear Power Station Capacity Factor Changes



- Notes:
1. Figures decreased in FY2002 and FY2003 due to the suspension of a large number of nuclear plants for inspection and repair.
  2. The capacity utilization rates do not include preoperation tests. The figures do not necessarily add up to the total shown because fractions were rounded off.
  3. Capacity factor =  $\frac{\text{Electricity generation}}{\text{Authorized capacity} \times \text{Number of calendar hours}} \times 100 (\%)$

## (3) Nuclear Power Station Performance

(Unit: %)

Unit No.	Fukushima Daiichi						Fukushima Daini				Kashiwazaki-Kariwa							TEPCO	◁Reference▷ Nationwide
	1	2	3	4	5	6	1	2	3	4	1	2	3	4	5	6	7		
FY 1971	66.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	66.2	68.9
1972	65.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	65.7	62.0
1973	48.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	48.5	54.1
1974	26.2	66.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	48.2	54.8
1975	16.3	16.5	99.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.1	42.2
1976	24.8	47.7	72.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	52.2	52.8
1977	6.0	3.9	41.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	19.0	41.8
1978	40.4	54.6	43.5	82.9	68.3	—	—	—	—	—	—	—	—	—	—	—	—	56.3	56.7
1979	58.3	65.7	50.8	59.5	70.9	98.0	—	—	—	—	—	—	—	—	—	—	—	65.6	54.6
1980	55.0	45.2	68.8	68.2	68.7	64.1	—	—	—	—	—	—	—	—	—	—	—	62.3	60.8
1981	29.7	46.6	76.1	70.8	69.6	65.5	—	—	—	—	—	—	—	—	—	—	—	62.2	61.7
1982	53.8	80.0	40.6	63.2	62.0	70.3	98.1	—	—	—	—	—	—	—	—	—	—	69.2	67.6
1983	63.4	63.1	55.0	91.1	56.9	81.1	69.0	100.0	—	—	—	—	—	—	—	—	—	70.4	71.5
1984	92.1	56.4	66.7	71.3	81.9	63.4	68.3	79.5	—	—	—	—	—	—	—	—	—	71.2	73.9
1985	46.7	53.7	77.4	64.9	75.8	58.3	74.4	84.2	96.4	—	99.7	—	—	—	—	—	—	73.6	76.0
1986	65.9	85.1	85.7	56.3	60.6	67.6	90.1	84.3	74.1	—	72.9	—	—	—	—	—	—	75.2	75.7
1987	61.7	71.3	57.1	79.6	53.9	88.4	82.4	74.4	77.1	99.8	82.6	—	—	—	—	—	—	76.4	77.1
1988	97.1	62.3	63.2	93.9	90.6	71.1	65.6	77.6	71.1	75.3	84.3	—	—	—	—	—	—	76.3	71.4
1989	13.7	80.2	93.7	69.8	81.4	39.2	66.5	87.2	0.0	77.8	78.0	—	—	—	—	—	—	63.2	70.0
1990	64.3	66.1	50.7	62.5	60.1	90.9	65.8	73.9	33.8	96.4	62.9	95.2	—	—	99.8	—	—	71.3	72.7
1991	31.1	45.8	60.1	88.6	77.0	76.6	89.4	74.3	67.0	79.1	90.3	74.8	—	—	77.0	—	—	74.1	73.8
1992	71.6	62.3	89.5	71.8	87.7	62.5	70.9	62.4	97.9	61.3	84.9	81.5	—	—	75.4	—	—	75.3	74.2
1993	52.7	84.4	74.0	59.5	64.3	57.1	61.1	97.6	74.3	83.0	74.6	94.7	99.8	—	78.7	—	—	76.3	75.4
1994	100.0	34.9	61.2	90.1	64.4	99.9	79.6	76.1	49.8	89.4	76.1	79.1	79.1	63.0	98.7	—	—	76.6	76.6
1995	79.4	76.0	67.8	92.3	80.4	73.8	100.0	73.2	90.9	84.0	81.9	83.5	85.5	90.5	81.5	—	—	83.2	80.2
1996	45.1	88.4	97.2	74.4	96.9	65.9	73.0	87.7	96.1	73.6	91.7	74.3	100.0	87.1	85.6	100.0	—	84.1	80.8
1997	99.7	81.9	15.0	50.7	73.0	86.6	66.7	92.1	81.1	87.2	74.2	100.0	86.8	81.5	76.3	83.0	100.0	79.5	81.3
1998	84.0	36.0	64.6	95.8	81.5	81.3	75.9	80.2	89.7	100.0	78.8	88.4	73.1	88.1	100.0	93.5	84.5	83.1	84.2
1999	69.3	72.8	66.8	92.9	68.4	85.6	100.0	88.7	75.2	87.8	87.6	89.2	83.4	100.0	84.3	90.1	73.9	84.4	80.1
2000	72.2	78.4	99.9	66.4	49.6	68.7	78.4	75.9	99.7	71.9	95.6	70.6	100.0	66.4	75.8	81.7	86.1	79.4	81.7
2001	37.5	69.0	85.5	88.3	89.5	95.2	74.8	92.2	31.6	86.3	74.1	99.1	75.7	69.2	88.3	80.7	99.0	80.1	80.5
2002	56.9	99.7	29.3	46.0	86.3	67.4	76.9	25.5	46.1	53.6	42.4	40.0	35.7	76.7	92.2	82.4	70.0	60.7	73.4
2003	0.0	0.0	62.5	2.4	55.0	25.0	57.5	0.0	6.9	0.0	0.0	0.0	0.0	69.1	0.0	91.3	45.9	26.3	59.7
2004	0.0	64.6	36.7	69.0	58.1	24.9	49.2	59.2	67.5	37.4	85.2	75.6	75.6	37.1	91.7	75.3	90.6	61.7	68.9
2005	47.4	63.9	89.7	30.5	67.1	72.8	86.4	66.0	28.9	58.0	19.5	69.3	85.9	100.8	74.4	71.2	78.4	66.4	71.9
2006	72.5	45.8	72.7	76.2	59.7	82.1	74.6	100.6	87.8	41.1	93.4	89.7	79.7	31.5	65.9	98.9	71.2	74.2	69.9
2007	40.8	91.7	65.5	86.3	73.1	62.8	75.1	52.4	76.7	76.7	9.2	6.5	29.5	29.6	0.0	7.3	29.9	44.9	60.7
2008	54.5	86.0	90.5	70.2	80.5	95.2	89.1	81.6	73.1	93.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.8	60.0
2009	91.7	73.4	71.2	82.6	86.5	80.0	93.6	93.4	82.1	71.5	0.0	0.0	0.0	0.0	0.0	55.1	72.3	53.3	65.7
2010	51.5	67.9	68.1	66.5	63.8	38.5	66.6	77.3	94.7	72.8	82.6	0.0	0.0	0.0	33.9	77.6	78.5	55.3	67.3
2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.4	0.0	0.0	0.0	82.7	101.0	38.8	18.5	23.7
2012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9

Notes: 1. Capacity factor =  $\frac{\text{Electricity generation}}{\text{Authorized capacity} \times \text{Number of calendar hours}} \times 100 (\%)$

2. Following the notification of decommissioning submitted on March 30, 2012 in accordance with Article 9 of the Electricity Business Act, Units 1-4 at Fukushima Daiichi Nuclear Power Station were decommissioned on April 19, 2012.

3. Capacity factor of Units 1-4 at Fukushima Daiichi NPS in FY2012 was calculated by using data before April 19, 2012.

(4) Annual Production of Solid Radioactive Wastes

Contents		Unit	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12
Number of Drums	Fukushima Daiichi	Number	6,101	5,696	8,579	5,493	3,429	4,545	4,295	4,879	6,579	8,916	13,994	12,972	19,689	17,651	20,169	17,979	16,694	16,626	16,938	*	*	*
	Fukushima Daini	Number	2,546	2,096	1,698	5,936	914	1,046	1,510	867	660	730	1,353	3,281	3,390	3,566	4,760	2,871	3,259	2,302	2,471	2,397	71	1,191
	Kashiwazaki-Kariwa	Number	656	720	874	925	645	914	1,324	995	669	808	862	761	980	2,114	4,127	3,474	691	2,083	4,224	3,387	3,141	4,525
	Total	Number	9,303	8,512	11,151	12,354	4,988	6,505	7,129	6,741	7,908	10,454	16,209	17,014	24,059	23,331	29,056	24,324	20,644	21,011	23,633	*	*	*
Number of Other Stored Items	Fukushima Daiichi	Number of equivalents to drums	12	0	68	0	0	812	2,074	1,045	240	1,472	594	2,646	146	746	0	150	0	0	0	*	*	*
	Fukushima Daini	Number of equivalents to drums	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kashiwazaki-Kariwa	Number of equivalents to drums	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	Number of equivalents to drums	12	0	68	0	0	812	2,074	1,045	240	1,472	594	2,646	146	746	0	150	0	0	0	*	*	*
Reduction of Number of Drums By Incineration	Fukushima Daiichi	Number	7,573	9,009	8,456	8,997	7,704	9,190	8,269	8,078	6,065	7,878	11,556	12,347	16,481	15,691	10,374	12,448	11,484	12,629	10,607	*	*	*
	Fukushima Daini	Number	144	252	328	7,173	0	58	594	163	221	18	1,102	4,607	4,161	3,101	1,900	1,794	1,257	1,021	1,285	1,472	0	0
	Kashiwazaki-Kariwa	Number	478	549	0	0	0	0	0	0	107	124	140	24	50	0	18	13	27	53	56	40	2,066	3,607
	Total	Number	8,195	9,810	8,784	16,170	7,704	9,248	8,863	8,241	6,393	8,020	12,798	16,978	20,692	18,792	12,292	14,255	12,768	13,703	11,948	*	*	*
Reduction of Number of Drums by Ship Out	Fukushima Daiichi	Number	0	2,680	7,296	8,000	8,000	8,320	11,248	6,912	4,358	1,200	4,000	3,840	5,960	4,000	3,200	4,000	0	1,920	3,008	3,456	*	*
	Fukushima Daini	Number	0	0	0	0	0	0	0	0	0	0	2,072	2,000	2,000	2,000	960	0	0	2,000	0	2,000	0	0
	Kashiwazaki-Kariwa	Number	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,400
	Total	Number	0	2,680	7,296	8,000	8,000	8,320	11,248	6,912	4,358	1,200	6,072	5,840	7,960	6,000	4,160	4,000	0	3,920	3,008	5,456	*	*
Cumulative Number of Stored Drums	Fukushima Daiichi	Number	244,620	238,627	231,454	219,950	207,675	194,710	179,488	169,377	165,531	165,371	163,809	160,594	157,842	155,802	162,397	163,928	169,138	171,215	174,538	*	*	*
	Fukushima Daini	Number	15,742	17,586	18,956	17,719	18,633	19,621	20,537	21,241	21,680	22,392	20,571	17,245	14,474	12,939	14,839	15,916	17,918	17,199	18,385	17,310	17,381	18,572
	Kashiwazaki-Kariwa	Number	2,547	2,718	3,592	4,517	5,162	6,076	7,400	8,395	8,957	9,641	10,363	11,100	12,030	14,144	18,253	21,714	22,378	24,408	28,576	31,923	32,998	32,516
	Total	Number	262,909	258,931	254,002	242,186	231,470	220,407	207,425	199,013	196,168	197,404	194,743	188,939	184,346	182,885	195,489	201,558	209,434	212,822	221,499	*	*	*
Cumulative Number of Other Stored Items	Fukushima Daiichi	Number of equivalents to drums	162	162	230	230	230	1,042	3,116	4,161	4,401	5,873	6,467	9,113	9,259	10,005	10,005	10,155	10,155	10,155	10,155	*	*	*
	Fukushima Daini	Number of equivalents to drums	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kashiwazaki-Kariwa	Number of equivalents to drums	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	Number of equivalents to drums	162	162	230	230	230	1,042	3,116	4,161	4,401	5,873	6,467	9,113	9,259	10,005	10,005	10,155	10,155	10,155	10,155	*	*	*

- Notes:
1. Solid waste includes low-level radioactive waste from which water used in the plant has been evaporated and which has been condensed, and the waste has been packed into a set in concrete, and low-level radioactive waste that has been packed inside a drum, for example filter material or paper or cloth used in plant work which has been compacted and incinerated.
  2. Reduction of number of drums by ship out means the number of drums sent to the Rokkasho Low Level Radioactive Waste Underground Disposal Center located at Rokkasho-mura in Aomori Prefecture.
  3. Storage capacity: Fukushima Daiichi, 284,500 drums; Fukushima Daini, 32,000 drums; Kashwazki-Kariwa, 45,000 drums (as of the end of FY2012)
  4. "\*" indicates data still being summarized due to influence by the earthquake.

## 2. Nuclear Fuel Cycle

### (1) Outline of Nuclear Fuel Cycle Facilities

	Uranium Enrichment Plant	Low-Level Radioactive Waste Underground Disposal Center	Reprocessing Plant	Vitrified Waste Storage Center	MOX Fuel Fabrication Plant
<b>Site</b>	Oishitai, Rokkasho-mura, Kamikita-gun, Aomori Prefecture		Iyasaki, Rokkasho-mura, Kamikita-gun, Aomori Prefecture		
<b>Project Executor</b>	Japan Nuclear Fuel Limited				
<b>Capacity</b>	Authorized capacity: 1,050 ton-SWU/year (initial operation) Final: 1,500 ton-SWU/year	Authorized capacity: approx. 80,000m <sup>3</sup> (equivalent to 0.4 million 200 liter drums) Projected capacity: approx. 600,000m <sup>3</sup> (equivalent to 3 million 200 liter drums)	Maximum capacity: 800 tU/year Storage capacity for spent fuel: 3,000 tU	Capacity of wastes returned from overseas reprocessing plants: 2,880 canisters of vitrified waste	Maximum capacity: 130 tHM/year
<b>Site Square Area</b>	Oishitai: approx. 3.6 million m <sup>2</sup> (including roads for plant use only, etc.)		Iyasaki: approx. 3.8 million m <sup>2</sup> (including roads for plant use only, etc.)		
<b>Schedule</b>	Beginning of construction: 1988 Beginning of operation: 1992	Beginning of construction: 1990 Beginning of operation: 1992	Beginning of construction: 1993 Beginning of water flow functional testing: 2001 Beginning of chemical testing: 2002 Beginning of uranium testing: 2004 Beginning of active testing: 2006 Commercial operation: 2013 (planned)	Beginning of construction: 1992 Beginning of operation: 1995	Beginning of construction: 2010 Beginning of operation (planned): 2016
<b>Construction Expense</b>	Approx. 250 billion yen	Approx. 160 billion yen*	Approx. 2,193 billion yen	Approx. 125 billion yen	Approx. 190 billion yen

\* Construction expense is equivalent to 200,000 m<sup>3</sup> low-level radioactive waste (equivalent to approx. 1 million 200-liter drums)

Note: tU = tones of uranium  
In spent fuel, uranium and oxygen are combined. A unit of tones of uranium is the weight of spent fuel minus the weight of oxygen.



## (2) Japan's Procurement of Uranium (as of March 2011)

Import Contract Type	Supply Countries (country of origin for the portion of import of development)	Contract Quantity (st U <sub>3</sub> O <sub>8</sub> )
Long- and short-term contracts, and purchase of products	Canada, United Kingdom, South Africa, Australia, France, U.S.A, etc.	Approx. 373,100
Develop-and-import scheme	Niger, Canada, Kazakhstan, etc.	Approx. 81,600
<b>Total</b>		Approx. 454,700

Source: "Nuclear Pocket Book 2012"

Note: st = short ton  
Short ton is a unit of weight used mainly in the United States; one short ton is equivalent to approx. 907 kg.

## (3) Amount of Spent Fuel Storage

(Unit: Number of fuel assemblies)

Power station	Amount of Storage								Storage Capacity
	End of FY 2005	End of FY 2006	End of FY 2007	End of FY 2008	End of FY 2009	End of FY 2010	End of FY 2011	End of FY 2012	
Fukushima Daiichi	8,153	8,725	9,117	9,657	10,149	10,781	11,329	11,329	15,558
Fukushima Daini	5,532	5,130	5,628	5,614	6,122	6,476	6,476	6,476	10,940
Kashiwazaki-Kariwa	11,936	11,856	12,372	12,380	12,672	13,160	13,380	13,734	22,479
<b>Total</b>	<b>25,621</b>	<b>25,711</b>	<b>27,117</b>	<b>27,651</b>	<b>28,943</b>	<b>30,417</b>	<b>31,185</b>	<b>31,539</b>	<b>48,977</b>

(As of the end of March 2013)

(4) Current Status of Nuclear Fuel Reprocessing Contracts

TEPCO has concluded agreements with Nuclear Decommissioning Authority (NDA of the U.K.), AREVA NC (nuclear fuel company in France), Japan Atomic Energy Agency (JAEA) and Japan Nuclear Fuel (JNFL) to reprocess uranium.

The following table describes the current status of this endeavor.

(As of the end of March 2013)

Contractors	AREVA NC	NDA	JAEA	JNFL
<b>Reprocessing Plant Name</b>	UP-3 Plant	THORP Plant	Tokai Reprocessing Plant	Rokkasho Reprocessing Plant
<b>Annual Reprocessing Capacity (tU)</b>	1,000/year	1,200/year	210/year	800/year
<b>Contract Amount (tU)</b>	Approx. 630	Approx. 1,244	Approx. 223	Approx. 12,082
<b>Spent Fuel Delivery Period: Amount Actually Delivered as of the End of March 2013 (tU)</b>	1985 – 1993 Approx. 630	1974 – 1995 Approx. 1,244	1977 – Approx. 223	1998 – Approx. 1,058
<b>Construction and Operation of Reprocessing Plant</b>	<ul style="list-style-type: none"> <li>· November 1989: Operations partially started.</li> <li>· August 1990: Full scale operations started.</li> </ul>	<ul style="list-style-type: none"> <li>· March 1994: Operations started.</li> </ul>	<ul style="list-style-type: none"> <li>· September 1977: Active test started.</li> <li>· 1981: Full start-up started.</li> </ul>	<ul style="list-style-type: none"> <li>· March 2006: Active test started.</li> <li>· 2012: Full scale operations scheduled.</li> </ul>
<b>Amount Actually Reprocessed as of the End of March 2013: Amount of Spent Fuel Reprocessed by TEPCO (tU)</b>	Approx. 630	Approx. 1,244	Approx. 223	Approx. 156

(5) High-Level Radioactive Waste Storage Conditions

High-level radioactive waste (vitrified material) that is returned from France and the U.K. is all stored and managed safely in Vitrified Waste Storage Center of Japan Nuclear Fuel Ltd. located in Rokkasho-mura, Aomori Prefecture.

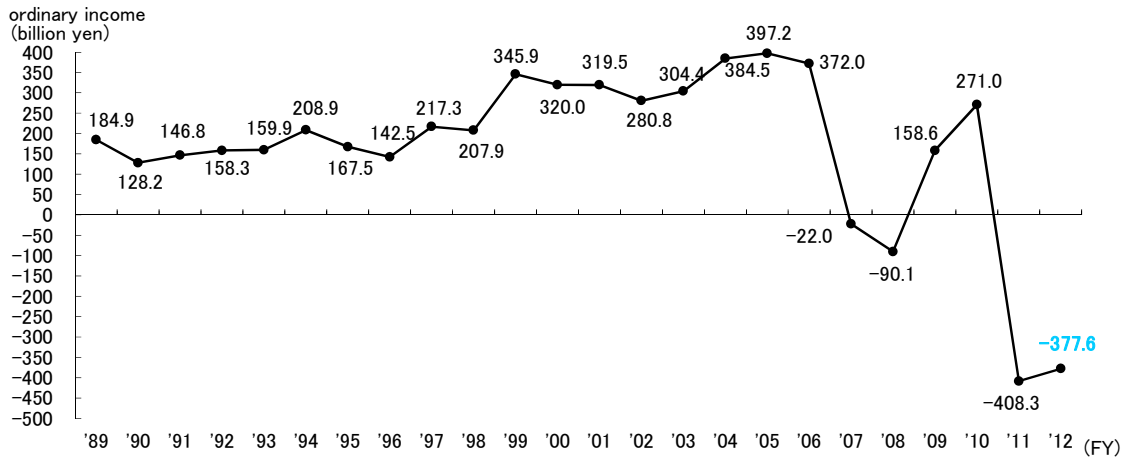
	Quantity	TEPCO use	Reprocessing Plant	Arrival Date(in Japan)
1st return	28 canisters	7 canisters	France	April 1995
2nd return	40 canisters	10 canisters	France	March 1997
3rd return	60 canisters	20 canisters	France	March 1998
4th return	40 canisters	0 canisters	France	April 1999
5th return	104 canisters	28 canisters	France	February 2000
6th return	192 canisters	60 canisters	France	February 2001
7th return	152 canisters	28 canisters	France	January 2002
8th return	144 canisters	28 canisters	France	July 2003
9th return	132 canisters	18 canisters	France	March 2004
10th return	124 canisters	0 canisters	France	April 2005
11th return	164 canisters	42 canisters	France	March 2006
12th return	130 canisters	20 canisters	France	March 2007
13th return	28 canisters	7 canisters	U.K.	March 2010
14th return	76 canisters	0 canisters	U.K.	September 2011
15th return	28 canisters	0 canisters	U.K.	February 2013
<b>Total</b>	1,442 canisters	268 canisters		

Note: High-level radioactive waste is vitrified and put in stainless canisters that measure approx. 0.4m in diameter and approx. 1.3m in height, and weigh approx. 0.5 tons.

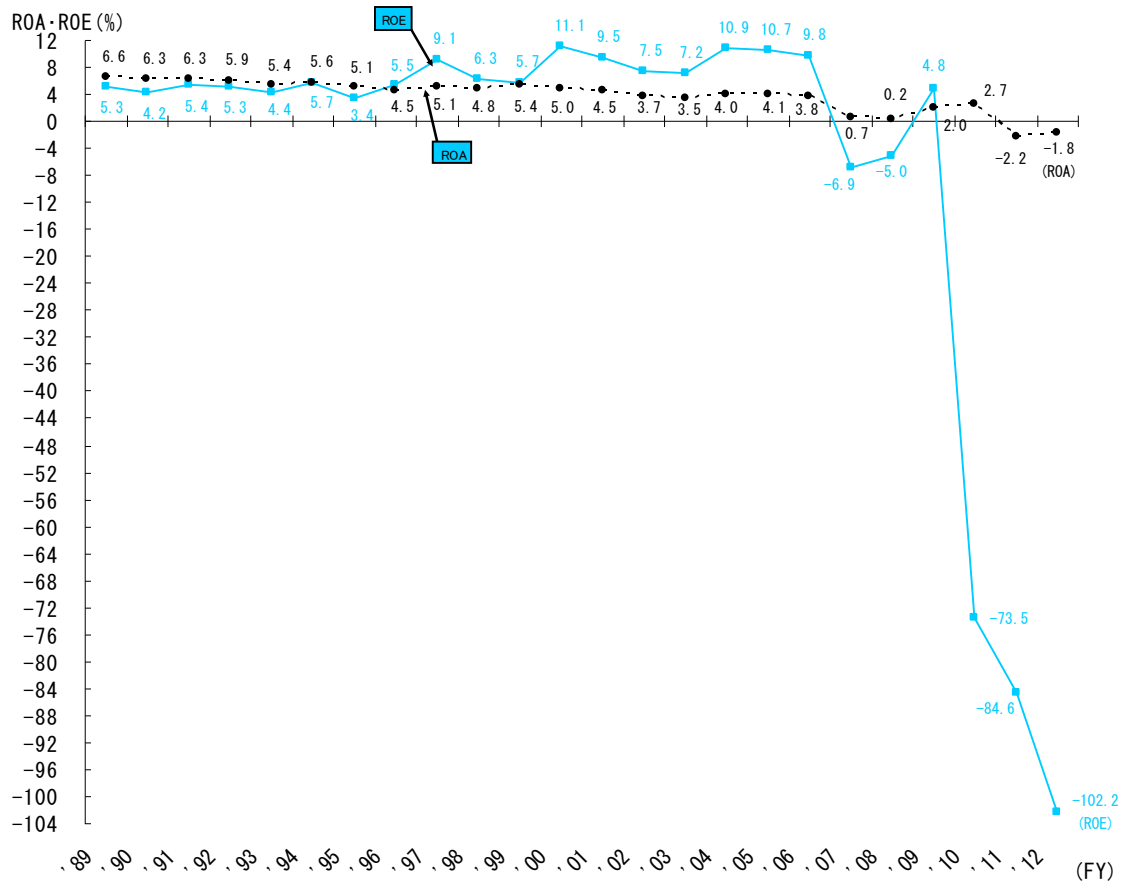
## VII. Accounting

### 1. Financial strength

#### (1) Changes in Ordinary income

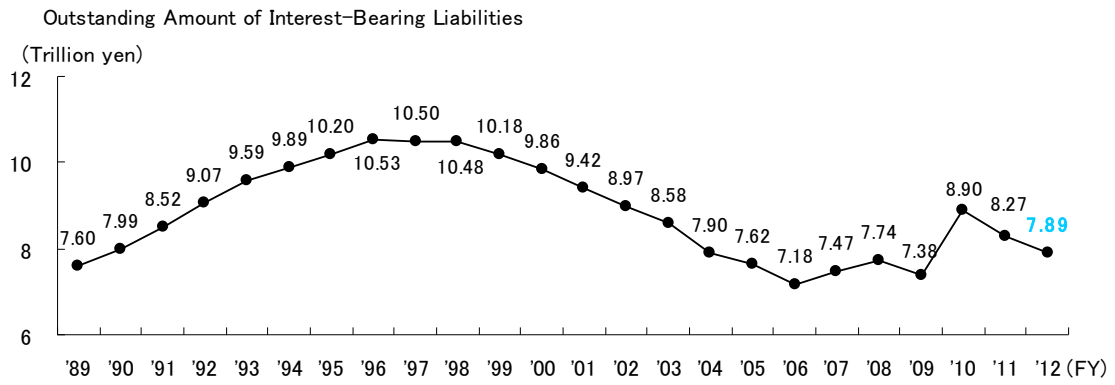


#### (2) Changes in ROA and ROE



Note: ROA: Operating income(including operating income from incidental businesses)/Average gross assets. ROE: Net income/Average shareholders' equity.

### (3) Changes in Outstanding Amount of Interest-Bearing Liabilities



Note: Outstanding amount of interest-bearing liabilities: corporate bonds and outstanding amount of debt loan

## 2. Balance Sheet

### (1) Non-Consolidated

(Unit: billion yen)

	FY	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
<b>Assets</b>	<b>Fixed assets</b>	13,254.7	12,889.0	12,532.3	12,429.3	12,242.7	12,249.6	11,946.5	11,855.4	11,530.3	13,019.9	12,099.6	
	<b>Electric utility fixed assets</b>	9,833.9	9,723.4	9,310.9	9,154.9	8,770.5	8,416.0	8,159.5	7,871.7	7,673.2	7,440.5	7,379.5	
	Hydroelectric power generation facilities	712.7	676.8	643.0	878.8	835.6	791.4	751.6	715.6	682.0	647.6	632.8	
	Thermal power generation facilities	1,292.7	1,546.6	1,474.0	1,328.0	1,202.9	1,116.5	1,127.3	1,032.4	946.1	851.8	848.6	
	Nuclear power generation facilities	1,025.9	932.8	858.3	794.9	739.4	679.4	643.8	670.9	737.6	729.7	749.1	
	Internal combustion engine power production facilities	11.6	13.7	12.7	9.5	9.4	11.5	10.4	9.9	9.6	68.8	136.5	
	Renewable energy generation facilities	-	-	-	-	-	-	-	1.1	1.0	14.1	13.4	
	Transmission facilities	2,983.3	2,833.6	2,713.5	2,596.5	2,490.8	2,381.6	2,281.3	2,177.9	2,102.3	2,019.4	1,954.2	
	Transformation facilities	1,181.7	1,128.2	1,056.0	1,013.8	986.8	948.4	899.7	866.3	834.4	792.2	768.4	
	Distribution facilities	2,397.7	2,363.3	2,349.4	2,330.2	2,314.5	2,293.3	2,267.1	2,231.5	2,198.4	2,167.1	2,139.0	
	General facilities and others	228.0	228.1	203.8	202.8	190.7	193.5	178.0	165.6	161.5	149.4	137.1	
	Construction in progress	1,212.1	805.3	738.5	482.4	526.2	595.0	590.6	650.9	700.2	882.1	953.3	
	Nuclear fuel	856.0	911.5	929.1	920.9	896.8	923.9	917.0	903.5	870.4	845.7	807.6	
	Other fixed assets	1,352.6	1,448.7	1,553.7	1,871.0	2,049.1	2,314.5	2,279.2	2,429.3	2,286.2	3,851.4	2,959.1	
	<b>Current assets</b>	557.7	544.9	568.5	601.8	681.2	808.0	1,043.5	787.5	2,725.6	2,129.3	2,520.1	
	<b>Deferred charges</b>	-	0.3	0.2	0.2	-	-	-	-	-	-	-	-
	<b>Total</b>	13,812.5	13,434.3	13,101.1	13,031.4	12,924.0	13,057.7	12,990.0	12,643.0	14,255.9	15,149.2	14,619.7	
<b>Liabilities and Net Asset (Shareholders' Equity)</b>	<b>Long-term liabilities</b>	9,222.5	9,271.4	8,985.2	8,189.6	7,808.2	8,350.5	8,841.8	8,549.8	11,088.7	12,275.7	11,694.7	
	Bonds	5,142.9	5,550.2	5,376.5	4,899.1	4,529.9	4,694.4	4,936.3	4,739.1	4,425.1	3,677.2	3,768.1	
	Long-term loans	1,994.5	1,682.2	1,476.0	1,210.9	1,160.2	1,294.7	1,528.1	1,466.3	3,280.1	3,216.3	2,980.4	
	Other long-term liabilities	2,085.0	2,038.8	2,132.5	2,079.6	2,118.0	2,361.3	2,377.4	2,344.3	3,383.4	5,382.1	4,946.1	
	<b>Current liabilities</b>	2,527.1	1,981.3	1,761.6	2,270.4	2,320.2	2,307.2	2,003.6	1,927.5	1,891.2	2,332.4	2,088.5	
	reserves	4.2	11.8	19.5	16.3	22.3	17.3	13.4	5.0	11.1	13.5	4.7	
	<b>Total liabilities</b>	11,754.0	11,264.5	10,766.4	10,476.4	10,150.8	10,675.0	10,858.9	10,482.3	12,991.1	14,621.7	13,788.0	
	<b>Capital stock</b>	676.4	676.4	676.4	676.4	-	-	-	-	-	-	-	-
	<b>Capital surplus</b>	19.0	19.0	19.0	19.0	-	-	-	-	-	-	-	-
	<b>Capital reserve</b>	19.0	19.0	19.0	19.0	-	-	-	-	-	-	-	-
	<b>Earned surplus</b>	1,345.5	1,416.1	1,579.8	1,759.5	-	-	-	-	-	-	-	-
	Revenue reserve	169.1	169.1	169.1	169.1	-	-	-	-	-	-	-	-
	Various reserves	295.5	295.5	295.7	295.6	-	-	-	-	-	-	-	-
	(cost fluctuation adjustment)	(295.2)	(295.2)	(295.2)	(295.2)	-	-	-	-	-	-	-	-
	General reserve	620.0	691.0	761.0	924.0	-	-	-	-	-	-	-	-
	Unappropriated retained earnings	260.8	260.4	353.9	370.7	-	-	-	-	-	-	-	-
	Unrealized gains on securities	19.4	61.5	63.9	105.1	-	-	-	-	-	-	-	-
Treasury stock	-1.8	-3.3	-4.3	-5.1	-	-	-	-	-	-	-	-	
<b>Total shareholders' equity</b>	2,058.5	2,169.7	2,334.7	2,555.0	-	-	-	-	-	-	-	-	
<b>Shareholders' equity</b>	-	-	-	-	2,629.8	2,350.5	2,155.8	2,176.8	1,286.2	527.7	833.4		
Capital stock	-	-	-	-	676.4	676.4	676.4	676.4	900.9	900.9	1,400.9		
Capital surplus	-	-	-	-	19.0	19.1	19.1	19.1	243.6	243.6	743.6		
Capital reserve	-	-	-	-	19.0	19.0	19.0	19.0	243.5	243.5	743.5		
Other capital surplus	-	-	-	-	0.0	0.1	0.1	0.1	0.0	0.0	0.0		
Earned surplus	-	-	-	-	1,940.5	1,661.5	1,467.4	1,488.7	149.1	-609.2	-1,303.6		
Legal reserve	-	-	-	-	169.1	169.1	169.1	169.1	169.1	169.1	169.1		
Other earned surplus	-	-	-	-	1,771.3	1,492.4	1,298.3	1,319.6	-19.9	-778.3	-1,472.7		
Various reserves	-	-	-	-	295.5	295.4	0.2	0.5	0.5	0.5	0.4		
(cost fluctuation adjustment)	-	-	-	-	-295.2	-295.2	-	-	-	-	-		
General reserve	-	-	-	-	1,103.0	1,270.0	1,270.0	1,076.0	1,076.0	1,076.0	1,076.0		
Earned surplus carried forward	-	-	-	-	372.8	-72.9	28.0	243.0	-1,096.4	-1,854.8	-2,549.2		
Treasury stock	-	-	-	-	-6.1	-6.5	-7.1	-7.4	-7.5	-7.5	-7.5		
<b>Valuation and translation adjustment</b>	-	-	-	-	143.3	32.1	-24.7	-16.2	-21.4	-0.3	-1.6		
Unrealized gains on securities	-	-	-	-	143.3	32.1	-24.7	-16.2	-21.4	-0.3	-1.6		
Deferred gains or losses on hedges	-	-	-	-	-	0.0	-	-	-	-	-		
<b>Total net asset</b>	-	-	-	-	2,773.2	2,382.7	2,131.1	2,160.6	1,264.8	527.4	831.7		
<b>Total</b>	13,812.5	13,434.3	13,101.1	13,031.4	12,924.0	13,057.7	12,990.0	12,643.0	14,255.9	15,149.2	14,619.7		

- Notes:
- Figures are rounded down to the nearest 0.1 billion.
  - Since FY2006, the accounting standard related to the form of presentation of net asset part of balance sheet has been applied.
  - Since FY2009, new energy-based power generation equipment of new energy is booked as a separate item to comply with the amended Accounting Rules for Electricity Business.

## (2) Consolidated

(Unit: billion yen)

FY		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Assets	Fixed assets	13,556.1	13,269.7	13,025.9	12,848.5	12,670.6	12,697.5	12,351.2	12,221.4	11,875.6	13,250.2	12,248.1
	Electric utility fixed assets	9,742.6	9,636.6	9,229.5	9,079.6	8,699.6	8,351.3	8,099.0	7,814.2	7,605.4	7,375.5	7,320.3
	Hydroelectric power production facilities	719.2	683.4	649.5	885.4	842.2	800.5	761.5	725.5	679.8	645.5	631.0
	Thermal power production facilities	1,287.9	1,541.8	1,469.8	1,324.6	1,199.8	1,113.9	1,124.8	1,030.8	944.3	850.1	846.9
	Nuclear power production facilities	1,022.7	929.4	855.0	792.0	736.6	676.7	641.1	667.8	734.1	726.2	745.5
	Transmission facilities	2,966.0	2,817.7	2,698.7	2,583.1	2,479.4	2,370.9	2,271.2	2,168.0	2,092.3	2,009.5	1,946.1
	Transformation facilities	1,168.7	1,116.5	1,045.4	1,004.8	978.7	941.0	893.3	860.3	828.7	787.3	764.3
	Distribution facilities	2,338.8	2,306.4	2,294.7	2,277.3	2,262.6	2,243.3	2,218.7	2,185.0	2,153.9	2,124.5	2,099.5
	General facilities and others	239.0	241.3	216.1	212.0	199.9	204.8	188.2	176.5	171.9	232.1	286.6
	Facilities in progress	1,228.2	848.0	776.9	519.9	556.6	659.6	648.5	686.7	749.9	943.5	994.4
	Nuclear fuel	854.1	909.3	925.1	917.1	893.7	921.8	915.9	902.9	869.9	845.3	807.3
	Other fixed assets, etc.	1,731.0	1,875.7	2,094.2	2,331.9	2,520.6	2,764.6	2,687.6	2,817.4	2,650.2	4,085.6	3,125.9
	Cur rent assets	621.1	630.8	722.5	745.2	850.7	981.5	1,208.0	982.5	2,914.7	2,286.2	2,741.0
Deferred changes	-	0.3	0.2	0.2	-	-	-	-	-	-	-	-
Total profit	14,177.2	13,900.9	13,748.8	13,594.1	13,521.3	13,679.0	13,559.3	13,203.9	14,790.3	15,536.4	14,989.1	
Liabilities and Net Asset (Shareholders' Equity)	Long-term liabilities	9,368.1	9,497.5	9,361.1	8,432.3	8,073.7	8,602.6	9,067.7	8,769.3	11,301.7	12,391.4	11,804.2
	Bonds	5,145.9	5,555.1	5,400.3	4,905.2	4,535.0	4,697.4	4,937.0	4,739.6	4,425.5	3,677.4	3,768.1
	Long-term loans	2,072.5	1,836.3	1,749.2	1,372.7	1,335.6	1,458.8	1,687.5	1,614.3	3,423.7	3,276.1	3,024.9
	Other long-term liabilities	2,149.6	2,106.0	2,211.5	2,154.4	2,203.0	2,446.3	2,443.1	2,415.3	3,452.3	5,437.8	5,011.2
	Current liabilities	2,545.7	2,003.8	1,833.4	2,329.8	2,351.4	2,363.5	2,058.5	1,913.0	1,874.9	2,318.9	2,042.2
	Reserve for fluctuation in water levels	4.2	11.9	19.7	16.4	22.4	17.4	13.5	5.1	11.1	13.5	4.7
	Total liabilities	11,918.1	11,513.3	11,214.3	10,778.6	10,447.6	10,983.6	11,139.8	10,687.5	13,187.8	14,723.9	13,851.3
	Shareholders' equity	-	-	-	-	2,875.5	2,626.1	2,460.1	2,519.0	1,630.3	848.7	1,163.4
	Capital stock	-	-	-	-	676.4	676.4	676.4	676.4	900.9	900.9	1,400.9
	Capital surplus	-	-	-	-	19.0	19.1	19.1	19.1	243.6	243.6	743.6
	Earned surplus	-	-	-	-	2,186.8	1,937.8	1,772.3	1,831.4	494.0	-287.4	-972.7
	Treasury stock	-	-	-	-	-6.7	-7.1	-7.7	-8.0	-8.3	-8.3	-8.3
	Accumulated other comprehensive income	-	-	-	-	157.9	27.5	-81.5	-53.2	-72.1	-61.5	-46.7
	Unrealized gains on securities	-	-	-	-	155.0	37.5	-26.1	-15.6	-20.0	1.2	2.4
	Deferred gains or losses on hedges	-	-	-	-	-1.1	-12.8	-22.9	-10.4	-11.1	-16.7	-18.2
	Land revaluation surplus	-	-	-	-	-3.6	-3.6	-3.6	-3.6	-3.6	-3.2	-3.2
	Foreign currency Translation adjustments	-	-	-	-	7.6	6.5	-28.8	-23.4	-37.3	-42.8	-27.6
	Share warrant	-	-	-	-	0.0	-	-	0.0	0.0	-	-
	Minority interests	13.2	27.1	32.2	35.6	40.2	41.6	40.8	50.7	44.3	25.2	21.1
	Total net asset	-	-	-	-	3,073.7	2,695.4	2,419.4	2,516.4	1,602.4	812.4	1,137.8
Total of liabilities and net asset	-	-	-	-	13,521.3	13,679.0	13,559.3	13,203.9	14,790.3	15,536.4	14,989.1	
Capital stock	676.4	676.4	676.4	676.4	-	-	-	-	-	-	-	
Capital surplus	19.0	19.0	19.0	19.0	-	-	-	-	-	-	-	
Earned surplus	1,527.4	1,595.9	1,740.9	1,969.9	-	-	-	-	-	-	-	
Land revaluation surplus	0.9	0.6	0.5	-3.6	-	-	-	-	-	-	-	
Unrealized gains on securities	20.6	71.8	69.9	117.7	-	-	-	-	-	-	-	
Translation adjustments	3.7	0.4	0.2	5.8	-	-	-	-	-	-	-	
Treasury stock	-2.4	-3.9	-4.9	-5.7	-	-	-	-	-	-	-	
Total shareholders' equity	2,245.8	2,360.4	2,502.1	2,779.7	-	-	-	-	-	-	-	
Total of liabilities, minority interests and shareholders' equity	14,177.2	13,900.9	13,748.8	13,594.1	-	-	-	-	-	-	-	

Notes: 1. Figures are rounded down to the nearest 0.1 billion.

2. Since FY2006, the accounting standard related to the form of presentation of net asset part of balance sheet has been applied.

3. Statement of Income  
(1) Non-Consolidated

(Unit: billion yen)

FY		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
Revenues	Operating revenues	4,880.4	4,734.5	4,823.2	4,941.0	5,015.0	5,224.3	5,643.3	4,804.4	5,146.3	5,107.7	5,769.4	
	Electric utility operating revenues	4,801.3	4,722.1	4,798.6	4,897.2	4,952.3	5,169.1	5,554.2	4,733.2	5,064.6	4,995.6	5,660.0	
	Residential	1,955.5	1,909.4	1,976.8	2,022.4	1,983.4	2,096.2	2,207.8	2,008.6	2,167.8	2,133.4	2,335.1	
	Commercial and industrial	2,729.7	2,688.7	2,660.4	2,659.5	2,721.1	2,818.4	3,088.1	2,495.9	2,628.7	2,620.6	3,040.3	
	Sales to other electric utilities etc.	71.7	71.9	101.1	143.9	168.6	164.3	169.7	136.2	162.4	140.0	149.6	
	Grant based on the renewable energy	-	-	-	-	-	-	-	-	-	-	-	26.2
	Other operating revenues	44.3	51.9	60.2	71.2	79.0	90.0	88.5	92.4	105.5	101.5	108.7	
	Incidental business operating revenues	7.0	12.4	24.6	43.8	62.7	55.2	89.1	71.1	81.6	112.1	109.3	
	Nonoperating revenues	18.5	25.9	28.5	37.6	42.8	41.4	39.9	48.2	57.2	76.5	49.0	
	Financial revenues	10.1	15.3	10.4	10.8	17.0	20.4	26.5	31.1	42.5	62.0	31.8	
	Other nonoperating revenues	8.3	10.5	18.0	26.8	25.8	20.9	13.3	17.1	14.6	14.5	17.1	
	<b>Total ordinary revenues</b>	<b>4,826.9</b>	<b>4,760.4</b>	<b>4,851.7</b>	<b>4,978.7</b>	<b>5,057.9</b>	<b>5,265.8</b>	<b>5,683.3</b>	<b>4,852.7</b>	<b>5,203.5</b>	<b>5,184.3</b>	<b>5,818.5</b>	
Expenses	Operating expenses	4,296.2	4,262.3	4,287.7	4,404.3	4,519.1	5,129.3	5,620.6	4,554.5	4,789.6	5,426.9	6,034.9	
	Electric utility operating expenses	4,282.2	4,231.5	4,231.8	4,325.0	4,426.2	5,075.0	5,532.6	4,487.5	4,710.4	5,319.3	5,929.7	
	Hydroelectric power generation expenses	95.0	91.0	96.2	98.0	101.6	94.1	89.9	86.5	89.7	78.7	79.4	
	Thermal power generation expenses	1,099.1	1,252.2	1,141.4	1,315.3	1,311.5	2,032.1	2,365.4	1,462.4	1,712.2	2,509.4	2,988.3	
	Nuclear power generation expenses	521.3	464.3	582.8	556.1	584.3	536.6	469.4	492.3	518.6	428.7	429.6	
	Internal combustion engine power generation expenses	5.9	7.7	7.5	9.8	7.1	7.0	9.8	7.2	7.5	75.8	87.1	
	Renewable energy generation expenses	-	-	-	-	-	-	-	0.3	0.6	0.8	1.3	
	Power purchased from other electric utilities etc.	619.8	637.1	600.8	629.3	650.6	773.1	842.5	722.4	703.5	780.8	865.3	
	Transmission expenses	400.1	384.4	382.5	386.8	387.2	378.4	358.6	356.4	350.8	333.0	329.1	
	Transformation expenses	211.8	197.8	194.6	184.7	180.8	171.9	163.2	159.6	161.9	142.5	142.4	
	Distribution expenses	495.5	481.2	500.4	479.8	482.8	485.8	473.1	476.5	480.2	425.2	449.8	
	Selling expenses	192.6	191.8	193.5	191.7	196.5	196.4	187.4	188.9	189.2	149.5	139.4	
	General and administrative expenses	459.1	346.8	349.1	293.7	342.9	220.8	393.7	369.8	321.3	232.0	217.5	
	Payment stipulated by the Act on Purchase of Renewable Energy Sourced Electricity by Electric Utilities	-	-	-	-	-	-	-	-	-	-	-	32.2
	Electric power development promotion tax	126.1	121.6	124.5	118.9	119.0	115.4	111.9	108.8	114.8	104.9	105.5	
	Enterprise tax	55.7	54.4	55.7	56.8	57.2	58.5	63.0	52.5	56.4	54.6	61.9	
	Other operating expenses	-0.4	0.8	2.3	3.5	4.1	4.2	4.2	3.1	3.0	2.6	0.1	
	Incidental business operating expenses	13.9	30.7	55.8	79.3	92.8	54.3	87.9	66.9	79.1	107.5	105.2	
	(Operating income)	512.2	472.2	535.4	536.7	495.9	95.0	22.7	249.9	356.6	-319.1	-265.5	
	Nonoperating expenses	249.9	193.6	179.4	177.1	166.7	158.4	152.9	139.5	142.8	165.7	161.2	
Financial expenses	206.9	169.8	157.1	154.6	149.2	145.2	136.6	130.5	127.4	127.2	122.1		
Other nonoperating expenses	42.9	23.7	22.3	22.5	17.5	13.2	16.2	9.0	15.3	38.5	39.0		
	<b>Total ordinary expenses</b>	<b>4,546.1</b>	<b>4,455.9</b>	<b>4,467.2</b>	<b>4,581.5</b>	<b>4,685.8</b>	<b>5,287.8</b>	<b>5,773.5</b>	<b>4,694.0</b>	<b>4,932.4</b>	<b>5,592.7</b>	<b>6,196.1</b>	
	<b>Ordinary income</b>	<b>280.8</b>	<b>304.4</b>	<b>384.5</b>	<b>397.2</b>	<b>372.0</b>	<b>-22.0</b>	<b>-90.1</b>	<b>158.6</b>	<b>271.0</b>	<b>-408.3</b>	<b>-377.6</b>	
	Water shortage reserve appropriated or drawn down	-1.7	7.5	7.7	-3.2	5.9	-5.0	-3.8	-8.4	3.8	0.9	-9.8	
	Reversal of or provision for the reserve for depreciation of nuclear plants construction	-	-	-	-	-	-	-	-	2.2	1.4	1.0	
	Extraordinary profits	-	-	-	12.4	60.7	18.6	-	-	-	2,517.4	892.3	
	Extraordinary loss	41.6	41.9	-	12.0	-	267.1	70.3	-	1,074.2	2,865.1	1,217.7	
	Income before income taxes	240.9	254.9	376.7	400.8	426.8	-265.5	-156.6	167.0	-809.2	-758.4	-694.3	
	Income taxes	87.8	103.1	131.9	140.0	164.6	-87.9	-43.5	64.7	449.2	0.0	0.0	
	Income taxes - current	125.5	88.0	133.6	129.9	179.3	0.2	0.0	0.0	0.0	0.0	0.0	
	Income taxes - deferred	-37.7	15.1	-1.7	10.0	-14.6	-88.1	-43.5	64.7	449.2	-	-	
	Net income	153.0	151.8	244.8	260.8	262.1	-177.6	-113.1	102.3	-1,258.5	-758.4	-694.3	
	Retained earnings brought forward	148.3	149.1	149.7	150.4	-	-	-	-	-	-	-	
	Interim cash dividends paid	40.5	40.5	40.5	40.5	-	-	-	-	-	-	-	
	Transfer to earned reserve	-	-	-	-	-	-	-	-	-	-	-	
	Unappropriated retained earnings	260.8	260.4	353.9	370.7	-	-	-	-	-	-	-	

- Notes:
- Figures are rounded down to the nearest 0.1 billion.
  - Since FY2009, Renewable energy generation expenses have been booked as a separate item to comply with the amended Accounting Rules for Electricity Business.
  - Since FY2012, grant and payment stipulated by the Act on Purchase of Renewable Energy Sourced Electricity by Electric Utilities have been booked as a separate item to comply with the amended Accounting Rules for Electricity Business.



## (2) Consolidated

(Unit: billion yen)

FY		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Revenues	Operating revenues	4,919.1	4,853.8	5,047.2	5,255.4	5,283.0	5,479.3	5,887.5	5,016.2	5,368.5	5,349.4	5,976.2
	Electric utility operating revenues	4,801.3	4,722.1	4,797.6	4,895.5	4,952.3	5,168.5	5,553.7	4,732.7	5,064.6	4,995.6	5,660.0
	Other operating revenues	117.7	131.7	249.5	359.9	330.7	310.8	333.8	283.4	303.9	353.8	316.1
	Nonoperating revenues	20.8	24.2	38.8	52.5	67.0	69.7	63.5	73.1	76.3	52.1	61.5
	Equity-method investment income	-	-	1.1	5.3	13.6	9.1	13.8	12.6	16.0	-	12.6
	Other nonoperating revenues	20.8	24.2	37.7	47.2	53.3	60.5	49.6	60.5	60.2	52.1	48.9
	<b>Total ordinary revenues</b>	<b>4,939.9</b>	<b>4,878.0</b>	<b>5,086.0</b>	<b>5,308.0</b>	<b>5,350.0</b>	<b>5,549.1</b>	<b>5,951.0</b>	<b>5,089.4</b>	<b>5,444.8</b>	<b>5,401.5</b>	<b>6,037.8</b>
Expenses	Operating expenses	4,397.7	4,364.8	4,480.9	4,679.2	4,732.1	5,342.9	5,820.6	4,731.8	4,968.9	5,621.9	6,198.2
	Electric utility operating expenses	4,264.0	4,211.9	4,207.7	4,296.9	4,398.1	5,055.8	5,513.6	4,472.0	4,695.1	5,309.1	5,914.9
	Other operating expenses	133.6	152.8	273.1	382.3	333.9	287.0	307.0	259.8	273.7	312.7	283.2
	(Operating income)	(521.4)	(489.0)	(566.3)	(576.2)	(550.9)	(136.4)	(66.9)	(284.4)	(399.6)	(-272.5)	(-221.9)
	Nonoperating expenses	271.1	205.5	196.9	201.8	176.6	173.0	165.1	153.2	158.2	180.0	166.5
	Equity-method investment loss	13.3	16.5	-	-	-	-	-	-	-	6.4	-
	Other nonoperating expenses	257.7	189.0	196.9	201.8	176.6	173.0	165.1	153.2	158.2	173.5	166.5
<b>Total ordinary expenses</b>	<b>4,668.8</b>	<b>4,570.3</b>	<b>4,677.8</b>	<b>4,881.0</b>	<b>4,908.7</b>	<b>5,516.0</b>	<b>5,985.7</b>	<b>4,885.1</b>	<b>5,127.1</b>	<b>5,802.0</b>	<b>6,364.7</b>	
<b>Ordinary income</b>	<b>271.1</b>	<b>307.7</b>	<b>408.2</b>	<b>426.9</b>	<b>441.2</b>	<b>33.1</b>	<b>-34.6</b>	<b>204.3</b>	<b>317.6</b>	<b>-400.4</b>	<b>-326.9</b>	
Water shortage reserve appropriated or drawn down	-1.7	7.6	7.7	-3.2	5.9	-5.0	-3.8	-8.4	3.8	0.9	-9.8	
Reversal of or provision for the reserve for depreciation of nuclear plants construction	-	-	-	-	-	-	-	-	2.2	1.4	1.0	
Extraordinary profits	-	-	-	51.1	60.7	18.6	-	10.7	-	2,516.8	913.9	
Extraordinary loss	7.6	44.8	27.6	7.5	-	269.2	68.8	-	1,077.6	2,867.8	1,248.8	
<b>Income before income taxes and minority interests</b>	<b>265.1</b>	<b>255.3</b>	<b>372.8</b>	<b>473.8</b>	<b>496.0</b>	<b>-212.4</b>	<b>-99.5</b>	<b>223.4</b>	<b>-766.1</b>	<b>-753.7</b>	<b>-653.0</b>	
Income taxes - current	134.1	98.3	146.2	146.3	202.8	17.5	18.5	20.1	18.4	19.0	26.3	
Income taxes - deferred	-33.4	8.6	-0.6	13.3	-8.9	-82.6	-37.2	66.5	459.9	3.7	2.3	
Minority interests	-0.8	-1.2	1.0	3.7	4.0	2.7	3.5	2.9	2.7	5.0	3.5	
<b>Net income</b>	<b>165.2</b>	<b>149.5</b>	<b>226.1</b>	<b>310.3</b>	<b>298.1</b>	<b>-150.1</b>	<b>-84.5</b>	<b>133.7</b>	<b>-1,247.3</b>	<b>-781.6</b>	<b>-685.2</b>	

Note: Figures are rounded down to the nearest 0.1 billion.

#### 4. Summary of Non-Consolidated Financial Results

(Unit: billion yen)

FY		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Operating Revenues	Residential	1,955.5	1,909.4	1,976.8	2,022.4	1,983.4	2,096.2	2,207.8	2,008.6	2,167.8	2,133.4	2,335.1
	Commercial and industrial	2,729.7	2,688.7	2,660.4	2,659.5	2,721.1	2,818.4	3,088.1	2,495.9	2,628.7	2,620.6	3,040.3
	(Subtotal)	(4,685.2)	(4,598.1)	(4,637.2)	(4,682.0)	(4,704.6)	(4,914.7)	(5,295.9)	(4,504.5)	(4,796.5)	(4,754.0)	5,375.4
	Other	141.7	162.3	214.5	296.7	353.3	351.0	387.3	348.1	406.9	430.2	443.0
	(Total)	(4,826.9)	(4,760.4)	(4,851.7)	(4,978.7)	(5,057.9)	(5,265.8)	(5,683.3)	(4,852.7)	(5,203.5)	(5,184.3)	(5,818.5)
Operating Expenses	Personnel	544.2	445.1	454.4	401.0	458.9	337.7	483.4	481.3	431.1	366.8	345.8
	Fuel	782.6	905.8	822.4	1,040.0	1,062.7	1,755.1	2,078.7	1,192.6	1,482.1	2,286.9	2,788.5
	Maintenance	406.2	411.4	472.7	469.3	459.0	432.1	381.3	373.9	412.0	278.8	349.0
	Depreciation	882.8	845.0	785.9	753.4	704.5	726.2	708.6	709.8	655.6	645.5	593.1
	Purchased power	619.8	637.1	600.8	629.3	650.6	773.1	842.5	722.4	703.5	780.8	865.3
	Interest	203.9	167.9	156.3	153.7	148.0	143.0	134.6	129.5	124.4	127.2	119.4
	Taxes other than income taxes	348.6	338.9	343.9	336.4	337.0	330.2	327.3	312.8	325.9	303.2	309.5
	Nuclear power back-end costs					195.5	164.5	132.9	138.5	147.4	105.1	71.9
	Other	757.6	704.4	830.4	798.0	669.2	625.4	683.7	632.8	649.9	697.8	753.1
	(Total)	(4,546.1)	(4,455.9)	(4,467.2)	(4,581.5)	(4,685.8)	(5,287.8)	(5,773.5)	(4,694.0)	(4,932.4)	(5,592.7)	6,196.1
Ordinary income		280.8	304.4	384.5	397.2	372.0	-22.0	-90.1	158.6	271.0	-408.3	-377.6
Water shortage reserved		-1.7	7.5	7.7	-3.2	5.9	-5.0	-3.8	-8.4	3.8	0.9	-9.8
Reserve for depreciation of nuclear plants construction		-	-	-	-	-	-	-	-	2.2	1.4	1.0
Extraordinary profits		-	-	-	12.4	60.7	18.6	-	-	-	2,517.4	892.3
Extraordinary loss		41.6	41.9	-	12.0	-	267.1	70.3	-	1,074.2	2,865.1	1,217.7
Income taxes - current		125.5	88.0	133.6	129.9	179.3	0.2	0.0	0.0	0.0	0.0	0.0
Income taxes - deferred		-37.7	15.1	-1.7	10.0	-14.6	-88.1	-43.5	64.7	449.2	-	-
Net Income		153.0	151.8	244.8	260.8	262.1	-177.6	-113.1	102.3	-1,258.5	-758.4	-694.3

Notes: 1. Figures are rounded down to the nearest 0.1 billion.

2. Since FY2006, the "nuclear power back-end cost" (reprocessing costs of irradiated nuclear fuel, costs for preparation of reprocessing of irradiated nuclear fuel, disposal costs of high-level radioactive wastes, decommissioning costs of nuclear power units) included in "Other" has been described separately.

## 5. Consolidated Statements of Cash Flow

(Unit: billion yen)

FY	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Cash flows from operating activities:</b>											
Income before income taxes and minority interest	265.1	255.3	372.8	473.8	496.0	-212.4	-99.5	223.4	-766.1	-753.7	-653.0
Depreciation and amortization	922.3	889.9	847.5	824.0	751.6	772.4	757.0	759.3	702.1	686.5	621.0
Loss on modification of nuclear fuel processing contract	-	-	-	-	-	-	-	-	-	-	15.5
Decommissioning costs of nuclear power units	-	-	-	-	-	-	-	-	20.8	6.9	7.1
Loss on impairment of fixed assets	-	44.8	-	-	-	-	12.2	-	-	-	12.1
Loss on nuclear fuel	48.2	20.1	47.3	49.6	55.5	33.4	31.6	37.1	39.5	12.3	-
Loss on disposal of property plant and equipment	32.8	32.4	33.2	34.1	45.3	24.0	23.1	22.9	29.1	33.7	25.0
Extraordinary loss on disaster	-	-	-	-	-	-	-	-	1,020.4	-	-
Loss of Adjustment based on the accounting standard for asset retirement obligations	-	-	-	-	-	-	-	-	57.1	-	-
Increase/decrease in provision for accrued employees' retirement benefits (*1)	63.7	-66.1	-39.2	-65.6	3.7	-14.4	-0.8	-7.4	11.8	0.0	-7.2
Provision for reprocessing of irradiated nuclear fuel	65.6	22.8	111.7	-	-	-	-	-	-	-	-
Increase/decrease in reserve for reprocessing of irradiated nuclear fuel (*1)	-	-	-	9.6	17.5	-32.1	-15.8	-17.6	-17.2	-30.0	-54.1
Increase/decrease in reserve for future reprocessing of irradiated nuclear fuel (*1)	-	-	-	-	17.9	2.6	6.4	9.3	8.6	3.3	2.3
Increase/decrease in provision for decommissioning costs of nuclear power units (*1)	15.6	1.6	3.5	21.3	16.5	82.1	16.2	18.5	-	-	-
Increase/decrease in reserve for casualty loss from natural disaster(*1)	-	-	-	-	-	164.5	3.6	-75.3	-36.3	285.1	28.5
Interest revenue and dividends received	-8.8	-8.3	-9.7	-11.1	-19.0	-29.3	-31.2	-27.8	-30.9	-29.2	-24.1
Interest expense	206.7	170.4	164.5	161.3	154.7	149.3	140.1	134.0	127.9	129.9	120.0
Gain on exchange of stock due to merger of subsidiary removed from consolidation	-	-	-	-51.1	-	-	-	-	-	-	-
Gain on business transfer	-	-	-	-	-60.7	-	-	-	-	-	-
Equity-method investment profit or loss ("-" denotes investment gain)	-	-	-	-	-	-	-13.8	-12.6	-16.0	6.4	-12.6
Grants-in-aid from Nuclear Damage Liability Facilitation Fund	-	-	-	-	-	-	-	-	-	-2,426.2	-696.8
Compensation for nuclear damages	-	-	-	-	-	-	-	-	-	2,524.9	1,161.9
Gain on sales of noncurrent assets	-	-	-	-	-	-	-	-	-	-41.6	-115.2
Loss on sales of noncurrent assets	-	-	-	-	-	-	-	-	-	-	18.9
Gain on sales of securities	-	-	-	-	-	-	-	-	-	-28.8	-3.6
Loss on sales of securities	-	-	-	-	-	-	-	-	-	-	40.4
Gain on sales of stocks of subsidiaries and affiliates	-	-	-	-	-	-	-	-	-	-	-20.1
Loss on sales of stocks of subsidiaries and affiliates	-	-	-	-	-	-	-	-	-	-	4.7
Increase/decrease in reverse fund for reprocessing of irradiated nuclear fuel (*2)	-	-	-	-262.2	-84.2	-171.4	-149.5	-156.9	-158.2	-143.3	55.1
Increase/decrease in long-term prepaid expenses (*2)	-	-	-	-	-	-105.4	61.5	-	-	-	-
Increase/decrease in trade receivables (*2)	32.9	11.3	-12.2	-18.1	-24.4	-7.5	-42.8	81.0	-11.5	-74.5	-46.0
Increase/decrease in inventory assets (*2)	-	-	-	-	-	-	19.1	-	-	-	-
Increase/decrease in accounts payable (*1)	91.7	19.0	38.8	91.8	33.2	235.9	-114.0	66.9	-5.8	91.7	33.1
Other	24.3	25.2	121.0	-2.2	-31.1	-31.4	36.9	55.4	132.9	-140.4	-27.2
<b>Sub total</b>	<b>1,760.5</b>	<b>1,418.8</b>	<b>1,679.4</b>	<b>1,255.2</b>	<b>1,372.6</b>	<b>860.3</b>	<b>640.2</b>	<b>1,110.6</b>	<b>1,108.3</b>	<b>137.9</b>	<b>436.0</b>
Receipt of interest and cash dividends	4.2	4.6	8.2	6.8	14.3	23.9	27.8	29.3	31.4	20.7	25.9
Interest paid	-217.3	-175.0	-165.3	-163.8	-157.7	-150.5	-141.4	-137.8	-128.1	-128.6	-122.3
Payments for loss on disaster due to the Tohoku-Chihou-Taiheiyou-Okai Earthquake	-	-	-	-	-	-	-	-	-	-234.5	-162.9
Receipts of Grants-in-aid from Nuclear Damage Liability Facilitation Fund	-	-	-	-	-	-	-	-	-	663.6	1,567.7
Receipt of compensation based on the Contract for Indemnification of Nuclear Damage Compensation	-	-	-	-	-	-	-	-	-	120.0	-
Payments for nuclear damage compensation	-	-	-	-	-	-	-	-	-	-566.2	-1,476.3
Income taxes paid or refund ("-" denotes tax paid)	-141.1	-100.8	-110.8	-162.6	-155.6	-223.8	72.4	-13.8	-23.0	-15.7	-7.1
<b>Net cash provided by operating activities</b>	<b>1,406.3</b>	<b>1,147.5</b>	<b>1,411.4</b>	<b>935.6</b>	<b>1,073.6</b>	<b>509.8</b>	<b>599.1</b>	<b>988.2</b>	<b>988.7</b>	<b>-2.8</b>	<b>260.8</b>
<b>Cash flows from investing activities:</b>											
Purchase of property, plant and equipment	-828.2	-659.8	-561.4	-618.4	-544.1	-671.0	-661.4	-633.6	-661.8	-730.3	-656.8
Proceeds from sales of noncurrent assets	-	-	-	-	-	-	-	-	-	54.4	160.8
Receipt of contributions in aid of construction	27.5	13.6	16.6	10.9	25.1	19.0	12.4	25.6	15.9	11.9	5.8
Increase in investments	-38.3	-22.1	-21.5	-16.8	-32.1	-57.8	-17.7	-52.1	-358.0	-23.9	-100.2
Proceeds from investments	2.0	2.0	31.2	21.3	23.6	6.9	29.9	12.8	217.7	352.5	114.5
Payments for purchases of subsidiaries net of cash acquired	-	-17.4	-30.7	-14.3	-	-0.9	-0.9	-	-	-	-
Proceeds from purchases of subsidiaries net of cash paid	-	9.5	0.4	-	0.1	2.3	-	-	-	-	-
Payments for sale of subsidiaries stocks	-	-	-	-	-	-0.8	-	-	-	-	-
Proceeds from sale of subsidiaries stocks	-	-	-	-	-	3.4	-	-	-	5.2	41.4
Decrease due to merger of certain subsidiaries with an exclusion	-	-	-	-44.9	-	-	-	-	-	-	-
Proceeds from sale of equity in subsidiaries	-	-	-	-	0.9	-	-	-	-	-	-
Decrease due to disposal of consolidated subsidiaries	-	-	-	-	-	-0.3	-	-	-	-	-
Decrease due to business transfer	-	-	-	-	-3.9	-	-	-	-	-	-
Proceeds from sale of subsidiaries	-	-	-	-	-	-	-	37.6	-	-	-
Increase in time deposits	-	-	-	-	-	-	-	-	-	-58.7	-656.6
Decrease in time deposits	-	-	-	-	-	-	-	-	-	63.6	452.3
Other	-26.7	-19.5	-11.9	46.9	-19.8	12.7	-17.5	10.4	-5.7	-9.9	2.0
<b>Net cash used in investing activities</b>	<b>-863.7</b>	<b>-693.8</b>	<b>-577.5</b>	<b>-615.3</b>	<b>-550.1</b>	<b>-686.2</b>	<b>-655.3</b>	<b>-599.2</b>	<b>-791.9</b>	<b>-335.1</b>	<b>-636.6</b>
<b>Cash flows from Financing Activities:</b>											
Proceeds from issuance of bonds	800.8	534.5	252.1	249.1	327.9	747.7	658.0	239.3	234.2	-	728.3
Payment for Redemption of bonds	-710.3	-462.5	-124.3	-405.9	-729.0	-693.3	-598.0	-427.8	-430.2	-548.9	-750.2
Proceeds from long-term loans	87.5	147.6	96.4	98.0	194.7	426.9	540.4	322.0	2,076.6	126.0	265.5
Repayment of long-term loans	-549.8	-393.3	-432.1	-315.7	-361.0	-252.7	-282.0	-356.1	-357.3	-218.3	-175.8
Proceeds from short-term loans	1,447.4	1,377.4	1,075.8	906.5	834.2	815.3	859.5	721.8	744.7	989.3	767.7
Repayment of short-term loans	-1,375.2	-1,563.2	-1,215.5	-935.8	-823.8	-788.5	-851.2	-749.7	-701.8	-952.6	-1,198.5
Proceeds from issuance of commercial paper	2,024.0	2,299.0	1,365.0	1,020.0	889.0	1,487.0	1,555.0	730.0	40.0	-	-
Payment for Redemption of commercial paper	-2,216.0	-2,309.0	-1,720.0	-885.0	-764.0	-1,452.0	-1,615.0	-900.0	-105.0	-	-
Proceeds from issuance of common stock	-	-	-	-	-	-	-	-	446.8	-	997.4
Cash dividends paid	-80.9	-80.9	-80.9	-80.8	-80.9	-101.0	-80.9	-80.8	-80.8	-	-
Other	-1.1	-1.0	-2.0	-0.4	-2.0	-1.2	-1.3	6.1	-7.7	-10.2	-1.9
<b>Net cash used in financing activities</b>	<b>-573.7</b>	<b>-451.3</b>	<b>-785.6</b>	<b>-350.1</b>	<b>-514.8</b>	<b>188.2</b>	<b>194.4</b>	<b>-495.0</b>	<b>1,859.5</b>	<b>-614.7</b>	<b>632.5</b>
<b>Effect of exchange rate changes on cash and cash equivalents</b>	<b>0.9</b>	<b>-2.0</b>	<b>0.6</b>	<b>2.2</b>	<b>0.4</b>	<b>-0.6</b>	<b>-4.6</b>	<b>0.4</b>	<b>-3.2</b>	<b>0.3</b>	<b>3.9</b>
<b>Net increase/decrease in cash and cash equivalents (*1)</b>	<b>-30.3</b>	<b>0.3</b>	<b>48.9</b>	<b>-27.6</b>	<b>9.1</b>	<b>11.2</b>	<b>133.5</b>	<b>-105.5</b>	<b>2,053.1</b>	<b>-952.3</b>	<b>260.6</b>
<b>Cash and cash equivalents at beginning of the year</b>	<b>113.4</b>	<b>83.1</b>	<b>83.4</b>	<b>132.4</b>	<b>104.7</b>	<b>113.9</b>	<b>125.1</b>	<b>258.7</b>	<b>153.1</b>	<b>2,206.2</b>	<b>1,253.8</b>
<b>Cash and cash equivalents at end of the year</b>	<b>83.1</b>	<b>83.4</b>	<b>132.4</b>	<b>104.7</b>	<b>113.9</b>	<b>125.1</b>	<b>258.7</b>	<b>153.1</b>	<b>2,206.2</b>	<b>1,253.8</b>	<b>1,514.5</b>

\*1: "-" denotes a decrease

\*2: "-" denotes an increase

Notes: 1. Figures are rounded down to the nearest 0.1 billion.

2. In the consolidated accounting, "Proceeds from sales of noncurrent assets" had been listed separately Since FY2011 due to their increased financial importance.

## 6. Changes in Ordinary Income

### (1) Non-Consolidated

(Unit: billion yen)

FY1975	First half	32.3	FY1993	159.9
	Second half	33.7	FY1994	208.9
FY1976	First half	35.3	FY1995	167.5
	Second half	68.3	FY1996	142.5
FY1977	First half	69.5	FY1997	217.3
	Second half	78.3	FY1998	207.9
FY1978		167.4	FY1999	345.9
FY1979		-27.4	FY2000	320.0
FY1980		274.5	FY2001	319.5
FY1981		94.4	FY2002	280.8
FY1982		195.4	FY2003	304.4
FY1983		256.8	FY2004	384.5
FY1984		217.9	FY2005	397.2
FY1985		343.9	FY2006	372.0
FY1986		444.0	FY2007	-22.0
FY1987		341.8	FY2008	-90.1
FY1988		275.3	FY2009	158.6
FY1989		184.9	FY2010	271.0
FY1990		128.2	FY2011	-408.3
FY1991		146.8	FY2012	-377.6
FY1992		158.3		

### (2) Consolidated

(Unit: billion yen)

FY1994	212.0	FY2004	408.2
FY1995	169.2	FY2005	426.9
FY1996	146.5	FY2006	441.2
FY1997	222.3	FY2007	33.1
FY1998	219.2	FY2008	-34.6
FY1999	350.0	FY2009	204.3
FY2000	330.9	FY2010	317.6
FY2001	342.8	FY2011	-400.4
FY2002	271.1	FY2012	-326.9
FY2003	307.7		

## 7. Changes in Capital

(Unit: 1,000 yen)

Date	Increased Capital	Capital	Remarks
May 1, 1951		1,460,000	Incorporation
Dec. 15, 1952	2,920,000	4,380,000	1 : 2 paid-in capital increase
Jan. 31, 1953	1,460,000	5,840,000	3 : 1 gratis capital increase
Dec. 19, 1953	2,920,000	8,760,000	2 : 1 paid-in and gratis combined capital increase
Dec. 13, 1954	4,380,000	13,140,000	2 : 1 paid-in and gratis combined capital increase
Oct. 1, 1957	6,860,000	20,000,000	2 : 1 paid-in and gratis combined capital increase 580,000 shares: public offering
Oct. 1, 1958	10,000,000	30,000,000	2 : 1 paid-in and gratis combined capital increase
Oct. 1, 1959	15,000,000	45,000,000	2 : 1 paid-in and gratis combined capital increase
Oct. 1, 1960	15,000,000	60,000,000	3 : 1 paid-in and gratis combined capital increase
Oct. 16, 1961	30,000,000	90,000,000	2 : 1 paid-in and gratis combined capital increase
Apr. 1, 1963	30,000,000	120,000,000	3 : 1 paid-in and gratis combined capital increase
Apr. 1, 1966	30,000,000	150,000,000	4 : 1 paid-in and gratis combined capital increase
Jul. 2, 1968	37,500,000	187,500,000	4 : 1 paid-in and gratis combined capital increase
Jul. 2, 1970	46,875,000	234,375,000	4 : 1 paid-in and gratis combined capital increase
Sep. 11, 1972	9,375,000	243,750,000	Partial capitalization of the revaluation reserve stated stock
Mar. 30, 1973	56,250,000	300,000,000	5 : 1 paid-in and gratis combined capital increase 37,500,000 shares: public offering
Jun. 16, 1974	3,000,000	303,000,000	1 : 0.01 gratis capital increase
Dec. 13, 1974	3,030,000	306,030,000	1 : 0.01 gratis capital increase
Jun. 17, 1975	3,060,300	309,090,300	1 : 0.01 gratis capital increase
Jul. 2, 1975	91,809,000	400,899,300	1 : 0.3 paid-in and gratis combined capital increase
Jul. 15, 1976	4,008,993	404,908,293	1 : 0.01 gratis capital increase
Oct. 1, 1976	1,707	404,910,000	3,414 shares: public offering(fractions adjusted)
Jan. 14, 1977	4,049,100	408,959,100	1 : 0.01 gratis capital increase
Jul. 2, 1978	101,040,900	510,000,000	1 : 0.2 paid-in capital increase 38,498,160 shares: public offering
Jul. 13, 1980	10,200,000	520,200,000	1 : 0.02 gratis capital increase
Oct. 1, 1981	129,800,000	650,000,000	1 : 0.2 paid-in capital increase 51,520,000 shares: public offering
Nov. 20, 1986	6,500,000	656,500,000	1 : 0.01 gratis capital increase
Mar. 1, 1989 – Mar. 31, 1989	496	656,500,496	Conversions of convertible bonds
Apr. 1, 1989 – Mar. 31, 1990	611,977	657,112,473	Conversions of convertible bonds
Apr. 1, 1990 – May 21, 1990	37,995	657,150,469	Conversions of convertible bonds
May 22, 1990	13,131,628	670,282,097	1 : 0.02 gratis capital increase
May 22, 1990 – Mar. 31, 1991	128,486	670,410,584	Conversions of convertible bonds
Apr. 1, 1991 – Mar. 31, 1992	3,991	670,414,576	Conversions of convertible bonds
Apr. 1, 1993 – Mar. 31, 1994	497	670,415,073	Conversions of convertible bonds
Apr. 1, 1994 – Mar. 31, 1995	497	670,415,571	Conversions of convertible bonds
Nov. 20, 1995	6,018,125	676,433,697	Partial capitalization of the capital reserve to stated stock 1 → 1.01 stock split (partial gratis capital increase)
Apr. 1, 2000 – Mar. 31, 2001	500	676,434,197	Conversions of convertible bonds
Oct. 19, 2010	201,111,105	877,545,302	227,630,000 shares: public offering
Nov. 1, 2010	23,430,420	900,975,722	26,520,000 shares: third party allotment
Jul. 31, 2012	1,000,000,000	1,400,975,722	1,940,000,000 shares: third party allotment ( 1,600,000,000 shares: class A preferred shares 340,000,000 shares: class B preferred shares )

Note: The above way of indicating a capital increase ratio has been adopted since 1974 in compliance with the directions from the Tokyo Stock Exchange.

8. Changes in Numbers of Shareholders and Shares  
(including shareholders and shares less than one unit)

At the End of FY	1951	1955	1965	1975	1985	1990	1995	2000	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Total Number of Shareholders</b> (persons)	86,538	107,508	201,853	353,853	384,401	760,579	860,249	817,810	821,841	801,025	757,030	811,725	793,488	794,653	933,031	898,831	867,704
<b>Individual Shareholders</b> (persons)	85,506	105,448	199,118	351,103	380,157	751,212	851,756	810,991	815,679	794,956	751,185	805,673	787,440	788,842	926,153	892,589	861,761
(Ratio, %)	(98.8)	(98.1)	(98.6)	(99.2)	(98.9)	(98.8)	(99.0)	(99.2)	(99.3)	(99.2)	(99.2)	(99.3)	(99.2)	(99.3)	(99.3)	(99.3)	(99.3)
<b>Total Number of Shares</b> (in 10 thousand shares)	292	2,628	24,000	80,179	130,000	133,947	135,286	135,286	135,286	135,286	135,286	135,286	135,286	135,286	160,701	160,701	354,701
<b>Shares Owned by Individual Shareholders</b> (in 10 thousand shares)	126	1,363	9,082	33,303	38,907	43,787	48,169	46,778	51,358	49,796	45,009	49,756	48,936	51,235	70,269	85,767	88,971
(Ratio, %)	(43.4)	(51.9)	(37.8)	(41.5)	(29.9)	(32.7)	(35.6)	(34.6)	(38.0)	(36.8)	(33.3)	(36.8)	(36.2)	(37.9)	(43.7)	(53.4)	(25.1)
<b>Capital (billion yen)</b>	1.4	13.1	120.0	400.8	650.0	670.4	676.4	676.4	676.4	676.4	676.4	676.4	676.4	676.4	900.9	900.9	1,400.9

<Reference> Comparison with Other Industries in terms of Ratio of Individual Shareholders and Ratio of Individual Stock Ownership (per unit)

(As of the end of March 2013)

Branches of Industry (all listed companies)	Ratio of Individual Shareholders (%)	Ratio of Individual Stock Ownership (%)
TEPCO	99.3	24.9
Iron and Steel	98.0	21.8
Machinery	97.1	27.9
All Industries	97.3	29.5

Note: The figures for other industries were taken from the report of "FY2011 Share-ownership Survey" (conducted jointly by the Tokyo Stock Exchange and other organizations).

<Reference> Current Distribution of Shares (per unit) by Owners

- Common shares (Share trading unit: 100 shares)

(As of the end of March 2013)

	Central and Local Governments	Domestic Corporations	Foreign Corporations, etc.	Individuals and Others	Total
Number of Shareholders (persons)	31	3,635	918	660,388	664,972
(Ratio, %)	(0.0)	(0.6)	(0.1)	(99.3)	(100.0)
Number of Shares Held (in hundred shares)	434,007	4,016,653	2,691,693	8,860,144	16,002,497
(Ratio, %)	(2.7)	(25.1)	(16.8)	(55.4)	(100.0)

- Class A preferred shares (Share trading unit: 100 shares)

(As of the end of March 2013)

	Central and Local Governments	Domestic Corporations	Foreign Corporations, etc.	Individuals and Others	Total
Number of Shareholders (persons)	-	1	-	-	1
(Ratio, %)	(-)	(100.0)	(-)	(-)	(100.0)
Number of Shares Held (in hundred shares)	-	16,000,000	-	-	16,000,000
(Ratio, %)	(-)	(100.0)	(-)	(-)	(100.0)

- Class B preferred shares (Share trading unit: 100 shares)

(As of the end of March 2013)

	Central and Local Governments	Domestic Corporations	Foreign Corporations, etc.	Individuals and Others	Total
Number of Shareholders (persons)	-	1	-	-	1
(Ratio, %)	(-)	(100.0)	(-)	(-)	(100.0)
Number of Shares Held (in hundred shares)	-	3,400,000	-	-	3,400,000
(Ratio, %)	(-)	(100.0)	(-)	(-)	(100.0)

<Reference> Major Shareholders (top 10 shareholders)

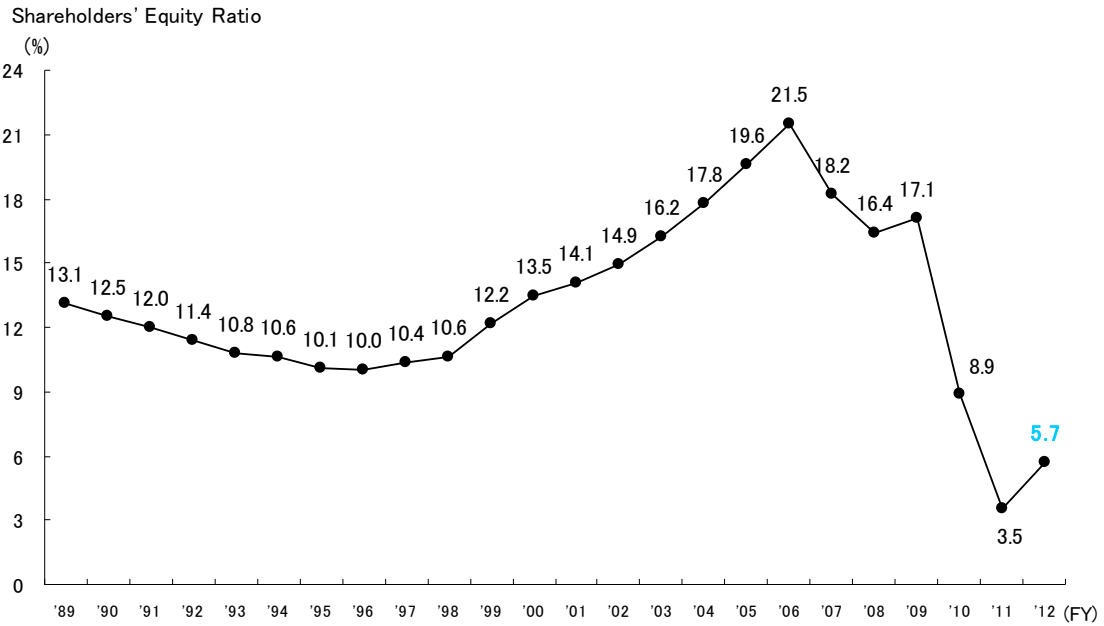
(As of the end of March 2013)

Shareholder Name	Number of Shares Held (in thousand share units)	Equity Share (%)
Nuclear Damage Liability Facilitation Fund	1,940,000	54.69
TEPCO Employees' Stock Sharing Organization	49,670	1.40
Tokyo Metropolitan Government	42,676	1.20
Sumitomo Mitsui Banking Corporation	35,927	1.01
The Master Trust Bank of Japan, Ltd. (Shintaku account)	33,184	0.94
Nippon Life Insurance Co.	26,400	0.74
Mizuho Corporate Bank, Ltd.	23,791	0.67
Japan Trustee Services Bank, Ltd. (Shintaku account)	22,667	0.64
SSBT OD05 OMNIBUS ACCOUNT - TREATY CLIENTS	15,657	0.44
Japan Trustee Services Bank, Ltd. (Shintaku account 1)	15,182	0.43
<b>Total</b>	<b>2,205,157</b>	<b>62.17</b>

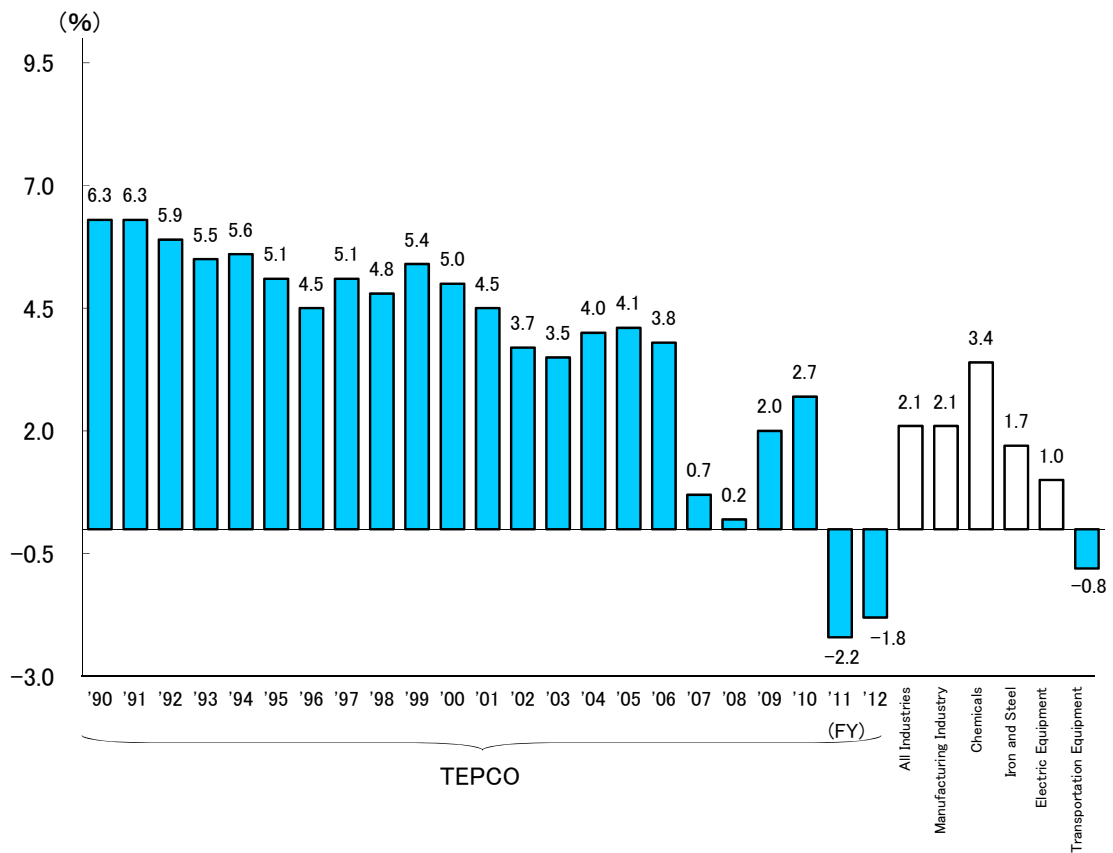
Note: Fractions smaller than one thousand shares are rounded down.



### 9. Changes in Shareholders' Equity Ratio



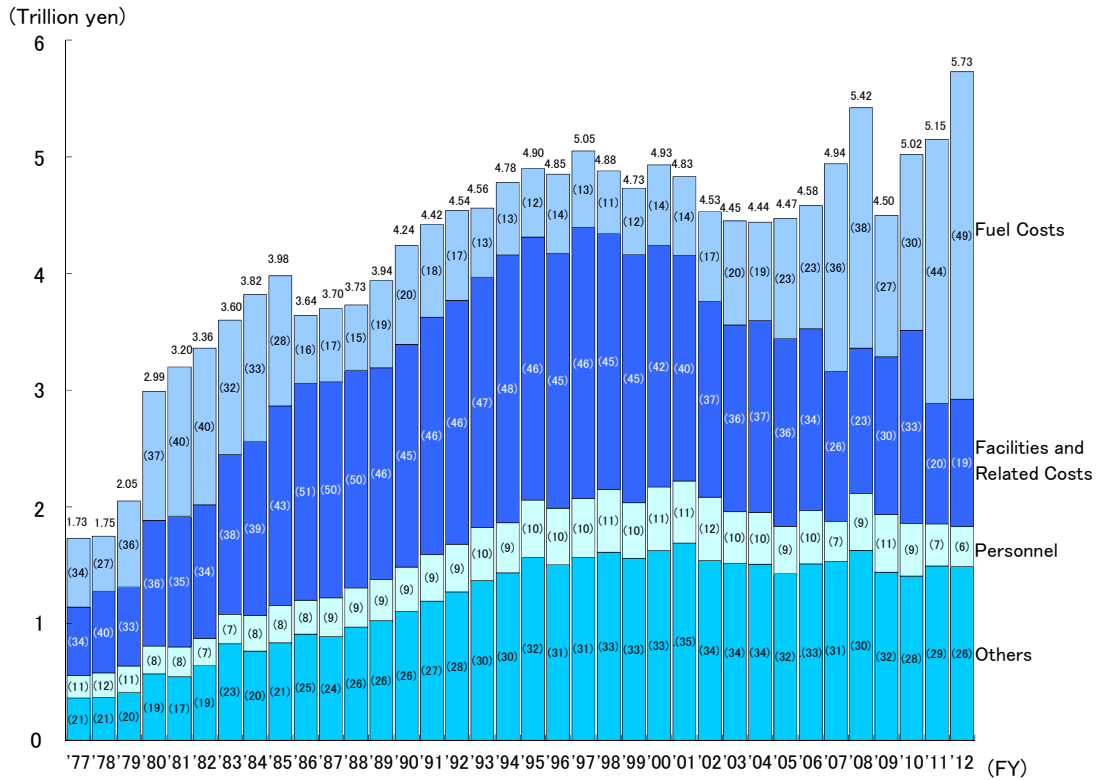
### 10. Changes in Return on Assets



Note: Figures for other industries are those for FY2011.

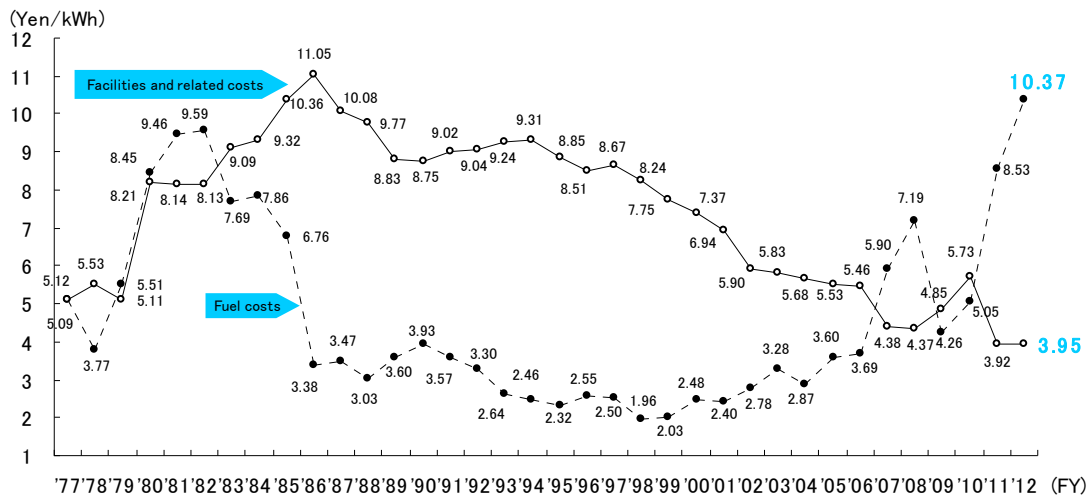
Source: Tokyo Stock Exchange

## 11. Changes in Costs of Supplying Electricity



- Notes:
1. "Facilities and related costs" means the sum of maintenance expenses, depreciation expenses, interest expenses, and funds for dividends.
  2. Figures in parentheses show the percentage composition (%).
  3. Due to changes in the Accounting Rule for Electricity Business, depreciation expenses for trial operation has been classified as "Facilities and related costs" and separated from "Others" since FY1996.
  4. "Others" includes purchased electricity, rent expenses fees, expenditure for agential tasks, property tax, promotion of power resources development tax, enterprise tax, etc.

### <Reference> Changes in Equipment Expenses and Fuel Costs per kWh of Electricity Sales



<Reference> Changes in Exchange Rate (Interbank Monthly Average)



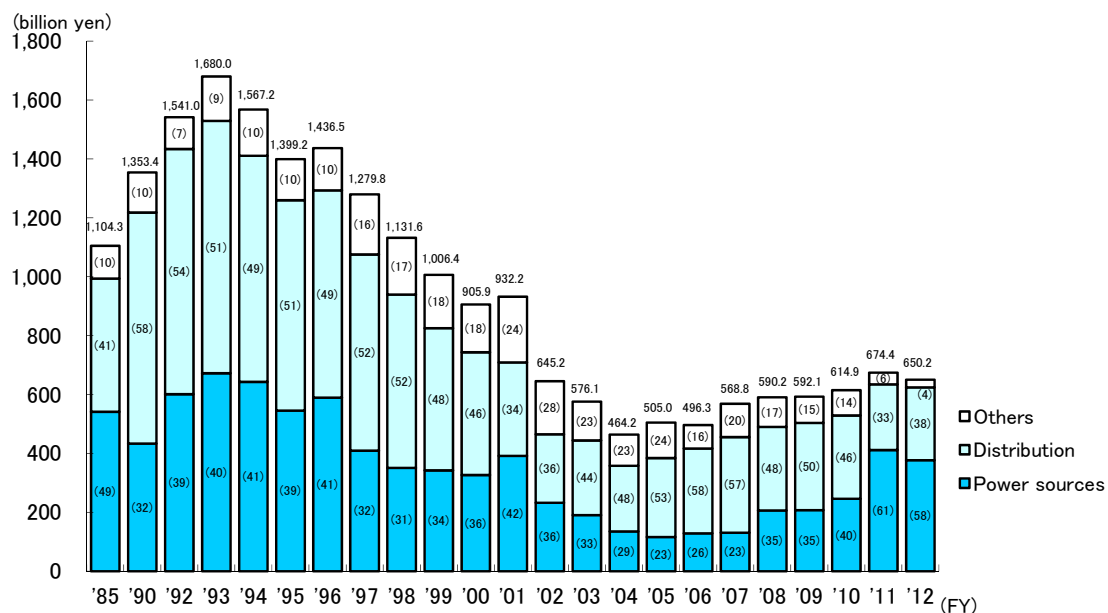
<Reference> Annual Exchange Rate (Interbank)

FY	'71	'72	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91
Exchange rate (Yen/Dollar)	317	299	273	293	299	292	257	202	230	217	228	250	236	244	221	160	138	128	143	141	133
FY	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12
Exchange rate (Yen/Dollar)	125	108	99	96	113	123	128	112	111	125	122	113	108	113	117	114	101	93	86	79	83

Note: For FY1971, the average value second half of the year is indicated because a fixed exchange rate system was adopted by August 27 of this year.

## VIII. Capital Investment and Financing

### 1. Changes in Capital Investment and Plans



- Notes:
1. Figures in parentheses represent the percentage composition (%).
  2. "Distribution" includes transmission, transformation and distribution.  
"Others" includes nuclear fuels and operation facilities.

## 2. Changes (Net Increase) in Plans for Raising Equipment Funds

### (1) TEPCO

(Unit: Billion yen)

FY		1985	1990	1995	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
<b>Fund Requirements (construction funds)</b>		1,104.3	1,353.4	1,399.2	1,279.8	1,131.6	1,006.4	905.9	932.2	645.2	576.1	464.2	505.0	496.3	568.8	590.2	592.1	614.9	674.4	650.2	
Financing	<b>Internal Funds</b>	949.3	973.0	1,092.6	1,317.6	1,154.1	1,305.2	1,233.1	1,371.9	1,103.3	963.1	1,141.3	784.9	944.0	274.2	323.3	957.5	-903.9	1,301.0	1,035.7	
	<b>Internal Reserve</b>	883.1	972.1	1,047.3	1,264.9	1,252.1	1,661.9	1,314.8	1,385.4	1,184.5	943.0	1,120.7	730.2	955.4	445.0	512.4	627.6	349.9	51.1	388.3	
	<b>Customer Contribution, etc.</b>	66.2	0.9	45.2	52.7	-98.0	-356.6	-81.7	-13.4	-81.2	20.0	20.6	54.6	-11.3	-170.7	-189.1	329.8	-1700.7	1249.9	-350.0	
	<b>Capital Increase (amount of issue)</b>	(-)	(13.2)	(6.0)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(449.0)	(-)	(1000.0)	
	<b>Net Proceeds from Capital Increase</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	446.8	-	997.4
	<b>External Funds</b>	154.9	380.4	306.5	-37.8	-22.5	-298.7	-327.1	-439.6	-458.0	-387.0	-677.1	-279.8	-447.6	294.5	266.9	-365.4	1518.9	-626.6	-385.5	
	<b>Bonds (amount of issue)</b>	(311.0)	(600.0)	(600.0)	(856.3)	(799.7)	(595.8)	(700.0)	(763.5)	(800.0)	(534.2)	(250.0)	(250.0)	(329.1)	(750.0)	(670.0)	(240.3)	(235.0)	(-)	(726.4)	
	<b>Proceeds from Bond Issue</b>	67.3	278.7	187.7	487.7	254.4	-296.8	-184.1	-101.9	87.2	70.7	125.4	-156.2	-400.0	55.6	72.5	-186.2	-195.7	-548.9	-21.6	
	<b>Borrowings</b>	87.6	101.6	118.8	-525.5	-277.0	-1.9	-143.0	-337.6	-545.3	-457.7	-802.5	-123.6	-47.5	238.8	194.4	-179.1	1,714.7	-77.7	-363.8	
	<b>Total</b>	1,104.3	1,353.4	1,399.2	1,279.8	1,131.6	1,006.4	905.9	932.2	645.2	576.1	464.2	505.0	496.3	568.8	590.2	592.1	614.9	674.4	650.2	

- Notes: 1. Figures for the actual results are expressed by dropping fractions smaller than 0.1 billion yen.  
2. Incidental construction costs are excluded.

### (2) 10 Electric Power Companies

(Unit: Billion yen)

FY		1985	1990	1995	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
<b>Fund Requirements (construction funds)</b>		3,037.2	3,826.2	4,442.0	4,017.8	3,553.1	3,258.7	2,927.0	2,632.6	2,075.9	1,770.5	1,512.5	1,497.9	1,529.1	1,854.2	2,124.2	2,034.4	2,123.1	2,123.2	2,086.7	
Financing	<b>Internal Funds</b>	2,606.9	2,682.9	3,472.9	4,077.3	3,480.5	3,812.2	3,761.8	3,733.5	3,473.0	3,419.5	3,551.8	2,001.1	2,452.0	1,710.5	1,355.1	3,009.6	548.2	863.0	812.5	
	<b>Internal Reserve</b>	2,433.0	2,690.7	3,299.4	3,740.0	3,654.5	4,247.7	3,870.2	3,965.5	3,694.8	3,483.7	3,602.6	2,136.3	2,727.1	1,991.4	1,957.1	2,381.5	2,223.9	475.2	671.2	
	<b>Customer Contribution, etc.</b>	143.7	-7.7	173.5	337.2	-174.0	-435.5	-108.4	-232.0	-221.7	-64.1	-50.8	-135.1	-275.0	-280.9	-602.0	628.1	-2,122.5	387.7	-856.1	
	<b>Capital Increase (amount of issue)</b>	(31.0)	(34.7)	(17.9)	(0.0)	-	(0.1)	(-)	(0)	(0)	(-)	(-)	(56.2)	(-)	(-)	(-)	(-)	(449.0)	(-)	(1,000.0)	
	<b>Net Proceeds from Capital Increase</b>	30.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	446.8	-	997.4
	<b>External Funds</b>	439.0	1,143.2	969.1	-59.5	72.5	-553.5	-834.7	-1,100.8	-1,397.1	-1,648.9	-2,039.2	-503.2	-922.9	143.6	769.1	-975.2	1,574.8	1,260.2	1,274.1	
	<b>Bonds (amount of issue)</b>	(866.2)	(1,865.6)	(1,735.4)	(2,360.6)	(2,369.7)	(1,808.8)	(1,745.0)	(1,769.5)	(1,667.5)	(1,130.2)	(740.0)	(925.0)	(1,054.5)	(1,666.0)	(1,800.0)	(690.3)	(775.0)	(-234.6)	(1,116.2)	
	<b>Proceeds from Bond Issue</b>	159.0	862.1	356.3	753.8	714.3	-262.4	-478.5	-601.9	-101.8	-483.5	-792.3	-54.1	-332.2	306.2	367.5	-183.1	-88.8	-1,291.9	-82.6	
	<b>Borrowings</b>	280.0	281.0	612.8	-813.3	-641.8	-291.1	-356.1	-498.9	-1,295.2	-1,165.4	-1,246.9	-449.1	-590.7	-162.6	401.5	-792.0	1,663.6	2,552.1	1,356.9	
	<b>Total</b>	3,037.2	3,826.2	4,442.0	4,017.8	3,553.1	3,258.7	2,927.0	2,632.6	2,075.9	1,770.5	1,512.5	1,497.9	1,529.1	1,854.2	2,124.2	2,034.4	2,123.1	2,123.2	2,086.7	

- Notes: 1. Figures for FY2012 are those from "Statistics of Electric Power Industry."  
2. Figures are expressed by dropping fractions smaller than 0.1 billion yen.  
3. Incidental construction costs are excluded.  
4. Numbers are for a total of 9 power companies (except Okinawa Electric Power Company) before FY1985.

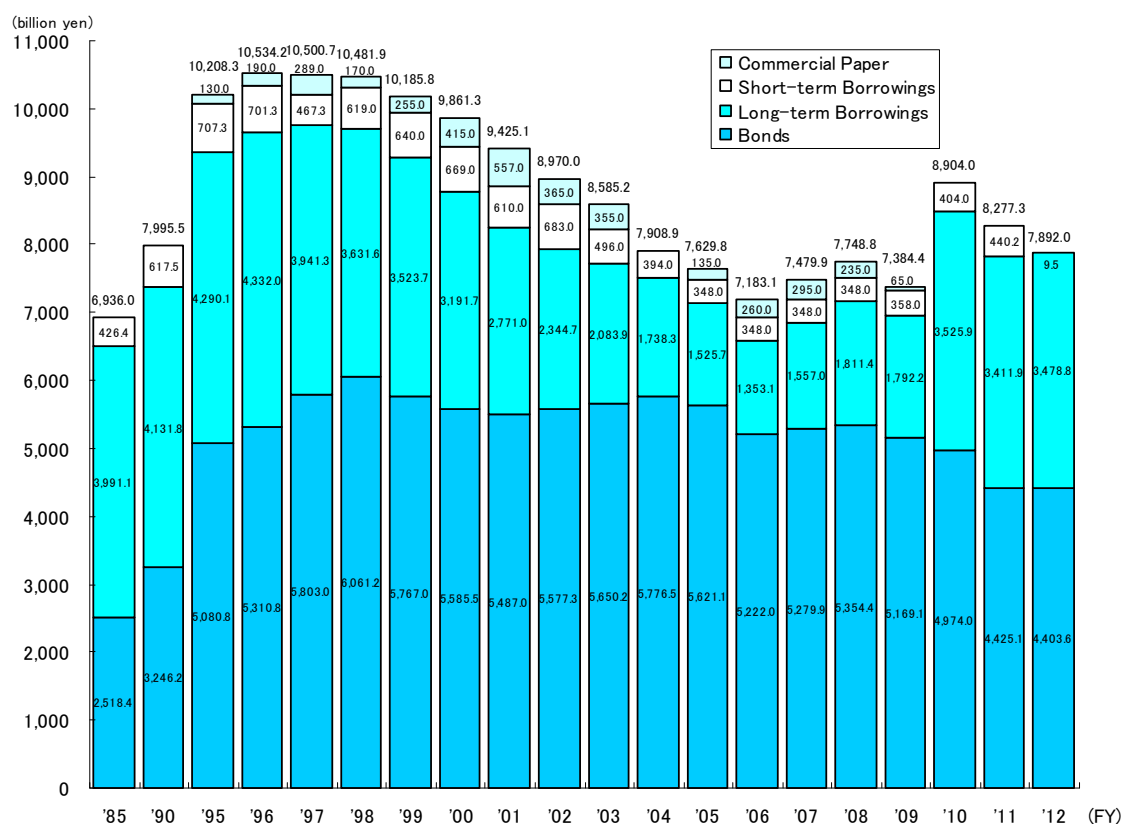
Source: "Handbook of Electric Power Industry"

### 3. Changes in Amount of Corporate Bonds Issued

(Unit: billion yen)

FY	1985	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Domestic Bonds (public investment bond)</b>	250.0	600.0	600.0	500.0	660.0	700.0	470.0	700.0	650.0	800.0	400.0	250.0	250.0	300.0	750.0	670.0	215.0	235.0		
<b>Domestic Bonds (private placement bond)</b>																				726.4
<b>Convertible Bonds</b>																				
<b>Foreign Bonds</b>	2nd issue of U.S. dollar denominated straight bonds: US\$ 100million  7th issue of Swiss franc dollar denominated straight bonds: CHF 200million  8th issue of Swiss franc dollar denominated straight bonds: CHF 150million			15th issue of Swiss franc dollar denominated straight bonds: CHF 300million	8th issue of U.S. dollar denominated straight bonds: US\$ 500million	1st issue of Euro denominated straight bonds: EUR 750million	2nd issue of Euro denominated straight bonds: EUR 1billion		3rd issue of Euro denominated straight bonds: EUR 1billion		4th issue of Euro denominated straight bonds: EUR 1billion			16th issue of Swiss franc dollar denominated straight bonds: CHF 300million				17th issue of Swiss franc dollar denominated straight bonds: CHF 300million		

#### 4. Balance of Corporate Bonds and Loans Payable



Source: Fractions smaller than 0.1 billion yen are dropped.

#### 5. Changes in Materials Procurement Cost

(Unit: billion yen)

FY	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12
<b>Total Cost of Products Procurement (a)</b>	736.7	877.4	756.4	759.0	749.5	696.4	650.7	595.8	599.9	479.3	423.2	364.2	372.6	347.6	354.7	351.4	331.4	322.7	353.9	537.7	532.7
<b>Import Cost of Overseas Products (b)</b>	14.0	21.6	67.5	48.0	24.6	47.1	38.7	42.2	38.2	18.1	22.8	19.2	18.9	18.9	30.2	26.9	52.0	28.9	13.0	48.0	43.1
<b>Import Ratio (%) (b)/(a)</b>	1.9	2.5	8.9	6.3	3.3	6.8	5.9	7.1	6.4	3.8	5.4	5.3	5.1	5.4	8.5	7.7	15.7	9.0	3.7	8.9	8.1

- Notes:
1. FY1994 and FY1995: passed customs for Yokohama Thermal Power Station Units 7 and 8, and for Kashiwazaki-Kariwa Nuclear Power Station Units 6 and 7.
  2. FY1997: passed customs for Chiba Thermal Power Station Unit 2.
  3. FY1999: passed customs for Shinagawa Thermal Power Station Unit 1 and for Futtsu Thermal Power Station Unit 3.
  4. FY2000: passed customs for Futtsu Thermal Power Station Unit 3.
  5. FY2006–FY2008: passed customs for Futtsu Thermal Power Station Unit 4.
  6. FY2008–FY2009: procurement cost increased a temporary basis in relation to the restoration of the Kashiwazaki-Kariwa Nuclear Power Station.
  7. FY2011: procurement cost increased in relation to the restoration of Fukushima Daiichi Nuclear Power Station, etc.

## IX. Electricity Rates and Rate Systems

### 1. Electricity Rates

(1) Unit Price of Electricity (become effective on May 15, 2013)

● Lighting [by electric supply contract]

Contract Category		Unit	Rate (Yen) [Inc. tax]	Contract Category		Unit	Rate (Yen) [Inc. tax]			
Fixed Rate Lighting Service	Customer charge	per contract	52.50	Temporary Lighting Service	Up to 50 VA	per contract per day	7.67			
	Lamp charge	Up to 10 W	per lamp		94.71	A	Over 50 VA to 100 VA	"	15.32	
		Over 10 W to 20 W	"		142.17		For every 100 VA over 100 VA up to 500 VA	"	15.32	
		Over 20 W to 40 W	"		237.09		Over 500 VA to 1 kVA	"	153.21	
		Over 40 W to 60 W	"		332.01		For every 1 kVA over 1 kVA up to 3 kVA	"	153.21	
		Over 60 W to 100 W	"		521.85		B	Demand charge	10A	300.30
		For every 100 W over 1st 100 W	"		521.85			Energy charge	1kWh	32.00
	Small appliance charge	Up to 50 VA	per appliance		227.33	C	Demand charge	1kVA	300.30	
		Over 50 VA to 100 VA	"		367.50		Energy charge	1kWh	32.00	
		For every 100 VA over 1st 100 VA	"		367.50					
Meter-Rate Lighting Service	A	Minimum charge	up to 1st 8 kWh	224.45	Public Street Lighting Service	Customer charge	per contract	47.25		
		Energy charge	per kWh over 1st 8 kWh	18.89		A	Lamp charge	Up to 10 W	per lamp	85.68
	Demand charge	10A	per contract	273.00				Over 10 W to 20 W	"	129.36
		15A	"	409.50				Over 20 W to 40 W	"	216.72
		20A	"	546.00				Over 40 W to 60 W	"	304.08
		30A	"	819.00				Over 60 W to 100 W	"	478.80
		40A	"	1,092.00				For every 100 W over 1st 100 W	"	478.80
		50A	"	1,365.00				Small appliance charge	Up to 50 VA	per appliance
	60A	"	1,638.00	Over 50 VA to 100 VA		"	331.80			
				For every 100 VA over 1st 100 VA		"	331.80			
	Energy charge	Up to 1st 120 kWh (1st block rate)	1kWh	18.89		B	Demand charge	1kVA	246.75	
		Over 120 kWh to 300 kWh (2nd block rate)	"	25.19			Energy charge	1kWh	19.06	
		Over 300 kWh (3rd block rate)	"	29.10			Minimum monthly charge	per contract	213.95	
	Minimum monthly charge	per contract	224.45							
	C	Energy charge	Demand charge	1kVA		273.00				
			Up to 1st 120 kWh (1st block rate)	1kWh		18.89				
			Over 120 kWh to 300 kWh (2nd block rate)	"		25.19				
			Over 300 kWh (3rd block rate)	"		29.10				



● Power [by electricity supply contract]

Contract Category		Unit	Rate (Yen) [Inc. tax]		
Low-Voltage Power Service	Demand charge	1kW	1,071.00		
	Energy charge	1kWh	Summer 16.50	Other seasons 14.99	
Temporary Power Service	Fixed rate service	1kW Per day	180.42		
	Meter-Rate Service	Demand charge	1kW	20% higher than ordinary supply rate	
		Energy charge	1kWh	Summer 19.79	Other seasons 18.00
Agricultural Power Service (for agricultural irrigation purposes)	Demand charge	1kW	420.00		
	Energy charge	1kWh	Summer 12.44	Other seasons 11.31	

(Note) For Low-Voltage Power, Temporary Power and Agricultural Power Service, "summer" means a period from July 1 through September 30 each year and "other seasons" means a period from October 1 each year through June 30 next year.

● Major Optional Rules for Supply of Electricity

Otokuna-Night 8 (Time-Specific Lighting [8-Hour Night Service])				Denka-Jozu (Season-and-Time-Specific Lighting)					
Contract Category	Unit	Rate (Yen) [Inc. tax]		Contract Category	Unit	Rate (Yen) [Inc. tax]			
Demand charge	For 6 kVA or less	per contract	1,260.00	Demand charge	For 6 kVA or less	per contract	1,260.00		
	For 7 kVA – 10 kVA	"	2,100.00		For 7 kVA – 10 kVA	"	2,100.00		
	For 11 kVA and over	"	¥2,100.00 + ¥273.00 × (Contract capacity – 10kVA)		For 11 kVA and over	"	¥2,100.00 + ¥273.00 × (Contract capacity – 10kVA)		
Energy charge	Day hours	Up to 1st 90 kWh (1st block rate)	1kWh	23.15	Energy charge	Day hours	For summer	per contract	37.56
		Over 90 kWh to 230 kWh (2nd block rate)	"	30.87			For other seasons	"	30.77
		Over 230 kWh (3rd block rate)	"	35.66		Morning and evening hours	"	25.20	
	Night hours	"	11.82	Night hours		"	11.82		
Discount	Discount of 241.50 yen per 1 kVA for total capacity of 5-hour-auto-shutoff appliances			Discount	Discount of 241.50 yen per 1 kVA for total capacity of 5-hour-auto-shutoff appliances				
	Discount of 147.00 yen per 1 kVA for total capacity where auto-shutoff nighttime thermal storage type appliances are used				Discount of 147.00 yen per 1 kVA for total capacity where auto-shutoff nighttime thermal storage type appliances are used				
Minimum monthly charge	per contract	314.75		For all-electric homes		A 5% discount from the covered amount			
Minimum monthly charge	per contract	314.75		Minimum monthly charge	per contract	314.75			
Otokuna-Night 10 (Time-Specific Lighting [10-Hour Night Service])				<p>* For the "Denka-Jozu"(Season-and-Time-Specific Lighting), "summer" refers to the period from July 1 through September 30 each year and "other seasons" refers to the period from October 1 each year through June 30 next year. In this service option, "day hours" refers to the time period from 10:00 a.m. to 5:00 p.m. every day while "morning and evening hours" refers to the time period from 7:00 a.m. to 10:00 a.m. and 5:00 p.m. to 11:00 p.m. every day. "Night hours" refers to the time period from 11:00 p.m. to 7:00 a.m. of the next day.</p> <p>* "Day hours" means "peak hours" and "morning and evening hours" means "off-peak hours" in the optional rules for supply of electricity.</p> <p>* For the discount for all-electric homes, the "covered amount" refers to the electricity charge (except the fuel cost adjustment amount) except for the "day hours" in the "summer."</p> <p>* The discount for all-electric homes is subject to a ceiling limit of 2,100.00 yen (including tax) a month.</p> <p>* From March 31, 2013, we will no longer accept applications for the 5-hour auto-shutoff appliance discount.</p>					
Demand charge	For 6 kVA or less	per contract	1,260.00	Demand charge	For 6 kVA or less	per contract	1,260.00		
	For 7 kVA – 10 kVA	"	2,100.00		For 7 kVA – 10 kVA	"	2,100.00		
	For 11 kVA and over	"	¥2,100.00 + ¥273.00 × (Contract capacity – 10kVA)		For 11 kVA and over	"	¥2,100.00 + ¥273.00 × (Contract capacity – 10kVA)		
Energy charge	Day hours	Up to 1st 80 kWh (1st block rate)	per contract	25.20	Energy charge	Day hours	Up to 1st 80 kWh (1st block rate)	per contract	25.20
		Over 80 kWh to 200 kWh (2nd block rate)	"	33.60			Over 80 kWh to 200 kWh (2nd block rate)	"	33.60
		Over 200 kWh (3rd block rate)	"	38.81			Over 200 kWh (3rd block rate)	"	38.81
	Night hours	"	12.06	Night hours		"	12.06		
Discount	Discount of 42.00 yen per 1 kVA for total capacity of 8-hour-auto-shutoff appliances			Discount	Discount of 42.00 yen per 1 kVA for total capacity of 8-hour-auto-shutoff appliances				
	Discount of 283.50 yen per 1 kVA for total capacity of 5-hour-auto-shutoff appliances				Discount of 283.50 yen per 1 kVA for total capacity of 5-hour-auto-shutoff appliances				
	Discount of 189.00 yen per 1 kVA for total capacity where auto-shutoff nighttime thermal storage type appliances are used				Discount of 189.00 yen per 1 kVA for total capacity where auto-shutoff nighttime thermal storage type appliances are used				
Minimum monthly charge	per contract	314.75		Minimum monthly charge	per contract	314.75			

「As for the all-electric homes discount and appliance requirements of the "Denka-Jozu", consideration will be given so that broader peak shifts will be promoted along with the overall menu lineup amidst the careful establishment of a new rate menu in light of increasing smart meter installations.

\* For the "Otokuna-Night 8" (Time-Specific Lighting [8-Hour Night Service]), "day hours" refers to the time period from 7:00 a.m. to 11:00 p.m. every day and "night hours" refers to the time period from 11:00 p.m. to 7:00 a.m. of the next day.

\* For the "Otokuna-Night 10" (Time-Specific Lighting [10-Hour Night Service]), "day hours" refers to the time period from 8:00 a.m. to 10:00 p.m. every day and "night hours" refers to the time period from 10:00 p.m. to 8:00 a.m. of the next day.

\* From March 31, 2013, we will no longer accept applications for the 5-hour auto-shutoff appliance discount.

Contract Category		Unit	Rate (Yen) [Inc. tax]	Contract Category		Unit	Rate (Yen) [Inc. tax]			
Peak Shift Plan (Peak-Controlled-Season-and-Time-Specific Lighting)	Demand charge	For 6 kVA or less	per contract	1,260.00	Hannichi-Toku Plan (Time-Specific Lighting)	Demand charge	For 6 kVA or less	per contract	1,260.00	
		For 7 kVA - 10 kVA	"	2,100.00			For 7 kVA - 10 kVA	"	2,100.00	
		For 11 kVA and over	"	¥2,100.00 + ¥273.00 × (Contract capacity - 10kVA)			For 11 kVA and over	"	¥2,100.00 + ¥273.00 × (Contract capacity - 10kVA)	
	Energy charge	Peak hours (only summer)	per contract	53.16		Energy charge	Day hours	Up to 1st 70 kWh (1st block rate)	per contract	27.59
		Day hours	"	28.18				Over 70 kWh to 170 kWh (2nd block rate)	"	36.79
		Night hours	"	11.82				Over 170 kWh (3rd block rate)	"	42.49
				Night hours	"		12.24			

\* For the "Peak Shift Plan" (Peak-Controlled-Season-and-Time-Specific Lighting), "peak hours" refers to the time period from 1:00 p.m. to 4:00 p.m. every day between July 1 and September 30 each year. "Day hours" refers to the time period from 7:00 a.m. to 11:00 p.m. every day excluding "peak hours." "Night hours" refers to the time period from 11:00 p.m. to 7:00 a.m. of the next day.

\* For the "Asa-toku Plan" (Time-Specific Lighting), "day hours" refers to the time period from 9:00 a.m. to 1:00 a.m. of the next day. "Night hours" refers to the time period from 1:00 a.m. to 9:00 a.m..

\* For the "Yoru-toku Plan" (Time-Specific Lighting), "day hours" refers to the time period from 5:00 a.m. to 9:00 p.m. "Night hours" refers to the time period from 9:00 p.m. to 5:00 a.m. of the next day.

\* For the "Hannichi-toku Plan" (Time-Specific Lighting), "day hours" refers to the time period from 9:00 a.m. to 9:00 p.m. "Night hours" refers to the time period from 9:00 p.m. to 9:00 a.m. of the next day.

Contract Category		Unit	Rate (Yen) [Inc. tax]		
Asa-Toku Plan (Time-Specific Lighting)	Demand charge	For 6 kVA or less	per contract	1,260.00	
		For 7 kVA - 10 kVA	"	2,100.00	
		For 11 kVA and over	"	¥2,100.00 + ¥273.00 × (Contract capacity - 10kVA)	
	Energy charge	Day hours	Up to 1st 90 kWh (1st block rate)	1kWh	23.27
			Over 90 kWh to 230 kWh (2nd block rate)	"	31.02
			Over 230 kWh (3rd block rate)	"	35.83
	Night hours	"	11.85		
Yoru-Toku Plan (Time-Specific Lighting)	Demand charge	For 6 kVA or less	per contract	1,260.00	
		For 7 kVA - 10 kVA	"	2,100.00	
		For 11 kVA and over	"	¥2,100.00 + ¥273.00 × (Contract capacity - 10kVA)	
	Energy charge	Day hours	Up to 1st 90 kWh (1st block rate)	1kWh	23.36
			Over 90 kWh to 230 kWh (2nd block rate)	"	31.14
			Over 230 kWh (3rd block rate)	"	35.97
	Night hours	"	12.14		

Contract Category			Unit	Rate (Yen) [Inc. tax]	Contract Category			Unit	Rate (Yen) [Inc. tax]				
Donichi-Otoku Plan (Day of a Week Specific Lighting)	Type 1	Demand charge	10A	per contract	273.00	Night-Only Service	Night-Only Service A		per contract	1,406.07			
			15A	"	409.50		Night-Only Service B	Demand charge	1kW	315.00			
			20A	"	546.00			Energy charge	1kWh	11.82			
			30A	"	819.00			In cases when "auto-shutoff nighttime thermal storage type appliances" are used, 13% discount from the total of the demand charge and energy charge (excluding the fuel cost adjustment amount) will be given.					
			40A	"	1,092.00		2nd Night-Only Service	Demand charge	1kW	210.00			
			50A	"	1,365.00			Energy charge	1kWh	10.88			
			60A	"	1,638.00		Snow Melting Power Service	Demand charge	Up to first 3 months of the contracted period		1kW	2,005.50	
	Energy charge		Weekdays	After 3 months		"			477.75				
	Weekdays			Energy charge		1kWh			14.79				
	Over 230 kWh (3rd block rate)			"									
	Holidays (Saturdays and Sundays)		"										
	Minimum monthly charge		per contract										
	Demand charge		1kVA										
	Type 2	Energy charge	Weekdays	Up to 1st 90 kWh (1st block rate)		1kWh	20.39	Low-Voltage power per season and time-of-day for agricultural use	Demand charge	For 5 kW or less		per contract	5,355.00
				Over 90 kWh to 230 kWh (2nd block rate)		"	27.20			Over 5 kW		"	¥ 5,355.00 + ¥ 1,071.00 × (contract capacity-5kW)
Over 230 kWh (3rd block rate)				"	31.41	Energy charge	Day hours		1kWh	19.41			
Holidays (Saturdays and Sundays)			"	20.12	For other seasons		"		17.65				
			"	20.12	Night hours		"		12.06				

\* For the "Donichi-Otoku Plan" (Day of a Week Specific Lighting), "weekdays" refer to the period from Mondays to Fridays, and "holidays" refer to Saturdays and Sundays.  
If holidays are in weekdays, the rate of "weekdays" will be applied.

Contract Category		Unit	Rate (Yen) [Inc. tax]	
Omatome Plan (High-Load Low-Voltage Service)	Demand charge	1kW	1,260.00	
	Energy charge	1kWh	Summer	Other seasons
17.90			16.28	

\* For the "Omatome Plan" (High-Load Low-Voltage Service), "summer" refers to the period from July 1 through September 30 each year and "other seasons" refers to the period from October 1 each year through June 30 next year.

● Electricity Supply and Demand Contract (High-Voltage)

● Electricity Supply and Demand Contract (Extra High-Voltage)

Contract Category		Unit	Time/season	Rate (Yen) [Inc. tax]	Contract Category		Unit	Time/season	Rate (Yen) [Inc. tax]					
Electric Power by Season and Time-of-Day for Commercial Use	Demand charge	1kW	—	1,638.00	Special High-Voltage Electric Power by Season and Time-of-Day, A	Demand charge	20kV supply	1kW	—	1,585.50				
	Energy charge	1kWh	Peak hours	19.50		Demand charge	60kV supply	"	—	1,533.00				
			Day hours	For summer		18.82	Energy charge	20kV supply	1kWh	Peak hours	16.82			
				For other seasons		17.46				Day hours	For summer	16.24		
Night hours	12.10	Day hours	For other seasons	15.14										
High-Voltage Power by Season and Time-of-Day	Demand charge	Contracted power 500kW or more	1kW	—		1,732.50				Special High-Voltage Electric Power by Season and Time-of-Day, B	Demand charge	20kV supply	1kW	—
		Contracted power less than 500kW	"	—		1,233.75	60kV supply	"	—			1,533.00		
	Energy charge	Contracted power 500kW or more	1kWh	Peak hours		18.24	140kV supply	"	—			1,480.50		
				Day hours		For summer	17.61	Energy charge	20kV supply		1kWh	Peak hours	16.82	
						For other seasons	16.20					Day hours	For summer	16.24
				Night hours	12.10	Day hours	For other seasons					15.14		
	Contracted power less than 500kW	"	"	Peak hours	20.13	Night hours	11.88							
				Day hours	For summer	19.45	Energy charge	60kV supply	"		Peak hours	16.61		
					For other seasons	18.09					Day hours	For summer	16.03	
	Night hours	12.10	Day hours	For other seasons	14.93									
Electric Power for Commercial Use	Demand charge	1kW	—	1,638.00	Special High-Voltage Power, A	Demand charge				20kV supply	1kW	—	1,585.50	
	Energy charge	1kWh	For summer	16.65		60kV supply	"	—	1,533.00					
			For other seasons	15.55		140kV supply	"	—	1,480.50					
	High-Voltage Power	Demand charge	Contracted power 500kW or more	1kW		—	1,732.50	Special High-Voltage Power, B	Energy charge	60kV supply	"	Peak hours	16.82	
Contracted power less than 500kW			"	—		1,233.75	Day hours					For summer	16.24	
Energy charge		Contracted power 500kW or more	1kWh	For summer		15.34	Day hours					For other seasons	15.14	
				For other seasons		14.37	Night hours					11.88		
Contracted power less than 500kW		"	"	For summer		16.49	Energy charge		140kV supply	"	Peak hours	16.61		
				For other seasons		15.41					Day hours	For summer	16.03	
For summer		14.33	Day hours	For other seasons		14.93								
For other seasons		13.93	Night hours	11.67										
Special High-Voltage Power, A	Demand charge	20kV supply	1kW	—	1,585.50	Special High-Voltage Power, B	Demand charge	20kV supply	1kW	—	1,585.50			
	Energy charge	20kV supply	1kWh	For summer	15.10		60kV supply	"	—	1,533.00				
				For other seasons	14.14		140kV supply	"	—	1,480.50				
	Energy charge	60kV supply	"	For summer	14.86		Energy charge	20kV supply	1kWh	For summer	14.56			
				For other seasons	13.93					For other seasons	13.66			
				140kV supply	"					For summer	14.10	Energy charge	60kV supply	"
For other seasons						13.24				For other seasons	13.45			

## (2) Number of Customers Served and Contract Power by Use

(As of the end of March 2013)

Use		Item	Demand			
			Number of Customers	Contract Power (kW)		
Other than Specified-Scale Demand	Lighting Services	Fixed Rate		384,022		
		Meter-Rate	(A and B)	20,003,471		
			(C)	1,215,273	15,113,996	
		Other Lighting Service Contracts	Temporary		64,572	
			Public Street Light		3,813,624	
			(Optional Contracts)		1,332,630	11,437,663
			Subtotal		5,210,826	
	Lighting Total		26,813,592			
	Power Services	Low-Voltage		(230)	(4,979)	
				1,634,320	12,302,134	
		Other Lighting Service Contracts	Temporary		5,216	120,976
			Agricultural		11,401	60,192
			Power for TEPCO's Construction Work		203	3,946
			Power for TEPCO's Business Operations		63,805	55,577
			(Optional Contracts)		340,714	1,395,432
	Subtotal		421,339	1,636,123		
	Power Total		2,055,659	13,938,256		
Total		28,869,251				

- Notes:
1. Figures given are based on electric service contracts.
  2. Figures given for total of Optional Contracts in Lighting Services are based on the total for "Time-Specific Lightning (8-Hour, 10-Hour Night Service)," "Season-and-Time-Specific Lightning" and "High-Load Low-Voltage Service."
  3. Figures in parentheses represent those for "Low-Voltage Power per Season and Time-of-Day for Agricultural Use."
  4. Figures given for total of Optional Contracts in Power Services are based on the total for "Night-Only Service," "2nd Night-Only Service," "Snow Melting Power Service," and "Low-Voltage Power per Season and Time-of-Day for Agricultural Use."
  5. Figures given are rounded off.
  6. The above figures exclude the number of customers of the specific-scale demand and are based on electric service contracts.

(3) Fuel Cost Adjustment System

● Standard Unit Price under Fuel Cost Adjustment System

		Unit	Standard Unit Price (Yen) [Inc. tax]		
Meter-Rate System	Low-Voltage Supply (Lighting, Low-Voltage Power Service, etc.)		1kWh	0.222	
	High-Voltage Supply		"	0.214	
	Extra High-Voltage Supply		"	0.211	
Fixed Rate System	Fixed Rate Lighting Service / Public Street Lighting Service, A	Lighting	Up to 10W	Per lamp	0.861
			Over 10W to 20W	"	1.721
			Over 20W to 40W	"	3.442
			Over 40W to 60W	"	5.163
			Over 60W to 100W	"	8.605
			For every 100W over 1st 100W	"	8.605
	Small Appliances	Up to 50VA	Per appliance	2.570	
		Over 50VA to 100VA	"	5.141	
		For every 100VA over 1st 100VA	"	5.141	
	Temporary Lighting Service, A	Lighting	Up to 50VA	Per contract, per day	0.069
			Over 50VA to 100VA	"	0.139
			For every 100VA, over 1st 100VA up to 500VA	"	0.139
			Over 500VA to 1kVA	"	1.387
			For every 1kVA, over 1st 1kVA up to 3kVA	"	1.387
	Temporary Power Service		Per kW, per day	1.457	
	Late-Night Electric Power, A		Per contract	22.155	

● Calculating Fuel Cost Adjusted Unit Price

1. When the "average fuel price" fluctuates by 1,000 yen/kℓ, the fuel cost adjusted unit price is treated as the "standard unit price."
2. The average fuel price is the price/kℓ in crude oil equivalents, calculated based on the 3-month (actual recorded) prices derived from Foreign Trade Statistics for crude oil, LNG and coal published by Ministry of Finance Japan.

The average fuel price is calculated as below.

$$\text{Average fuel price} = A \times \alpha + B \times \beta + C \times \gamma \quad (\text{values less than 100 yen rounded off})$$

A: Average crude oil price/kℓ in each quarter	$\alpha$	:	0.1970
B: Average LNG price/ton in each quarter	$\beta$	:	0.4435
C: Average coal price/ton in each quarter	$\gamma$	:	0.2512

The fuel cost adjusted unit price is calculated based on the average fuel price and the standard unit price.

A. If the average fuel price is below 44,200 yen

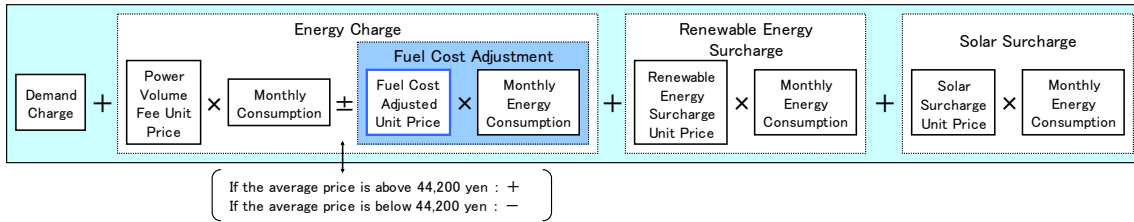
$$\text{Unit price} = (44,200 \text{ yen} - \text{Average fuel price}) \times \frac{\text{Standard unit price}}{1,000}$$

B. If the average fuel price is above 44,200 yen

$$\text{Unit price} = (\text{Average fuel price} - 44,200 \text{ yen}) \times \frac{\text{Standard unit price}}{1,000}$$

Note: For low-voltage power contract customers, if the average fuel price is above 66,300 yen, this 66,300 yen shall be the maximum price. In this case, for the portion of the average fuel price beyond 66,300 yen, no adjustment is to be applied.

● Calculating Electricity Rates (monthly) under Fuel Cost Adjustment System



\*1 Every month's "fuel cost adjusted unit price" is posted in advance at TEPCO's branch offices, service centers, the official homepage etc. in addition to notifications sent out with each customers' monthly usage statements.

\*2 Please refer to P99 – 101 for the Renewable Energy Power Promotion Surcharge (Renewable Energy Surcharge) and the Photovoltaic Power Promotion Surcharge (Solar Surcharge).

● Fuel Cost Calculation Period and its Application to the Electricity Rates

The fuel cost adjusted unit price for every month shall be calculated based on average fuel prices recorded over a 3-month period.

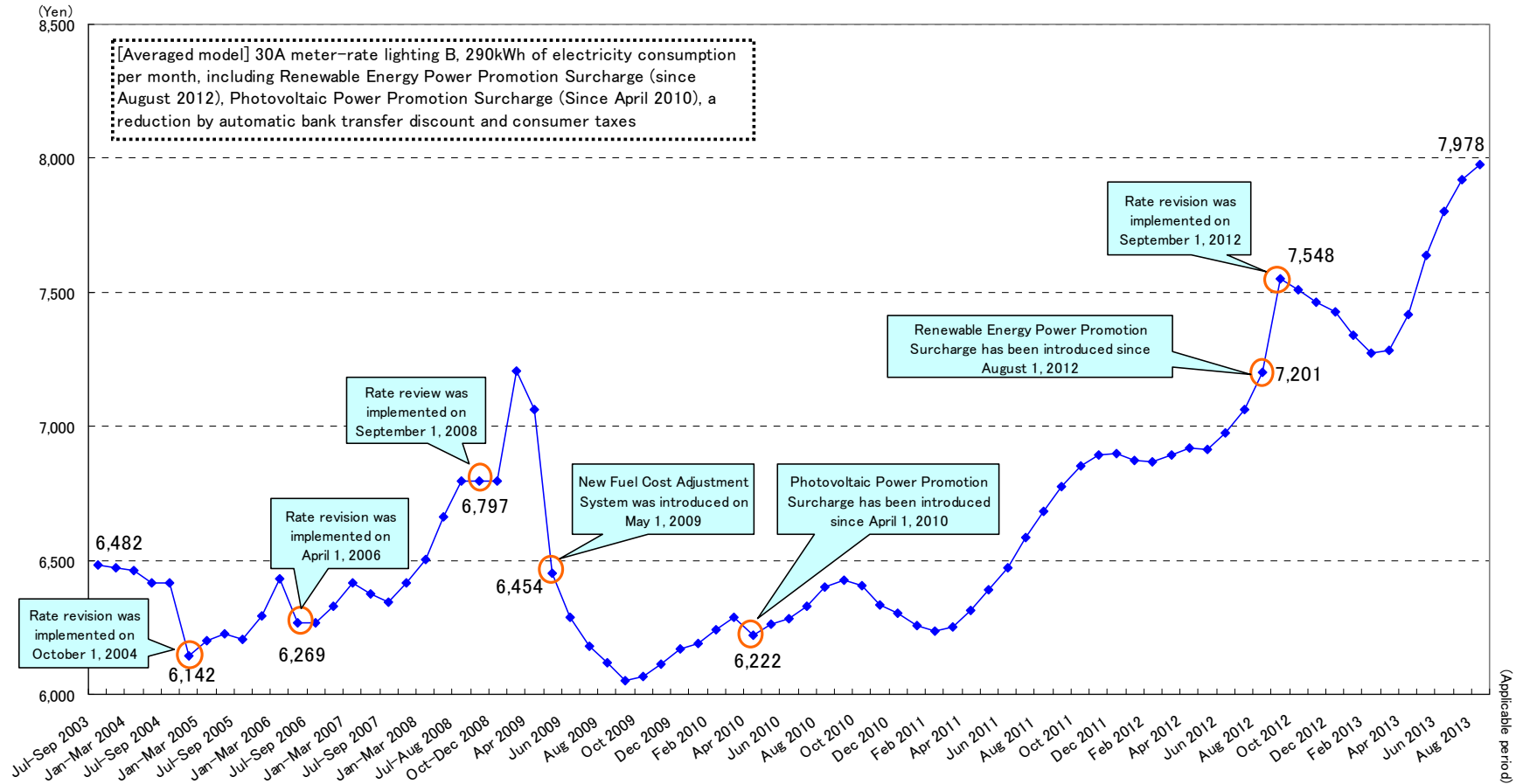
For example, the fuel cost adjusted unit price calculated based on (actual recorded) average fuel prices from January to March, shall be applied to June electricity prices.

[Conceptual Diagram]

Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.
					Electricity Rates for June			
Trade Statistics Prices from January to March			→					
	Trade Statistics Prices from February to April		→			Electricity Rates for July		
		Trade Statistics Prices from March to May		→			Electricity Rates for August	



<Reference> Changes in Electricity Rates of the Average Model in the Past 10 Years



- (4) Renewable Energy Power Promotion Surcharge (Renewable Energy Surcharge) based on the Feed-in Tariff Scheme for Renewable Energy and the Photovoltaic Power Promotion Surcharge (Solar Surcharge) based on the Surplus Electricity Buyback Program for Photovoltaic Power Generation

Based on the "Feed-in Tariff Scheme for Renewable Energy," the purchase costs of power generated by renewable energy will be added to the electricity bill as a "Renewable Energy Surcharge" for customers. The "Surplus Electricity Buyback Program for Photovoltaic Power Generation" was replaced by the "Feed-in Tariff Scheme for Renewable Energy" in July 2012. However, since the timing of charging the purchase cost is different for these two systems, we must request that our customers bear both the "Renewable Energy Surcharge" and "Solar Surcharge" during the transitional period.

Note: Please refer to page P102 – 103 for purchase conditions.

- Calculation of the Renewable Energy Surcharge unit price and the Solar Surcharge unit price  
The "Renewable Energy Surcharge unit price" (per kWh) for the said fiscal year (from April to March of the next year) is determined by the government based on the estimated subsidy amount to be given to each electric utility according to the purchase costs and the expected amount of each utility's power supply in the said fiscal year.

The "Solar Surcharge unit price" is calculated based on the actual costs incurred in the surplus electricity buyback from January to December of the previous year.

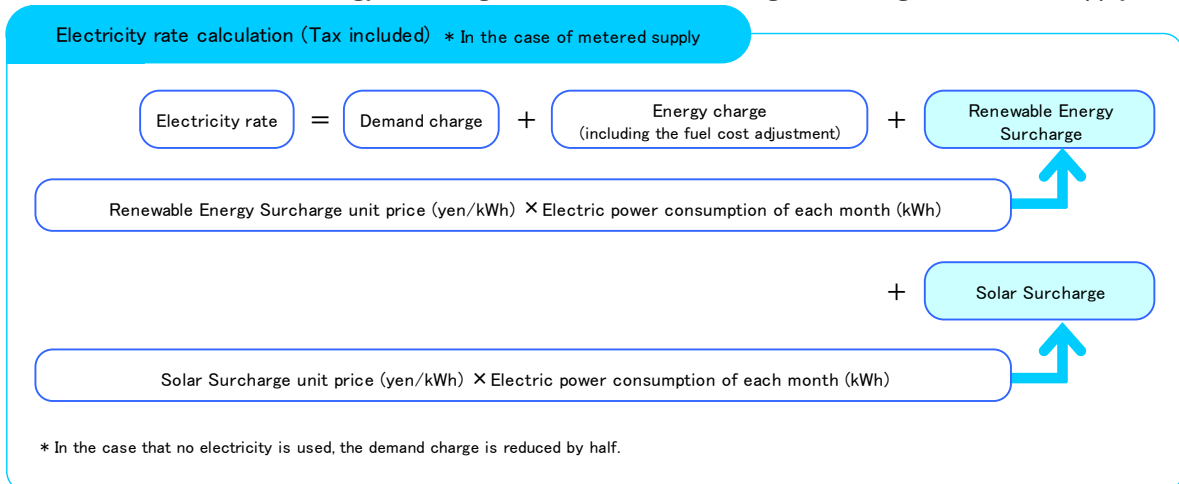
- Exemptions from the Renewable Energy Surcharge

Those involved in energy-intensive businesses\*1 and those afflicted by the Great East Japan Earthquake (until April 2013)\*2 are eligible to be exempt from the “Renewable Energy Surcharge.”

\*1 The basic unit of electricity consumption (consumption amount per sales intake) for manufacturers must exceed eight times the average. Non-manufacturing business entities fall under the conditions set down by the national government. For them, it is stipulated that the basic unit must exceed the non-manufacturing business entities’ multiple as established by the government (Government approval and notification to TEPCO required).

\*2 Those certified by the government as being afflicted by house or other facility/equipment damage due to the Great East Japan Earthquake or those who used electric power in the designated evacuation zone due to the nuclear accident that followed the Great East Japan Earthquake and evacuated to our service area (Notification to TEPCO required). Those afflicted by the Great East Japan Earthquake are eligible to be exempt from not only “Renewable Energy Surcharge” but “Solar Surcharge” which had been applied to the electricity bill from August 2012 to April 2013.

- How the Renewable Energy Surcharge and the Solar Surcharge are charged (Metered supply)



(Note) Please refer to such documentation as the monthly electricity usage statement and the monthly electricity rate bill (itemized electricity rate statement) for the surcharge amounts included in the monthly electricity bill.

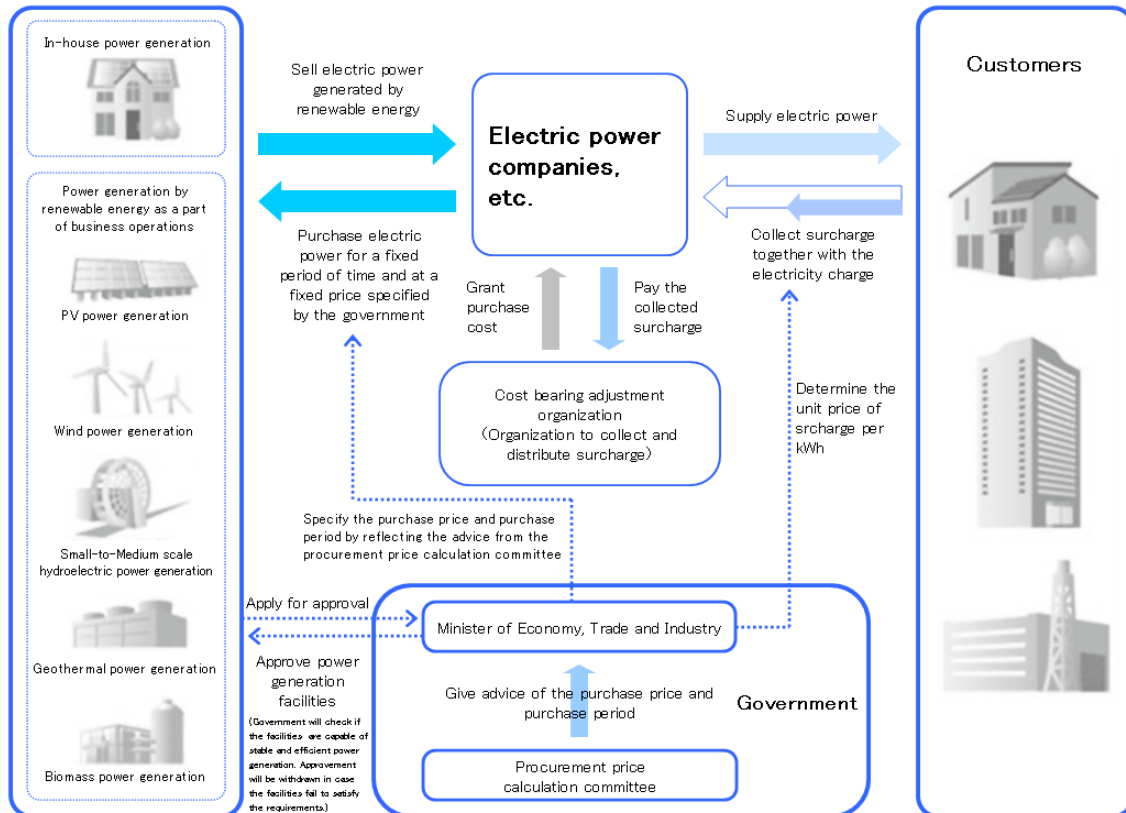
● The Renewable Energy Surcharge Unit Price and the Solar Surcharge Unit Price

		Unit	Renewable Energy Surcharge Unit Price (Inc. tax)		Solar Surcharge Unit Price (Inc. tax)			
			April 2013	From May 2013 to April 2014	April 2013	From May 2013 to April 2014		
Meter-Rate System	Low-Voltage Supply	1kWh	Yen 0.22	Yen 0.35	Yen 0.06	Yen 0.05		
	High-Voltage Supply	"	0.22	0.35	0.06	0.05		
	Extra High-Voltage Supply	"	0.22	0.35	0.06	0.05		
Fixed Rate System	Fixed Rate Lighting Service / Public Street Lighting Service, A	Lighting	Up to 10W	Per lamp	0.85	1.36	0.24	0.20
			Over 10W to 20W	"	1.71	2.72	0.49	0.41
			Over 20W to 40W	"	3.42	5.44	0.98	0.82
			Over 40W to 60W	"	5.13	8.16	1.47	1.23
			Over 60W to 100W	"	8.54	13.59	2.45	2.04
			For every 100W over 1st 100W	"	8.54	13.59	2.45	2.04
	Small Appliances	Up to 50VA	Per appliance	2.55	4.06	0.74	0.61	
		Over 50VA to 100VA	"	5.10	8.12	1.46	1.22	
		For every 100VA over 1st 100VA	"	5.10	8.12	1.46	1.22	
	Temporary Lighting Service, A	Up to 50VA	Per contract, per day	0.07	0.11	0.02	0.02	
		Over 50VA to 100VA	"	0.14	0.22	0.04	0.03	
		For every 100VA, over 1st 100VA up to 500VA	"	0.14	0.22	0.04	0.03	
		Over 500VA to 1kVA	"	1.38	2.19	0.40	0.33	
		For every 1kVA, over 1st 1kVA up to 3kVA	"	1.38	2.19	0.40	0.33	
	Temporary Power Service	Per kW, per day	1.45	2.30	0.41	0.35		
	Late-Night Electric Power, A	Per contract, per day	22.00	35.00	6.30	5.25		

- Feed-in Tariff Scheme for Renewable Energy

The Feed-in Tariff Scheme for Renewable Energy requires electric power companies, etc. to purchase the power generated by renewable energy at a fixed price during a fixed period of time. The power purchase price costs will be added to the customers' electricity bill.

< Feed-in Tariff Scheme for Renewable Energy >



\* Created based on information posted on the web page of the Agency for Natural Resources and Energy of the Ministry of Economy, Trade and Industry.

- Electric Power to be Purchased

Electric power generated by renewable energy (photovoltaic, wind, hydroelectricity, geothermal, biomass, etc.)

- Purchase Price and Purchase Period

- The purchase price and period are determined based on such factors as the type of renewable energy and scale of power generation.
- Please refer to the following chart for the FY2013 purchase price and purchase period.

The following purchase price and purchase period are applied to the renewable energy power generation facility applications (approved power facilities) newly received during the period of April 1, 2013 to March 31, 2014 in accordance with the Ministry of Economy, Trade and Industry Notification.

Categories of renewable energy power generation facilities, etc.		Purchase price (Yen/kWh, tax included)	Purchase period (Year)
Photovoltaic	Single installation	38.00	10
	Output: Less than 10kW Installed along with in-house power generation facilities, etc. (In the case that the power generated by the power generation facilities affects the supply amount of the power generated by renewable energy)	31.00	10
	Output: 10kW or more	37.80	20
Wind	Output: Less than 20kW	57.75	20
	Output: 20kW or more	23.10	20
Hydroelectric	Output: Less than 200kW	35.70	20
	Output: 200kW or more, less than 1,000kW	30.45	20
	Output: 1,000kW or more, less than 30,000kW	25.20	20
Geothermal	Output: Less than 15,000kW	42.00	15
	Output: 15,000kW or more	27.30	15
Biomass	1. Equipment which transforms methane (obtained from fermented biomass) into electric power	40.95	20
	2. Equipment which transforms unused woody biomass generated from cut down standing trees and bamboos or timber from forest thinning (excluding imported wood) into electric power (excluding 1 above and domestic waste power generation facilities)	33.60	20
	3. Equipment which transforms woody biomass or biomass generated from harvesting of agricultural produce (confined to biomass derived from the said agricultural produce) into electric power (excluding 1, 2 (above), 4 (below) and domestic waste power generation facilities)	25.20	20
	4. Equipment which transforms construction material waste into electric power (excluding 1 above and domestic waste power generation facilities)	13.65	20
	5. Domestic waste power generation facilities or biomass power generation facilities excluding 1 to 4 above	17.85	20

- Notes:
- As for the renewable energy power generation facilities (photovoltaic (with outputs of 10kW or more), wind, hydroelectric, geothermal or biomass), agreement must be made to pay for the incurred preparation costs in case applications are cancelled.
  - The certified photovoltaic power generation facilities with outputs of less than 10kW and owned by those operating multiple solar power generation facilities ("Solar roof rent") are deemed to be photovoltaic power generation facilities with outputs of 10kW or more.
  - The purchase price/period applied to the cases where multiple renewable energy power generation facilities coexist and the power supply amount of each facility cannot be identified.  
Purchase price: The lowest purchase price of all the (categories of) power generation facilities owned.  
Purchase period: The purchase period set accordingly to the purchase price above.

## (5) Overall Electricity Rates for Residential and Power Services

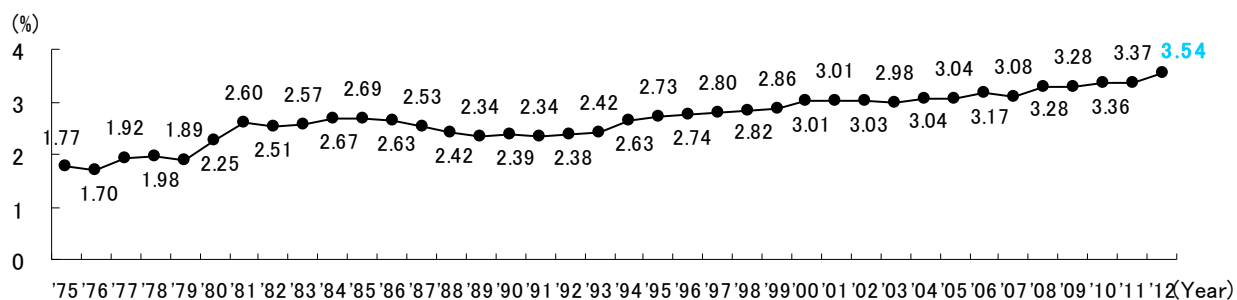
(Unit: yen/kWh)

FY	'75	'76	'77	'78	'79	'80	'81
Residential	15.85	17.67	19.17	18.44	19.36	28.12	28.74
Power	10.91	12.19	13.39	12.63	13.48	21.70	22.16
Total	12.22	13.61	14.90	14.17	15.01	23.38	23.90
FY	'82	'83	'84	'85	'86	'87	'88
Residential	28.80	28.99	29.13	29.25	27.03	25.74	25.20
Power	22.40	22.42	22.43	22.60	20.57	18.95	17.98
Total	24.10	24.18	24.21	24.38	22.31	20.79	19.94
FY	'89	'90	'91	'92	'93	'94	'95
Residential	24.70	24.78	24.86	24.93	24.80	24.68	24.52
Power	17.33	17.28	17.46	17.69	17.64	17.17	17.02
Total	19.35	19.34	19.53	19.77	19.73	19.40	19.28
FY	'96	'97	'98	'99	'00	'01	'02
Residential	24.28	24.68	23.65	23.33	23.50	23.36	21.89
Power	16.75	16.98	16.15	18.13	18.14	18.04	16.22
Total	18.99	19.27	18.43	20.34	20.41	20.30	18.68
FY	'03	'04	'05	'06	'07	'08	'09
Residential	21.97	21.35	21.25	21.28	21.48	22.98	20.90
Power	16.30	15.70	22.03	23.27	23.18	25.35	23.53
Total	18.74	18.17	21.34	21.52	21.67	23.24	21.18
FY	'10	'11	'12				
Residential	20.96	22.27	24.51				
Power	22.62	24.61	27.01				
Total	21.14	22.51	24.76				

- Notes: 1. Overall electricity rate =  $\frac{\text{Revenue from electricity sales} - \text{Additional charges due to the delayed payment}}{\text{Electricity sales} - \text{Amount of electric power used for business operations and construction work}}$
2. Figures after FY1999 exclude specified-scale demand.
3. Figures after FY2010 include the Photovoltaic Power Promotion Surcharge.
4. Figures after FY2012 include the Renewable Energy Surcharge.

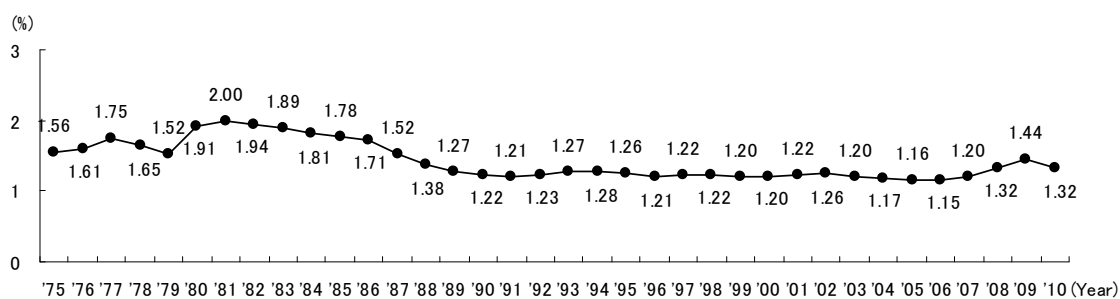
(6) Ratios of Electricity Bills to Household Expenses and Production Amount

a. Ratio of Electricity Bills to Household Expenses (all households nationwide)



Source: "Annual Report on Family Income and Expenditure Survey," Statistics Bureau, Ministry of Internal Affairs and Communications.

b. Ratio of Electricity Bills to Production Amount (total for manufacturing industry sector)



Source: "Census of Manufactures," Research and Statistics Department, Economic and Industrial Policy Bureau, Ministry of Economy, Trade and Industry.

c. Ratio of Electricity Bills to Production Amount (by industry)

Type	Ratio of Purchased Power Consumption to Production Amount (%)															
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Foodstuffs	1.13	1.12	1.15	1.15	1.13	1.16	1.20	1.20	1.18	1.18	1.21	1.21	1.25	1.26	1.28	1.25
Textiles*1	2.96	2.89	2.92	2.92	2.88	2.91	2.98	3.01	2.88	2.82	2.91	2.82	2.83	2.31	2.46	2.25
Paper and Pulp	1.84	1.78	1.87	1.86	1.80	1.82	1.88	1.99	1.88	1.84	1.88	2.01	2.05	2.10	2.05	2.00
Chemicals	1.54	1.51	1.55	1.53	1.45	1.46	1.45	1.44	1.40	1.39	1.44	1.53	1.54	1.68	1.67	1.61
Oil and Coal Products	0.68	0.64	0.55	0.52	0.44	0.38	0.36	0.35	0.35	0.32	0.29	0.26	0.34	0.37	0.39	0.28
Clay and Stone	3.16	3.03	3.04	3.04	2.95	2.90	2.99	3.20	3.14	3.05	2.92	2.96	3.02	3.23	3.71	3.29
Iron and Steel	3.75	3.60	3.66	3.59	3.62	3.74	3.82	3.92	3.54	3.20	2.87	2.97	2.92	3.05	3.51	3.34
Nonferrous Metals	2.60	2.45	2.46	2.50	2.61	2.55	2.58	2.54	2.58	2.34	2.19	1.75	1.66	1.98	2.58	1.97
(Zinc)	(14.32)	(11.52)	(10.83)	(11.98)	(11.91)	(12.42)	(14.84)	(16.48)	(14.38)	(17.57)	(12.97)	(9.06)	(10.85)	(13.79)	(16.35)	(13.82)
General Machinery*2	0.77	0.75	0.76	0.77	0.82	0.81	0.83	0.88	0.83	0.78	0.76	0.72	0.73	0.79	0.94	0.84
Electrical Machinery	0.89	0.87	0.86	0.91	0.92	0.89	0.98	0.83	0.76	0.75	0.76	0.76	0.72	0.69	0.80	0.71
Transport Machinery	0.80	0.78	0.78	0.78	0.75	0.77	0.73	0.67	0.64	0.63	0.60	0.56	0.63	0.69	0.78	0.70
Total for Manufacturing Industry Sector	1.26	1.21	1.22	1.22	1.20	1.20	1.22	1.26	1.20	1.17	1.16	1.15	1.20	1.32	1.44	1.32

\*1 Since FY2008, clothes and other textile products are included.

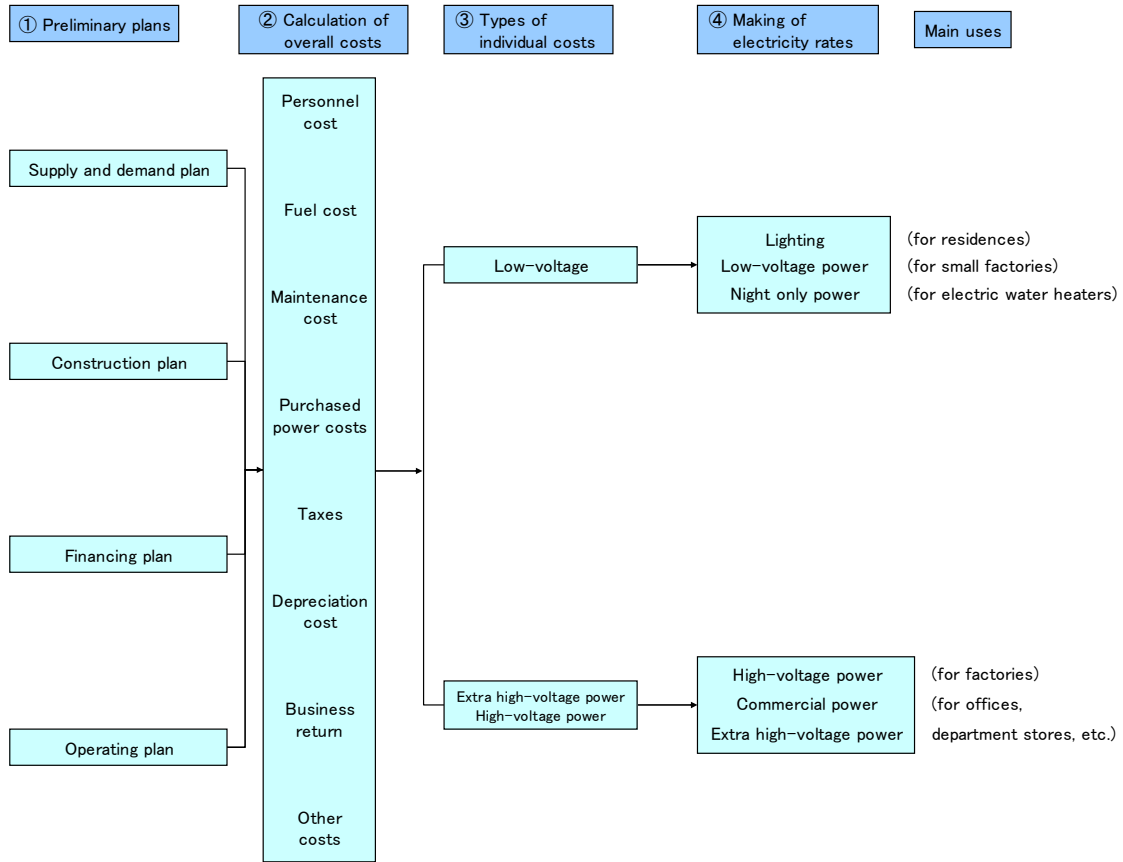
\*2 Since FY2008, total amount for the "general-purpose machinery and apparatuses manufacturing industry," "production machinery and apparatuses manufacturing industry" and "business-use machinery and apparatuses manufacturing industry" are combined. (The amount now includes part of the amount for the former "precision machinery and apparatuses manufacturing industry" category because of the change of the classification).

Source: "Census of Manufactures," Research and Statistics Department, Economic and Industrial Policy Bureau, Ministry of Economy, Trade and Industry.



## 2. Calculation and Revision of Electricity Rates

### (1) Calculation Process of Electricity Rates



Notes: Business return is equivalent to interest expense, dividend, and other like. It is the sum total of electric utility fixed assets, nuclear fuel assets, assets under construction, deferred assets, working capital, and designated investment as a rate base, multiplied by the rate of return.

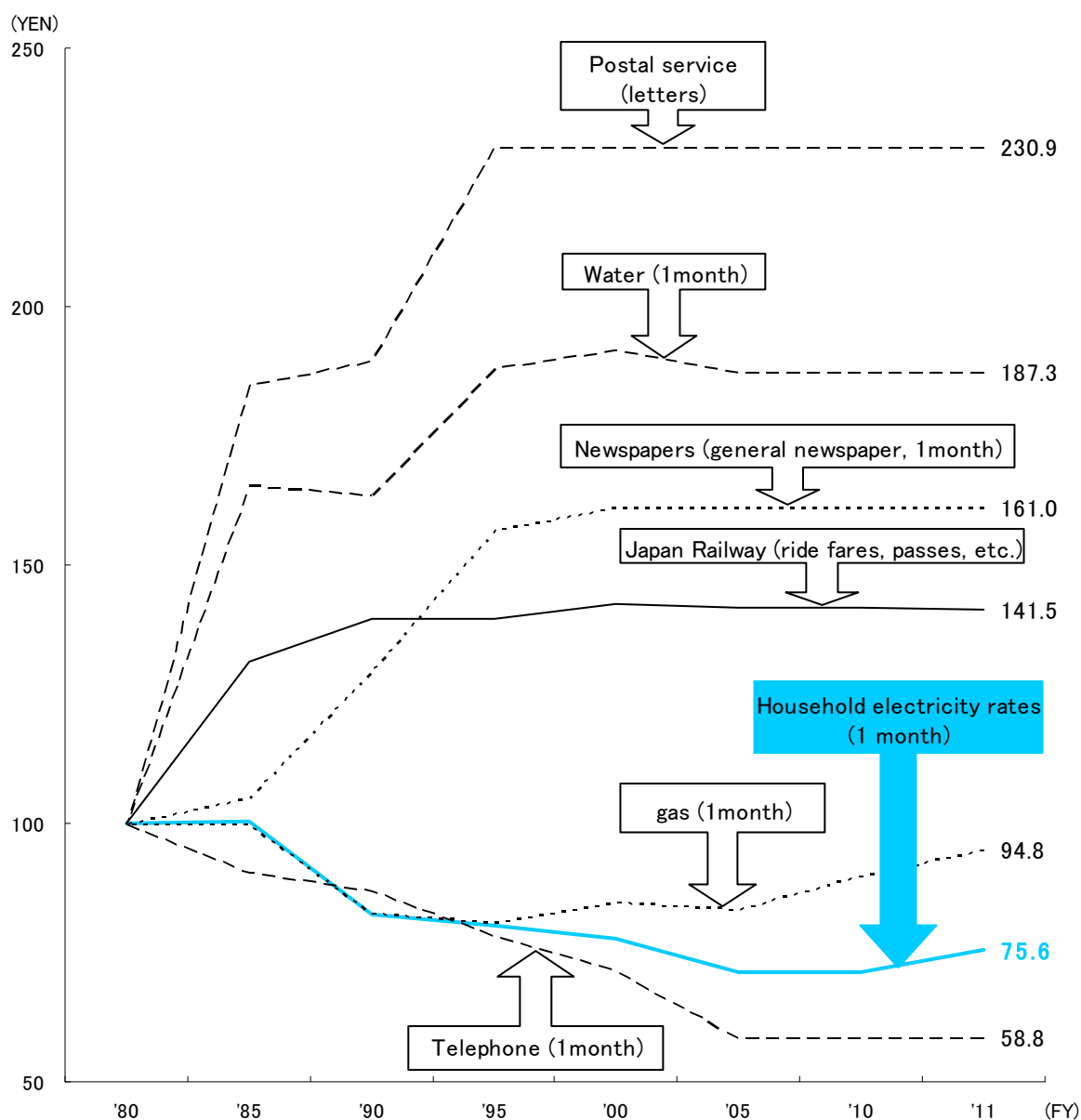
(2) Electricity Rates Revision History

Subject Companies	Date Effected	Rate of Adjustment (%)		Change Factors	
9 power companies	August 13, 1951	Average 30.1	(Tokyo 24.0)	Result of rising price of goods and increased capital expenses because of first asset re-evaluation	
9 power companies	May 11, 1952	Average 28.1	(Tokyo 24.2)	Result of rising price of goods and increased capital expenses because of second asset re-evaluation	
9 power companies	October 1, 1954	Average 11.2	(Tokyo 11.6)	Result of increased capital expenses from power development because of third asset re-evaluation	
Tohoku Electric Power Hokuriku Electric Power	July 14, 1957	Tohoku Hokuriku	17.8 18.14	Result of increased capital expenses from power development	
Kyushu Electric Power	March 21, 1961		10.5	Result of increased capital expenses from power development and poor balance of accounts after suspension of hydroelectric and thermal power adjustment fund	
TEPCO	August 5, 1961		13.7	Result of increased capital expenses from power development and expansion and strengthening of transmission / distribution equipment, and rising fuel costs	
Tohoku Electric Power	August 5, 1961		12.63	Result of increased capital expenses from power development and rising fuel costs and purchased power costs	
Chubu Electric Power	April 1, 1965		7.89	Result of increased capital expenses from power development and rising fuel costs	
Hokuriku Electric Power	August 9, 1966		6.38	Result of increased capital expenses from power development	
Chugoku Electric Power	October 15, 1966		-3.91	Result of rate gap correction after management streamlining	
Shikoku Electric Power Kansai Electric Power	September 29, 1973	Shikoku Kansai	17.75 22.23	Result of increased investment for pollution prevention and environmental mitigation, spike in fuel costs, soaring price of various goods, increased capital expenses during power development	
9 power companies	June 1, 1974	Average 56.82	(Tokyo 63.04)	Result of soaring fuel costs, costs of environmental measures and increased capital expenses from power supply equipment expansion, and soaring price of various good	
4 power companies	June 26, 1976	Hokkaido Hokuriku	30.33 26.06	Tohoku Kyushu	28.47 24.84
Kansai Electric Power	August 10, 1976		22.22	"	
4 power companies	August 31, 1976	Tokyo Chugoku	21.01 22.19	Chubu Shikoku	22.47 22.81
Hokkaido Electric Power	February 12, 1980		34.23	Result of soaring fuel costs and increased capital expenses	
8 power companies	April 1, 1980	Average 50.83 (excluding Hokkaido)	(Tokyo 52.33)	"	
Hokkaido Electric Power	October 1, 1981		18.11	"	
10 power companies	January 1, 1988	Average for 9 power companies	-17.83 (Tokyo -19.16)	Result of reduction of fuel costs	
10 power companies	April 1, 1989	Average -2.96	(Tokyo -3.11)	Revision of base price with implementation of consumption tax	
10 power companies	January 1, 1996	Average -6.29	(Tokyo -5.39)	Reduction of base price based on management efficiency initiative results and outlook	
10 power companies	February 10, 1998	Average -4.67	(Tokyo -4.20)	"	
10 power companies	October 1, 2000	Average -5.42	(Tokyo -5.32)	"	
TEPCO	April 1, 2002		-7.02	"	
Tohoku Electric Power	July 1, 2002		-7.10	"	
Chubu Electric Power	September 1, 2002		-6.18	"	
7 power companies	October 1, 2002	Hokkaido Kansai Shikoku Okinawa	-5.39 -5.35 -5.22 -5.79	Hokuriku Chugoku Kyushu	-5.32 -5.72 -5.21
TEPCO	October 1, 2004		-5.21	"	
3 power companies	January 1, 2005	Tohoku Kyushu	-4.23 -5.46	Chubu	-5.94
5 power companies	April 1, 2005	Hokkaido Kansai Shikoku	-4.04 -4.53 -4.23	Hokuriku Chugoku	-4.05 -3.53
Okinawa Electric Power	July 1, 2005		-3.27	"	
4 power companies	April 1, 2006	Tokyo Chubu	-4.01 -3.79	Kansai Kyushu	-2.91 -3.71
6 power companies	July 1, 2006	Hokkaido Hokuriku Shikoku	-2.85 -2.65 -2.57	Tohoku Chugoku Okinawa	-3.05 -2.51 -3.24
Hokuriku Electric Power	March 1, 2008		-	Revision of wheeling charge	
Chubu Electric Power	April 1, 2008		-	Reduction of base price based on management efficiency initiative results and outlook	
8 power companies	September 1, 2008	Hokkaido Tokyo Chugoku Kyushu	- -1.00 -1.18	Tohoku Kansai Shikoku Okinawa	- - - -0.45
TEPCO	September 1, 2012		8.46	Result of increased fuel costs because of the outage of nuclear power plants, etc.	
2 power companies	May 1, 2013	Kansai	9.75	Kyushu	6.23
3 power companies	September 1, 2013	Hokkaido Shikoku	7.73 7.80	Tohoku	8.94

(Reference Data)

8 power companies	October 1978 – March 1979	Average drop in unit price 1.35 yen (Tokyo 1.65 yen) (Exc. Hokkaido)	Temporary rate reduction measures following high yen
10 power companies	June 1986 – December 1986	Average drop in unit price for 9 power companies 2.20 yen (Tokyo 2.39 yen)	Temporary rate reduction following high yen, drop in crude oil prices, etc.
10 power companies	January 1987 – December 1987	Average drop in unit price for 9 power companies 3.10 yen (Tokyo 3.50 yen)	"
10 power companies	November 1993 – September 1994	Average drop in unit price 0.35 yen (Tokyo 0.37 yen)	Temporary rate reduction measures following high yen, etc.
10 power companies	October 1994 – June 1995	Average drop in unit price 0.35 yen (Tokyo 0.37 yen)	"
10 power companies	July 1995 to time of rate changes	Average drop in unit price 0.40 yen (Tokyo 0.42 yen)	Temporary rate reduction measures following high yen, etc. (expansion continuing)

<Reference> Comparison of Rate Increases for Electric Power and Other Public Services (in Tokyo Metropolitan 23 wards)

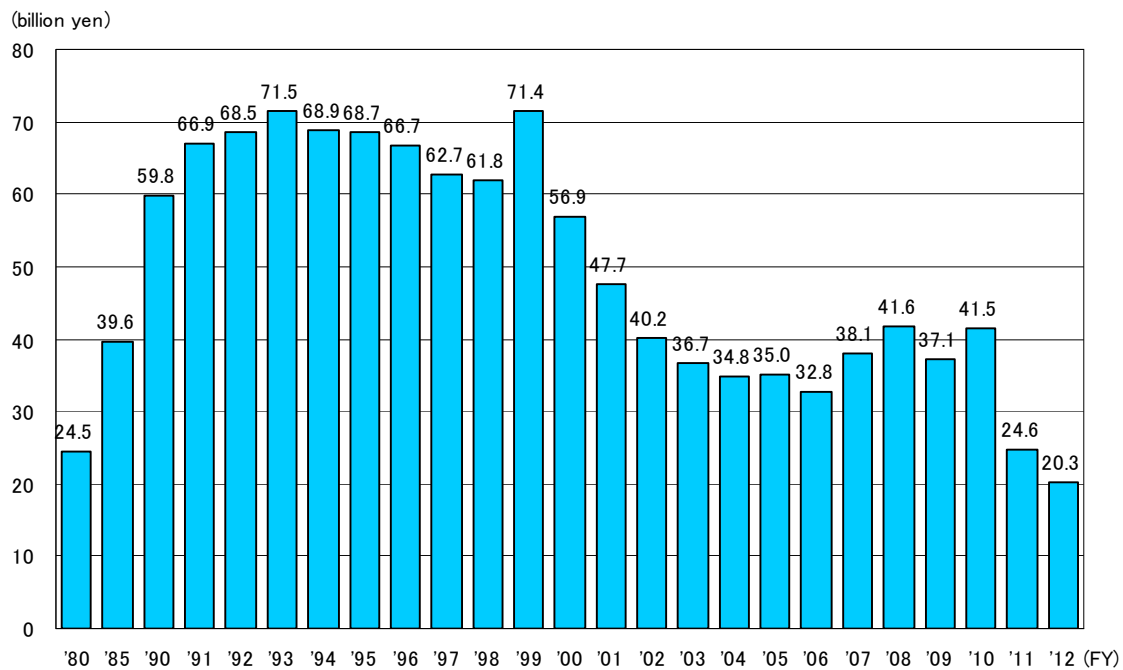


Source: Document of Statistics Bureau, Ministry of Internal Affairs and Communications

## X. Technology Development and Renewable Energy

### 1. Research and Development

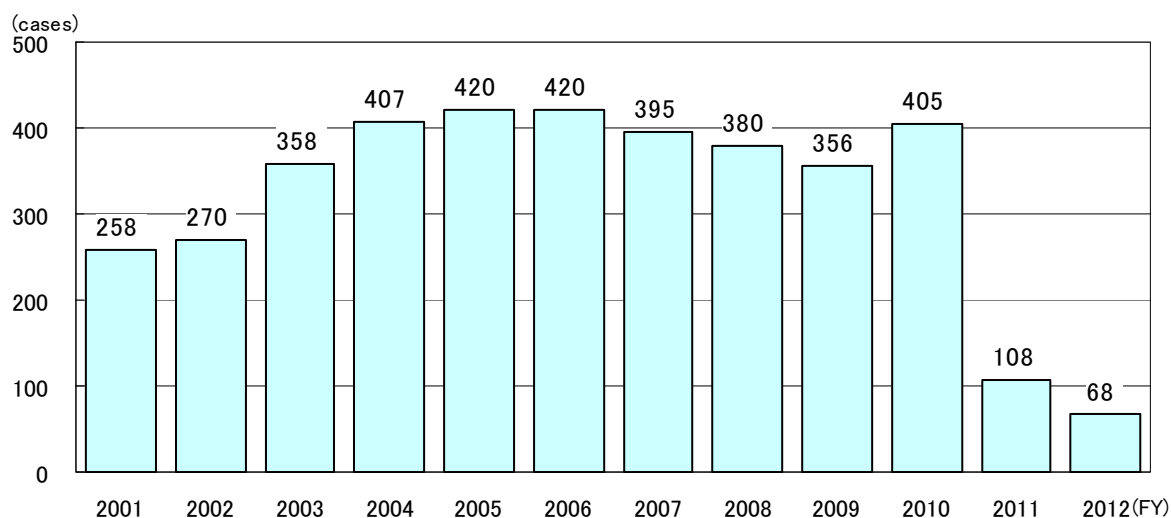
#### (1) Changes in Research and Development Expenditure



#### (2) Ratio of Research and Development Expenditure to Sales

FY	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Ratio	0.8	1.0	1.4	1.4	1.4	1.2	1.2	1.4	1.1	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.5	0.4

#### (3) Changes in the Number of Patent Applications



2. Renewable Energy

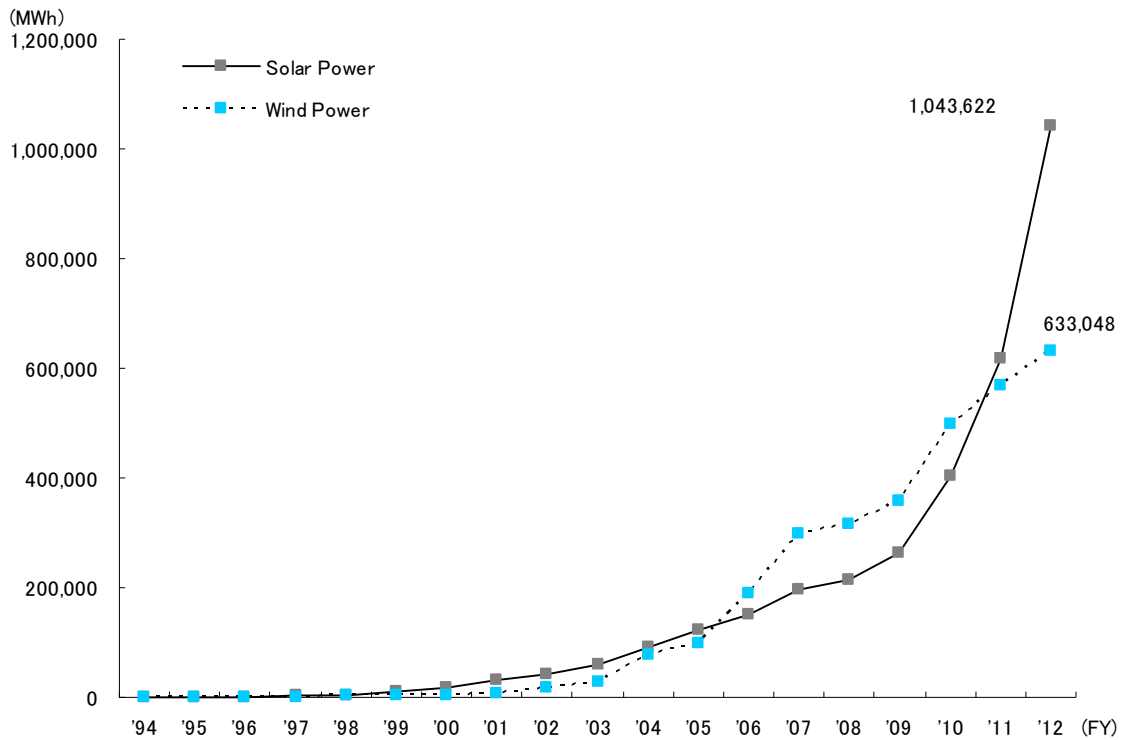
(1) Purchase of Surplus Power from Solar, Wind and Waste Power Plants

- Purchases (as of the end of March 2013, become effective on FY1992)

(Output unit: kW)

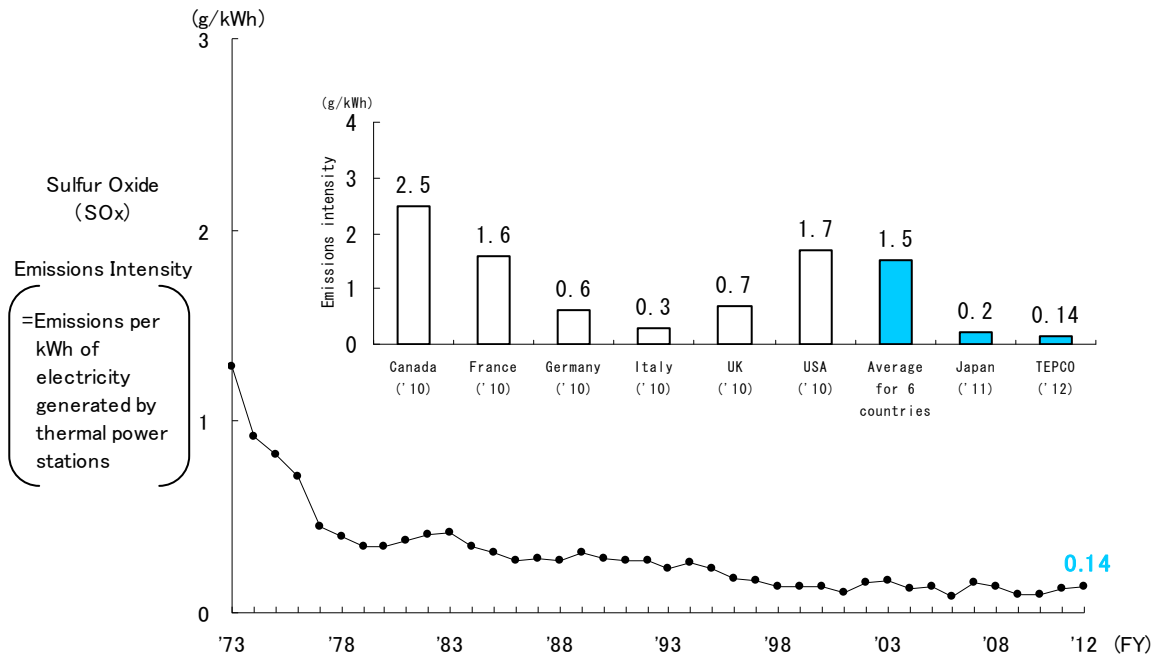
	FY1993		FY1994		FY1995		FY1996		FY1997	
	No. of Spot	Output (kW)	No. of Spot	Output (kW)	No. of Spot	Output (kW)	No. of Spot	Output (kW)	No. of Spot	Output (kW)
Solar	13	185	136	702	452	1,944	1,056	4,278	2,578	10,438
Wind	0	0	1	250	1	250	1	250	2	1,050
Waste	22	127,560	28	152,860	36	235,600	40	261,500	44	290,490
	FY1998		FY1999		FY2000		FY2001		FY2002	
	No. of Spot	Output (kW)	No. of Spot	Output (kW)	No. of Spot	Output (kW)	No. of Spot	Output (kW)	No. of Spot	Output (kW)
Solar	4,440	17,131	7,870	33,891	13,780	62,064	19,559	96,519	27,484	103,822
Wind	3	2,250	4	2,550	4	2,550	8	4,696	12	11,496
Waste	48	366,090	49	379,390	55	430,190	58	432,890	63	474,840
	FY2003		FY2004		FY2005		FY2006		FY2007	
	No. of Spot	Output (kW)	No. of Spot	Output (kW)	No. of Spot	Output (kW)	No. of Spot	Output (kW)	No. of Spot	Output (kW)
Solar	39,872	146,292	56,698	207,540	75,195	272,735	92,977	334,959	107,846	385,207
Wind	17	36,243	25	55,415	52	66,310	42	184,620	47	214,600
Waste	63	471,740	61	437,240	58	334,227	60	341,217	59	330,818
	FY2008		FY2009		FY2010		FY2011		FY2012	
	No. of Spot	Output (kW)	No. of Spot	Output (kW)	No. of Spot	Output (kW)	No. of Spot	Output (kW)	No. of Spot	Output (kW)
Solar	123,649	437,171	159,883	565,204	217,996	787,213	298,731	1,117,785	401,335	1,692,402
Wind	46	224,546	48	243,146	53	351,148	52	349,168	55	368,948
Waste	55	285,818	54	276,208	53	273,488	54	282,688	53	284,438

<Reference> Purchase of Electricity from Solar and Wind Power

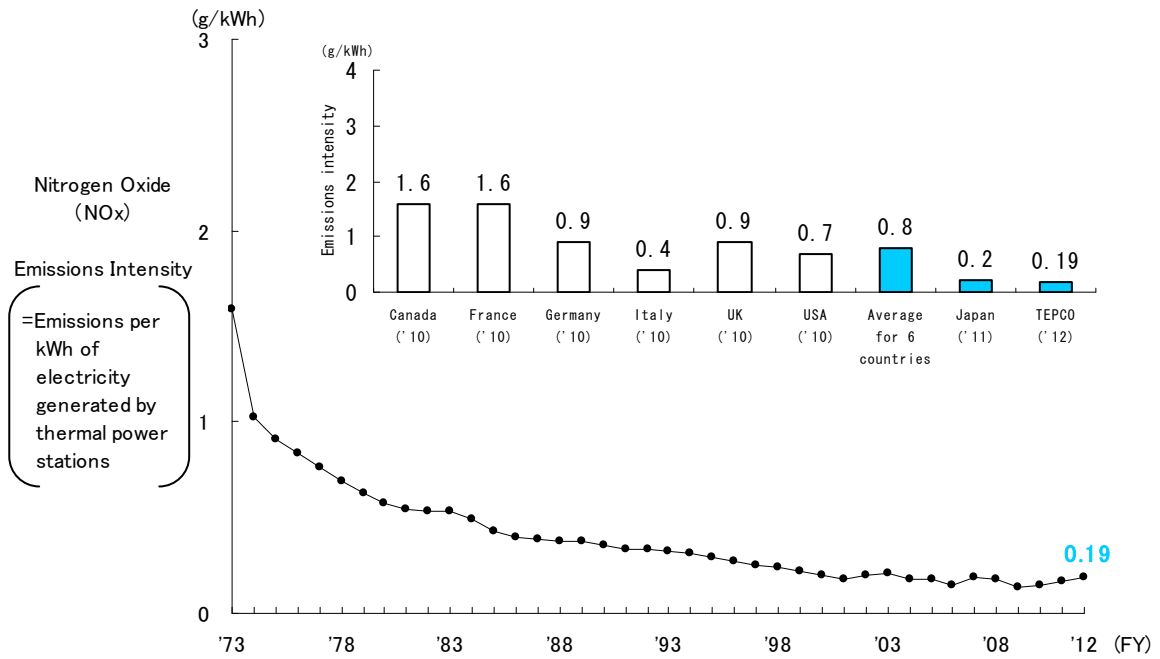


# XI. Environmental Protection Measures

## 1. Changes in SOx and NOx Emissions Intensity per Power Output from Thermal Power Stations

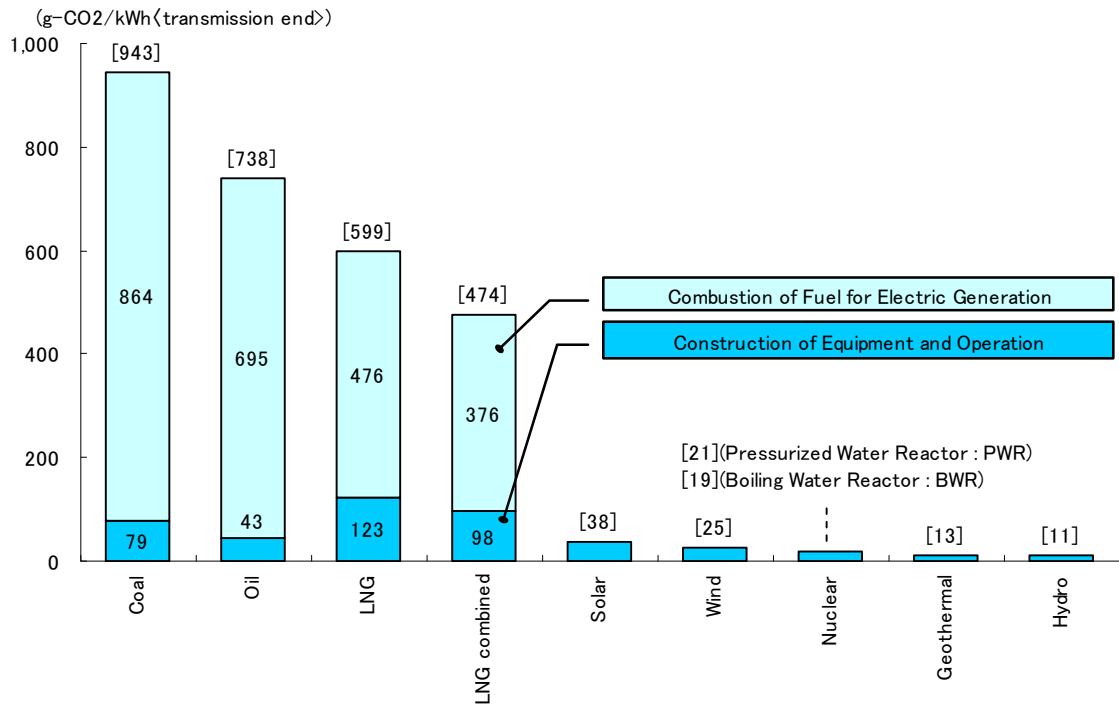


Sources: Emissions are based on "OECD.StatExtracts" and electricity generations are based on "IEA ENERGY BALANCES OF OECD COUNTRIES 2012 EDITION."  
 Figures for Japan are based on a survey of the Federation of Electric Power Companies.



Sources: Emissions are based on "OECD.StatExtracts" and electricity generations are based on "IEA ENERGY BALANCES OF OECD COUNTRIES 2012 EDITION."  
 Figures for Japan are based on a survey of the Federation of Electric Power Companies.

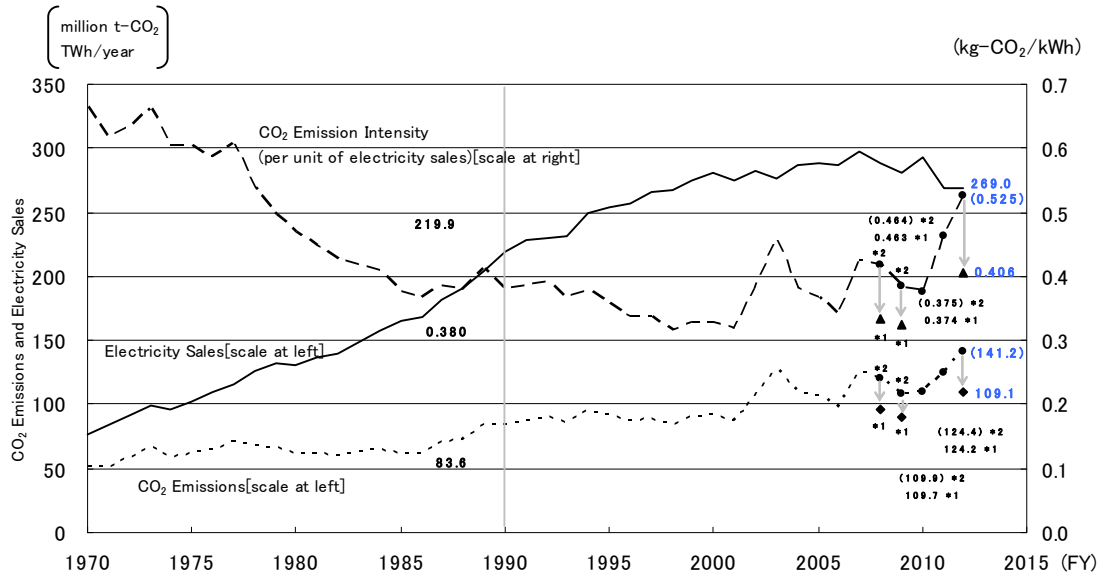
<Reference> CO<sub>2</sub> Emissions per kWh of Electricity Usage (for Life Cycle CO<sub>2</sub> by type of power source in Japan)



- Notes:
1. The amounts of emitted CO<sub>2</sub> shown are the calculated amounts of CO<sub>2</sub> emitted as a result of the combustion of fuels for power generation and the consumption of (all kinds of) energies for the associated mining, power generation facility construction, fuel transport and purification and operation and maintenance of facilities. The amount of emitted CO<sub>2</sub> for nuclear power was calculated taking into consideration the planned domestic reprocessing of spent fuels and use of pluthermal (on the premise that the number of times of recycling is one), as well as the generation of high-level radioactive wastes.
  2. Totals may not agree with the sum because of being rounded off.

Source: "Report of Central Research Institute of Electric Power Industry" (July 2010)

## 2. Changes in TEPCO's CO<sub>2</sub> Emissions and Emissions Intensity

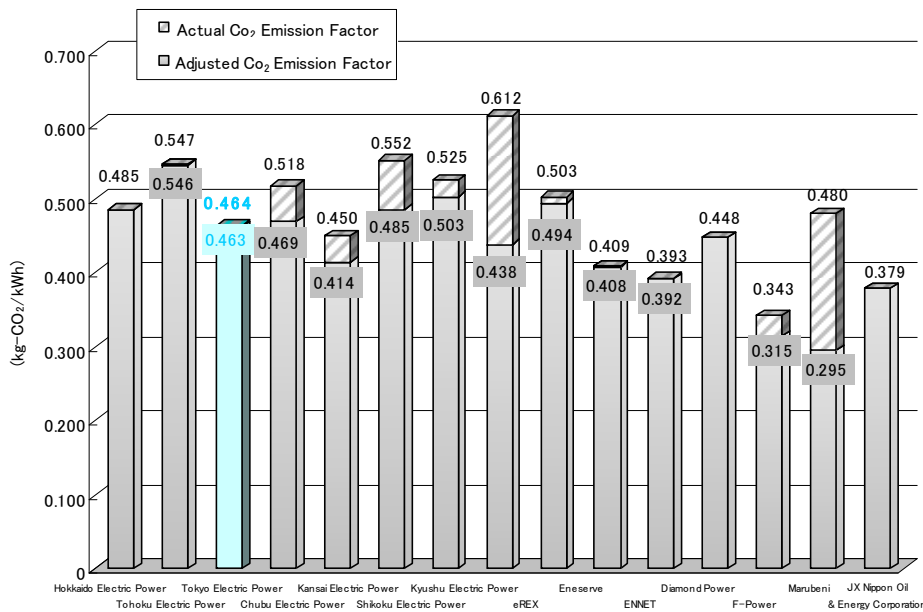


\*1 Values reflecting carbon credits.

\*2 Values without carbon credits.

Note: TEPCO's CO<sub>2</sub> emission intensity values were calculated in accordance with the "System for Calculating, Reporting and Publishing Greenhouse Gas Emissions" established pursuant to the "Act on Promotion of Global Warming Countermeasures." The System does not take into account CO<sub>2</sub> reduction values such as those created by tradable green certificates.

### <Reference> List of CO<sub>2</sub> Emission Factor for Each Company (FY2011)



\* CO<sub>2</sub> emission factor published based on the "Law Concerning the Promotion of the Measures to Cope with Global Warming" (published by Ministry of the Environment on November 6, 2012)



3. Internal Environmental Costs (for TEPCO alone in FY2012)

(Unit: billion yen)

Environmental Preservation Measures		Investments	Expenses	Major Details	
Environmental Management	Enhancement of organization and employee education	—	2.7	Personnel expenses, support for employees to obtain qualifications in the environmental field and training.	
	Improvement of environmental management system	—	—	Acquisition of certificates from outside organizations, and preparation of environment reports.	
	Green procurement and purchasing	—	—	Purchase of materials, equipment, products, etc. with consideration given to the environment.	
Global Environmental Preservation	Mitigation of global warming	10.2	54.2	Introduction of natural energy	
	Protection of ozone layer	—	—	Reduction of regulated chlorofluorocarbons (CFCs).	
Regional Environmental Preservation	Environmental impact measurement and monitoring	0.9	0.5	Environmental impact assessment and environmental load measurement.	
	Environmental pollution control	Air pollution control	32.6	54.1	Flue gas desulfurization and denitrification, combustion improvement, installation of electrostatic precipitators and fuel measures.
		Water pollution control	15.6	2.4	Effluent treatment, prevention of oil leakage and measures to deal with thermal effluent.
		Noise and vibration control	1.0	0.1	Facility measures (e.g., installation of inlet silencers) and measures during construction work (e.g., use of innovative engineering methods).
		Soil contamination and land subsidence control, etc.	—	0.0	Land subsidence measurements and water quality monitoring.
	Management of radioactive substances	—	8.6	Treatment of radioactive substances, and radiation control and measurement	
	Nature conservation and harmony with the environment	Natural environment protection	0.2	1.3	Afforestation of TEPCO's establishments and nature conservation activities in the Oze marshland.
Landscaping and urban space measures		42.4	—	Construction of underground transmission and distribution facilities and consideration to the configurations and color schemes of facilities.	
Technology Developments		—	4.7	Research and development for reducing environmental loads and related to generation facility.	
Resource Recycling	Reduction in waste production and waste recycling	0.2	10.1	Reduction in quantity, storage, treatment and recycling of waste, and their disposal in landfills.	
Social Contributions	Cooperation with communities	—	0.2	Community beautification and afforestation activities, and environment related donations and support.	
	Environmental education support and publicity activities	—	—	Environmental education support activities and environmental advertisements.	
Others	Environment-related charges, etc.	—	2.6	Pollution load charges (under the pollution related health damage compensation program).	
<b>Total (reference)</b>		103.1	141.9		

- Notes:
1. Figures do not include a part of the cost related to the nuclear power plant.
  2. Expenses do not include depreciation costs.
  3. Costs for power generation systems for hydro-electric, nuclear and LNG thermal power, which contribute to the reduction of CO<sub>2</sub> emissions, are excluded since they cannot be regarded as an additional cost for environmental protection.
  4. Totals may not agree with the sum because of being rounded off.

4. TEPCO's Efforts toward Recycling of Industrial Waste etc  
 <Major industrial waste, etc. by type> (FY2012)

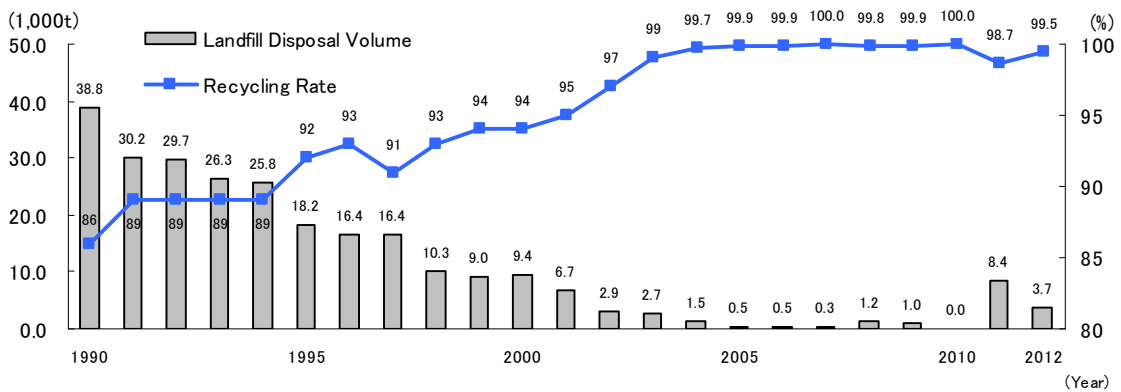
Type of Waste	Waste Produced* <sup>1</sup> (1,000 t/year)	Recycling Application
Coal ash	420.4	Cement raw material, land reclamation material
Scrapped concrete utility poles	116.9	Roadbed material
Gypsum recovered through desulfurization	66.1	Building material, cement raw material
Metal scrap	40.3	Metal material, recycle wire
PCB, etc.	20.8	Insulation oil: Recycled into power generation fuel after detoxifying treatment Transformer: Recycled into steel, copper raw material after cleaning
Shells	7.3	Roadbed material
Heavy / Crude oil ash	6.6	Metal recovery, cement raw material
Wastewater treatment sludge* <sup>2</sup>	6.5	Roadbed material, cement raw material
Waste oil	2.3	Fuel substitute, heat recovery
Others	10.8	—
<b>Total</b>	<b>698.0</b>	

\*1 Waste produced = salvaged material + material reused in-house + industrial waste

(Radioactive waste, which is governed by laws concerning nuclear power, is not included in industrial waste, etc.)

\*2 Weight after dehydration.

<Changes in Recycling Rate\* of Industrial Waste, etc. and Landfill Disposal Volume>



$$* \text{Recycling rate (\%)} = \frac{\text{Recycle quantity (includes quantities of valuables and reuse goods)}}{\text{Generation quantity of industrial wastes}} \times 100 (\%)$$

## 5. Overview of PCB Treatment Facilities

Name of the facility	Overview	Commencement date	Volume of PCB-based insulating oil treatment so far (As of the end of March 2013)
<b>TEPCO Kawasaki Recycle Center (located adjacent to Higashi Ohgishima Thermal Power Station)</b>	PCB-based insulating oil decomposition treatment and pole-mounted transformer container cleaning facility	PCB-based insulating oil decomposition treatment facility: October 1, 2002 PCB container cleaning treatment facility: November 4, 2003	PCB-based insulating oil decomposition treatment: Approx. 11,800 kℓ (equivalent to 236,000 units*) PCB container cleaning treatment: Approx. 740,000 units
<b>TEPCO Chiba Recycle Center (located adjacent to Chiba Thermal Power Station)</b>	TEPCO's second PCB-based insulating oil treatment facility	March 15, 2002	Approx. 5,000 kℓ (equivalent to 100,000 units*)
<b>TEPCO Yokohama Recycle Center (located adjacent to Yokohama Thermal Power Station)</b>	Japan's first full-scale PCB-based insulating oil treatment facility	October 16, 2001	Approx. 11,500 kℓ (equivalent to 230,000 units*)
<b>TEPCO Gunma Recycle Center (located adjacent to Shin-Nitta Substation)</b>	Trace PCB contaminated equipments container cleaning facility	March 1, 2013	-

\* When converted to number of pole-mounted transformers with average capacity (30kVA ; oil volume 50ℓ)

### ● Number of Electric Equipments with PCB Owned by TEPCO

(Survey results as of the end of FY2012)

		Number of Electric Equipments on Hand
<b>Trace PCB Contaminated Equipments</b>	<b>Pole-Mounted Transformer (thousand units)</b>	Approx. 660
<b>High Concentration PCB Contaminated Equipments</b>	<b>High-Voltage Transformer-Capacitor* (units)</b>	Approx. 2,700

\* These equipments are treated by Japan Environmental Safety Corporation (JESCO).  
Excluding equipments less than 10kg.

## XII. Related Businesses

### 1. Major Affiliated Companies

#### (1) Consolidated Subsidiaries

(As of July 1, 2013)

Company Name	Location	Capital (million yen)	Description of Major Business	Ratio of voting rights		Business Contents Related to TEPCO
				- The number shown in the parentheses ( ) indicates that the number is included in the left ratio.	- The number shown in the parentheses ( ) indicates that the number is excluded in the left ratio.	
TODEN REAL ESTATE Co., Inc.	Chuo-ku, Tokyo	3,020	Rental and management of office space, company housing and housing for single individuals	100.00%	-	Entrustment of management of real property, rental of company housing
The Tokyo Electric Generation Company, Incorporated	Taito-ku, Tokyo	2,500	Supplying electricity from hydroelectric power	100.00%	-	Purchase of generated power
Tokyo Power Technology Ltd.	Koto-ku, Tokyo	100	Construction, operation, maintenance and environmental protection of thermal and nuclear power generation equipment	100.00%	-	Inspection work of thermal and nuclear power generation equipment, maintenance operation of environmental facilities
Tokyo Electric Power Services Company, Limited (TEPCO)	Koto-ku, Tokyo	40	Civil engineering, construction and electric facility design and supervision	100.00%	-	Entrustment of design and supervision of power generation, transmission and conversion facilities
TEPCO SYSTEMS CORPORATION	Koto-ku, Tokyo	350	Computer system planning, development, maintenance and operation	100.00%	-	Entrustment of computer business processing, entrustment of software development and maintenance
Tokyo Densetsu Service Co., Ltd.	Taito-ku, Tokyo	50	Power generation, transmission and conversion equipment patrolling, inspection and repair	100.00%	-	Entrustment of maintenance of power transmission and conversion facilities
TEPCO RESOURCES INC.	Canada	C\$149.4million	Uranium excavation and refining	100.00%	-	-
Tokyo Electric Power Company International B.V.	Netherlands	€240million	Investment in afforestation projects	100.00%	-	-
CareerRise Corporation	Chuo-ku, Tokyo	200	Job placement, temporary staffing	100.00%	-	Temporary staffing, etc.
Tepco Town Planning Corporation Limited	Meguro-ku, Tokyo	100	Redevelopment and city planning, and consulting, design and building of underground facilities	100.00%	-	Entrustment of construction and protection of distribution facilities
The TEPCO Reinsurance Company PCC Limited	United Kingdom	120	Exclusive reinsurance of TEPCO Group	100.00%	-	-
TEPCO Australia Pty. Ltd.	Australia	A\$72.83 million	Investment and financing in overseas project companies	100.00%	-	-
Bio Fuel Co., Inc.	Koto-ku, Tokyo	490	Fuel processing facility planning, design, building, operations and maintenance, and development of biomass and other renewable resources	100.00%	-	-
TEPCO Trading Co., Ltd.	Chiyoda-ku, Tokyo	100	Purchase and sales of LNG	100.00%	-	Entrustment of LNG purchase contract
TEPCO HUMMING WORK CO., LTD.	Hino-shi, Tokyo	60	Printing, copying, cleaning, gardening service and others	100.00%	-	Entrustment of printing and gardening services
TEPCO Land Management Corporation	Arakawa-ku, Tokyo	100	Utility pole site work, management of power transmission line sites and other land owned by TEPCO, acquisition of power transmission line sites	100.00%	-	Entrustment of land management
Tokyo Keiki Kogyo Co., Ltd.	Ota-ku, Tokyo	100	Repair and replacement of business meters	100.00%	-	Entrustment of repair and replacement of business meters
Fuel TEPCO	Koto-ku, Tokyo	40	Sales and marine shipping of heavy oil, etc., thermal power station disaster prevention and security, LNG import representative operation	100.00%	-	Purchase of fuel oil, entrustment of thermal power station disaster prevention
TODEN Lease Corporation	Minato-ku, Tokyo	100	Automobile leasing, lease of institutional use electric appliance etc.	100.00%	-	Rental of automobile and equipments
Toso Real Estate Management Co., Ltd.	Futaba-gun, Fukushima	20	Leasing/ borrowing, purchase, sale and brokering of real estate, and management, repair, security, cleaning, etc. of real estate	100.00%	-	Entrustment of building maintenance
Tepco Customer Service Corporation Limited	Koto-ku, Tokyo	10	Indoor wiring investigation, sales related business (personnel transfer, input work of transfer)	100.00%	-	Indoor wiring investigation, personnel transfer work and input work of sales related business
FAMILYNET JAPAN CORPORATION	Shibuya-ku, Tokyo	270	Internet connection service for multi-unit housing (condominiums, etc.)	100.00%	-	Entrustment of information providing service of electric use state

Company Name	Location	Capital (million yen)	Description of Major Business	Ratio of voting rights		Business Contents Related to TEPCO
				- The number shown in the parentheses ( ) indicates that the number is included in the left ratio.	- The number shown in the parentheses ( ) indicates that the number is excluded in the left ratio.	
Tepco Partners Co., Inc.	Koto-ku, Tokyo	100	Nursing-care insurance business and training related	100.00%	-	-
TOKYO WATERFRONT RECYCLE POWER CO., LTD.	Koto-ku, Tokyo	100	Power generation from gasification/ melting, etc. at Tokyo Super Ecotown Project	96.60%	(1.08%)	Entrustment of industrial waste treatment
KAWASAKI STEAM NET CO., LTD.	Kawasaki-shi, Kanagawa	160	Sales and supply of steam, design, construction, operation, maintenance and management of equipment such as steam supply piping	91.10%	-	Wholesale supply of steam from thermal power station
TEPCO LOGISTICS CO., LTD.	Ota-ku, Tokyo	50	Transportation of power distribution materials, management of materials warehouse, etc.	80.00%	-	Entrustment of management and transportation of distribution materials
Morigasaki Energy Service Co., Ltd.	Ota-ku, Tokyo	310	Electric power and hot water supply and power load adjustment for Tokyo Bureau of Sewerage Morigasaki Wastewater Treatment Center	80.00%	-	-
Recyclable-Fuel Storage Company	Mutsu-shi, Aomori	3,000	Storage and management of spent fuel from nuclear power plants, and incidental businesses	80.00%	-	-
ATEMA KOGEN RESORT INC.	Tokamachi-shi, Niigata	100	Hotel and golf course management	80.00%	-	Use of facilities
Hitachi Heat Energy Co., Ltd.	Hitachi-shi, Ibaraki	250	Heat supply business	70.00%	-	-
Pacific LNG Shipping Limited	Bahamas	3,755	Ownership of LNG tankers	70.00%	-	-
Pacific LNG Yuso Limited	Sumida-ku, Tokyo	95	Operation and management of LNG tankers	70.00%	-	Entrustment of LNG transportation
Pacific Eurus Shipping Limited	Bahamas	3,740	Ownership of LNG tankers	70.00%	-	-
Transocean LNG Yuso Limited	Sumida-ku, Tokyo	95	Operation and management of LNG tankers	70.00%	-	Entrustment of LNG transportation
LNG Marine Transport Limited	Sumida-ku, Tokyo	460	LNG marine transport service	70.00%	-	Entrustment of LNG transportation
Cygnus LNG Shipping Limited	Bahamas	4,002	Ownership of LNG tankers	70.00%	-	-
Tokyo Timor Sea Resources Inc. (U.S.A.)	United States	\$39 million	Stock owned by Tokyo Timor Sea Resources Pty Ltd (Australia)	66.67%	-	-
Houseplus Corporation, Inc.	Minato-ku, Tokyo	907	Building performance evaluation and assurance	61.34%	(1.72%)	-
Japan Natural Energy Company Limited	Shinagawa-ku, Tokyo	395	Providing environmental value through "Green Electric Power Certificate System" and "Green Heat Certificate System"	57.98%	-	-
TEPCO OPTICAL NETWORK ENGINEERING INC.	Bunkyo-ku, Tokyo	150	Construction and maintenance operation for FTTH-related equipment in electricity-related facility (transformer station etc.), connection of optical fiber cable, construction work for diverging devices	51.00%	-	Entrustment of maintenance of communication cable for power safety
JAPAN FACILITY SOLUTIONS, Inc.	Shinjuku-ku, Tokyo	490	ESCO services, diagnoses and consulting, facility renovation	45.00%	-	-
Toden Facilities Co., Ltd.	Chuo-ku, Tokyo	90	Construction contracting, design and supervision, land and building maintenance and management	100.00%	(100.00%)	Entrustment of management of real property
TOKYO RECORDS MANAGEMENT CO., INC.	Shinagawa-ku, Tokyo	20	Commissioned production, storage, management of information records	70.00%	(70.00%)	Entrustment of production, storage and management of information records
TOSETSU CIVIL ENGINEERING CONSULTANT Inc.	Bunkyo-ku, Tokyo	10	Civil engineering construction service	100.00%	(100.00%)	Entrustment of survey of hydroelectric power and civil engineering facilities
Tokyo Electric Power Company International Paiton I B.V.	Netherlands	€34,000	Investment in IPP business company in Indonesia	100.00%	(100.00%)	-

Company Name	Location	Capital (million yen)	Description of Major Business	Ratio of voting rights		Business Contents Related to TEPCO
				- The number shown in the parentheses ( ) indicates that the number is included in the left ratio.	- The number shown in the parentheses ( ) indicates that the number is excluded in the left ratio.	
TM Energy (Australia) Pty. Ltd.	Australia	A\$88.5 million	Power generation in Australia	70.00%	(70.00%)	-
TEPCO Darwin LNG Pty. Ltd.	Australia	A\$62.48 million	Investment in plant and pipeline projects of Bayu-Undan gas field development project	100.00%	(100.00%)	-
Tokyo Timor Sea Resources Pty. Ltd.(Australia)	Australia	A\$316.66 million	Participation in gas field development projects	100.00%	(100.00%)	-
NANSO SERVICE CO., LTD.	Futaba-gun, Fukushima	20	Thermal power station disaster prevention and security, fuel payment acceptance	75.00%	(75.00%)	Entrustment of thermal power station disaster prevention, entrustment of fuel payment acceptance
Tokyo Electric Power Company International Paiton II B.V.	Netherlands	€18,000	Investment in IPP business company in Indonesia	100.00%	(100.00%)	-
CIPI-GP Ltd.	Netherlands	\$12,000	Investment in IPP business company in Indonesia	100.00%	(100.00%)	-
Capital Indonesia Power I C.V.	Netherlands	-	Investment in IPP business company in Indonesia	100.00%	(100.00%)	-

## (2) Affiliated Companies (Equity Method Affiliated Companies)

(As of July 1, 2013)

Company Name	Location	Capital (million yen)	Description of Major Business	Ratio of voting rights		Business Contents Related to TEPCO
				- The number shown in the parentheses ( ) indicates that the number is included in the left ratio.	- The number shown in the parentheses ( ) indicates that the number is excluded in the left ratio.	
Kimitsu Cooperative Thermal Power Company, Inc.	Kimitsu-shi, Chiba	8,500	Supplying electricity from thermal power	50.00%	-	Purchase of generated power
KASHIMA KYODO ELECTRIC POWER Co., Ltd	Kashima-shi, Ibaraki	22,000	Supplying electricity from thermal power	50.00%	-	Purchase of generated power
Soma Kyodo Power Company, Ltd.	Soma-shi, Fukushima	112,800	Supplying electricity from thermal power	50.00%	-	Purchase of generated power
Joban Joint Power Co., Ltd.	Chiyoda-ku, Tokyo	56,000	Supplying electricity from thermal power	49.12%	-	Purchase of generated power
KANDENKO CO., LTD.	Minato-ku, Tokyo	10,264	Construction and maintenance of power generation transmission, conversion and distribution facilities and communication facilities, thermal power and nuclear power station electric and instrumentation work, internal phone line and air conditioning system work	47.79%	(1.16%)	Entrustment of electrical construction of power distribution and transmission facilities
Eurus Energy Holdings Corporation	Minato-ku, Tokyo	18,199	Supervision and management of wind energy projects, etc. in Japan and abroad	40.00%	-	Purchase of generated power
TAKAOKA TOKO HOLDINGS CO., LTD	Koto-ku, Tokyo	8,000	Management of group company specialized in manufacturing electric apparatus	35.44%	-	-
TOKYO TOSHI SERVICE COMPANY	Minato-ku, Tokyo	400	Operation, maintenance and management of heat supply equipment	33.40%	-	Purchase of heat and cold, entrustment of maintenance and management of air conditioning facilities
AT TOKYO Corporation	Koto-ku, Tokyo	13,378	Data center service	33.33%	-	Rental of building
Japan Nuclear Fuel Limited	Kamikita-gun, Aomori	400,000	Reprocessing of spent nuclear fuel	28.60%	-	Uranium enrichment, reprocessing of spent nuclear fuel, entrustment of temporary storage of high level radioactive waste and low level radioactive waste disposal
The Japan Atomic Power Company	Chiyoda-ku, Tokyo	120,000	Supplying electricity from nuclear power	28.30%	(0.07%)	Purchase of generated power
TOKYO ENERGY & SYSTEMS INC.	Minato-ku, Tokyo	2,881	Planning, study, design, and construction of thermal power plants, nuclear power plants, hydro power plants, substations, etc.; design and construction of civil and architectural facilities; planning, study, design, and construction of telecommunication system and electronic facilities	26.27%	(0.01%)	Inspection work of thermal and nuclear power generation equipment, maintenance and inspection work of hydroelectric and conversion facilities
TeaM Energy Corporation	Philippines	\$12.16 million	IPP business in Phillipine	50.00%	(50.00%)	-
TEPDIA Generating B.V.	Netherlands	€18,000	Thailand IPP	50.00%	(50.00%)	-
ITM Investment Company Limited	United Kingdom	\$16,000	Investment in Umm Al Nar power generation and water desalination project	35.00%	(35.00%)	-
TAKAOKA ELECTRIC MFG. CO., LTD.	Chuo-ku, Tokyo	5,906	Manufacture, construction, repair and sales of substation equipment, transformers, SF6 gas insulated transformers, power equipment remote monitoring system and high speed 3-dimensinal inspection system for electronics applications, etc.	-	[100.00%]	Purchase of electric apparatus
TOKO ELECTRIC CORPORATION	Chiyoda-ku, Tokyo	1,452	Electric machinery and appliance manufacturing and sales, repair and replacement of business meters, electric utility work in buildings and other construction	-	[100.00%]	Purchase of electric apparatus, entrustment of repair and replacement of business meters

## (3) Affiliated Companies (Companies Other than Equity Method Affiliated Companies)

(As of July 1, 2013)

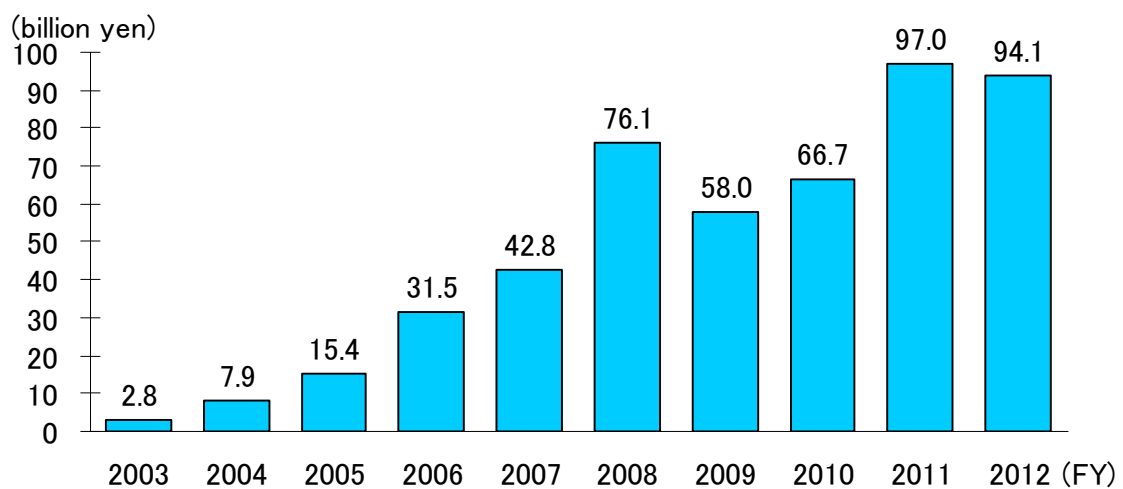
Company Name	Location	Capital (million yen)	Description of Major Business	Ratio of voting rights - The number shown in the parentheses ( ) indicates that the number is included in the left ratio. - The number shown in the parentheses ( ) indicates that the number is excluded in the left ratio.		Business Contents Related to TEPCO
SHIN-NIHON HELICOPTER CO., LTD.	Chuo-ku, Tokyo	250	Patrolling of power transmission lines by helicopter, shipping of construction materials	50.00%	-	Patrol of transmission line, entrustment of transportation of construction materials
Pacific Hope Shipping Limited	Bahamas	4,071	Ownership of LNG tankers	30.00%	-	-
The Japan Utility Subway Company, Incorporated	Chuo-ku, Tokyo	1,400	Design, construction and management of common tunnel monitoring systems	28.59%	-	-
Japan Coal Development Co., Ltd.	Minato-ku, Tokyo	5,200	Surveying, exploration, development, import and sales of coal resources overseas for electric power	21.87%	-	Purchase of coal for thermal power station
Nuclear Fuel Transport Company, Ltd.	Minato-ku, Tokyo	1,600	Handling and land and marine transport of spent fuel, radioactive waste, etc. from nuclear power stations, etc., as well as related cargo shipping and handling, ship transportation, etc.	20.64%	-	Handling of spent fuel and radioactive waste, marine and land transportation
JAPAN NUCLEAR SECURITY SYSTEM CO., LTD.	Minato-ku, Tokyo	200	Design building, leasing and operation of scientific security systems for nuclear power-related facilities, security for nuclear fuel shipping	20.00%	-	Entrustment of security for nuclear power station
International Nuclear Energy Development of Japan Co., Ltd.	Chiyoda-ku, Tokyo	100	Planning and study of promotion activities for nuclear power projects in the emerging countries	20.00%	-	-
SAP-Japan Co., Ltd.	Chiyoda-ku, Tokyo	10	Invests to a management company (in Kazakhstan) of sulfuric acid manufacturing plants	18.75%	-	-
Tas Forest Holdings Pty. Ltd.	Australia	A\$13,535 million	Afforestation	30.00%	(30.00%)	-
ITM O&M Company Limited	United Kingdom	AED66	Operation and maintenance of power generation and desalination equipment at Umm Al Nar power generation and desalination project	30.00%	(30.00%)	-
Star Buck Power Corporation	Taiwan	TW\$3.3 billion	IPP business in Taiwan	22.73%	(22.73%)	-
CELT Inc.	Chiyoda-ku, Tokyo	100	Purchase and sales of LNG	50.00%	(50.00%)	Transaction of LNG
Daido Industrial Arts Co., Ltd.	Katsushika-ku, Tokyo	10	Creation of utility pole advertising products	30.00%	(30.00%)	-
Houseplus Architectural Inspection, Inc.	Minato-ku, Tokyo	300	Confirmatory test pursuant to the Building Standard Law	26.67%	(26.67%)	-
Transmission Line Construction Co., Ltd. (TLC)	Arakawa-ku, Tokyo	98	Construction of electric facilities for power transmission, communication, etc.	-	-	Entrustment of construction of transmission and communication electric facilities
Toshiba Toko Meter Systems Co., LTD	Minato-ku, Tokyo	480	Development, production and sales of measuring instruments (including some components of measuring instruments)	-	-	Purchase of watthour meter



## 2. Outline of TEPCO Gas Business

- Restrain investment in new facilities as much as possible, and develop business centered on factories and other users near existing LNG terminals and gas lines that can ensure profitability.
- Consignment sales through gas pipelines of Tokyo Gas Co., Ltd.
- LNG lorry selling in the area where the gas conducting pipe network is not developed (from Futtsu LNG base).

Results for Sales



Customers marketing gas (as of April 2013)

[Direct distribution]

Otaki Gas Co., Ltd.

Keiyo Gas Corporation

JX Nippon Oil & Energy Corporation

Kanto Natural Gas Development Co., Ltd. etc.

Number of contracts: 24

Output under the contracts: approx.

1,310,000 tons/year

(on the average-year basis)

[Distribution through consignment]

Higashinohon Gas Corporation

Nippon Gas Co., Ltd.

Nippon Paper Crexia Co., Ltd.

National Hospital Organization Disaster Medical

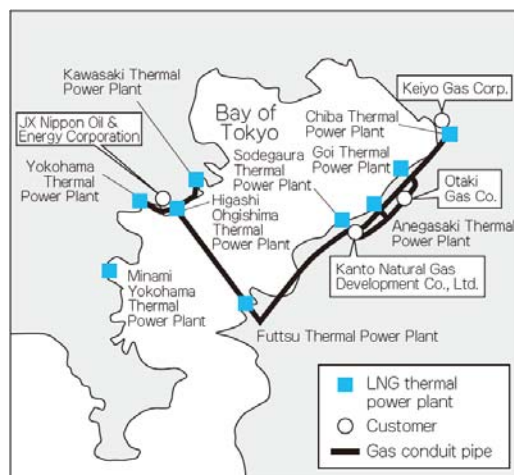
Center etc.

Number of contracts: 15

Output under the contracts: approx. 30,000

tons/year

(on the average-year basis)



### XIII. Other Data

#### 1. Development Status of Overseas Business

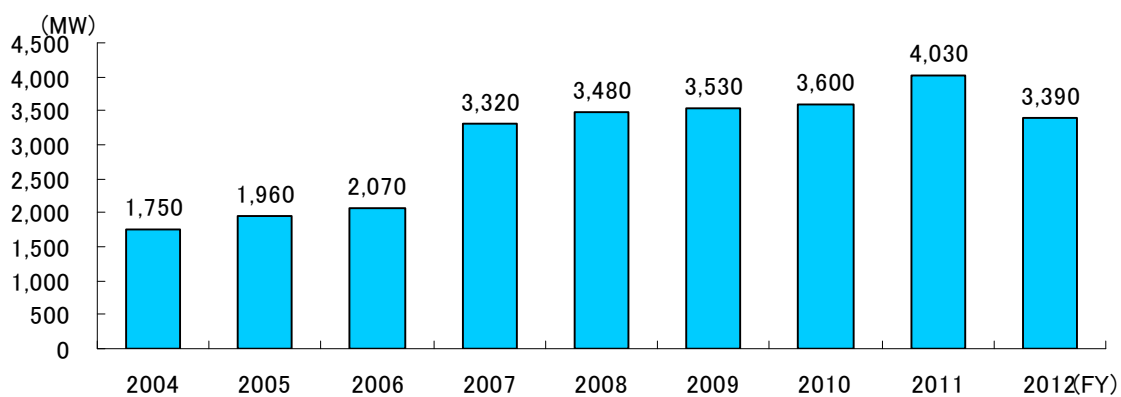
##### (1) Major Overseas Investment Activities (Power Generation)



Countries and Regions	Projects etc.	Installed Capacity
Taiwan	①Chang Bin, Fong Der and Star Buck Project	Chang Bin 490MW, Fong Der 980MW, Star Buck 490MW
Vietnam	②Phu My 2-2 Project	715MW
U.A.E.	③Umm Al Nar Power and Water Project	2,200MW
Indonesia	④Paiton I, III Project	Paiton I : 1,230MW, Paiton III : 815MW
Philippines	⑤TeaM Energy Project	3,204MW
Thailand	⑥EGCO Project	4,711MW
Japan, South Korea, Australia, U.S.A., Europe	⑦Eurus Energy Holdings Corporation	2,317MW (wind power generation etc.)

- Notes:
1. As of the end of March 2013.
  2. Installed Capacity means the sum of power output of power generating facilities.

##### (2) Changes in Total Generation Capacity of Overseas Project



- Notes:
1. Figures include that of Eurus Energy Holdings Corporation.
  2. The sum of the power output of each power generation company multiplied by TEPCO's shareholding ratio in the respective company.
  3. As of the end of March of every fiscal year.

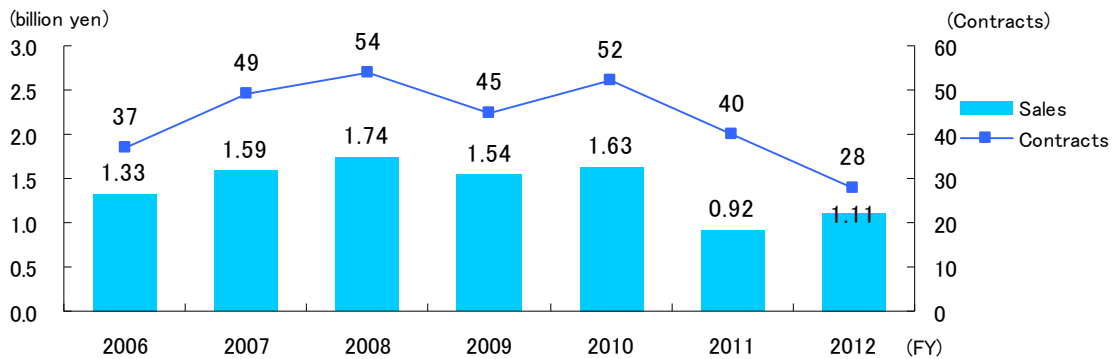
### (3) Recent Major Overseas Consulting Services



\* Consulting services shown here are selected from those already conducted and those underway.

Countries and Regions	Projects etc.	Ordering Parties/ Companies Supported by TEPCO, etc.
China	①UHV Transmission System Design Star Buck Project	STATE GRID CORPORATION of CHINA
Philippines	②Development Study on Energy Efficiency and Conservation for the Philippines	Department of Energy (JICA)
Malaysia	③Examination of Solar Power with Battery	Tenaga Nasional Berhad (TNB) (NEDO)
U.A.E.	④The Master Plan Study of Transmission System	Abu Dhabi Transmission & Dispatch Company (TRANSCO)
Saudi Arabia	⑤The Master Plan Study for Energy Conservation	Ministry of Water and Electricity (JICA)
Zambia	⑥Rural Electrification Master Plan Study	Ministry of Energy and Water Development (JICA)
India	⑦Transmission System Improvement Project	Tamilnadu Transmission Corporation Ltd. (JICA)
Myanmar	⑧The Project for Rehabilitation for Baluchaung No.2 Hydro Power Plant	Ministry of Electric Power (JICA)
Indonesia	⑨Preparatory Survey for Bakaru Hydroelectric Power Plant Rehabilitation and Extension Project	PLN (Perusahaan Listrik Negara) (JICA)
Vietnam	⑩Ultra Super Critical Coal Fired Power Technology Project	Ministry of Industry and Trade (METI, NEDO)
Turkey	⑪The Study on Optimal Power Generation For Peak Demand in Turkey	General Directorate of Electrical Power Resources Survey and Development Administration (JICA)
Bangladesh	⑫The Study for Master Plan on Coal Power Development in the People's Republic of Bangladesh	Bangladesh Power Development Board (JICA)
Brazil	⑬Study on Collection of Basic Information Concerning Smart Grid	The Ministry of Energy and Mines etc. (JICA)
Bhutan	⑭Data Collection Survey on Renewable Energy in the Kingdom of Bhutan	Department of Renewable Energy (JICA)
Oman	⑮Investigation of Electricity Energy Saving Master Plan	Public Authority for Electricity and Water etc. (JICA)

### (4) Changes in Sales and Number of Contracts of Overseas Consulting Services



## 2. Comparison with Foreign Countries

### (1) Major Electric Power Companies in the World

Country	Utilities	Electricity Sales (GWh)	Total Assets* <sup>1</sup> (billion Yen)
U. S. A.	Exelon	263,695 * <sup>2</sup>	6,270.2
	Southern Company	156,054	5,040.6
	Duke Energy	236,116 * <sup>2</sup>	9,088.0
Germany	E. ON	306,000	14,411.9
	RWE	260,800 * <sup>2</sup>	9,052.2
Italy	ENEL	316,800 * <sup>2</sup>	17,617.1
Canada	Hydro-Québec	203,699 * <sup>2</sup>	5,630.8
U. K.	Centrica	94,171	2,776.7
	Scottish and Southern Energy	47,000	2,605.2
France	EDF	488,607 * <sup>2</sup>	25,669.6
	GDF Suez	320,100 * <sup>2</sup>	21,090.3
Sweden	Vattenfall	122,800 * <sup>2</sup>	6,229.4
Japan	TEPCO	269,033	14,619.7
	Kansai Electric Power Co.	141,754	6,757.6
	Chubu Electric Power Co.	126,600	5,592.8

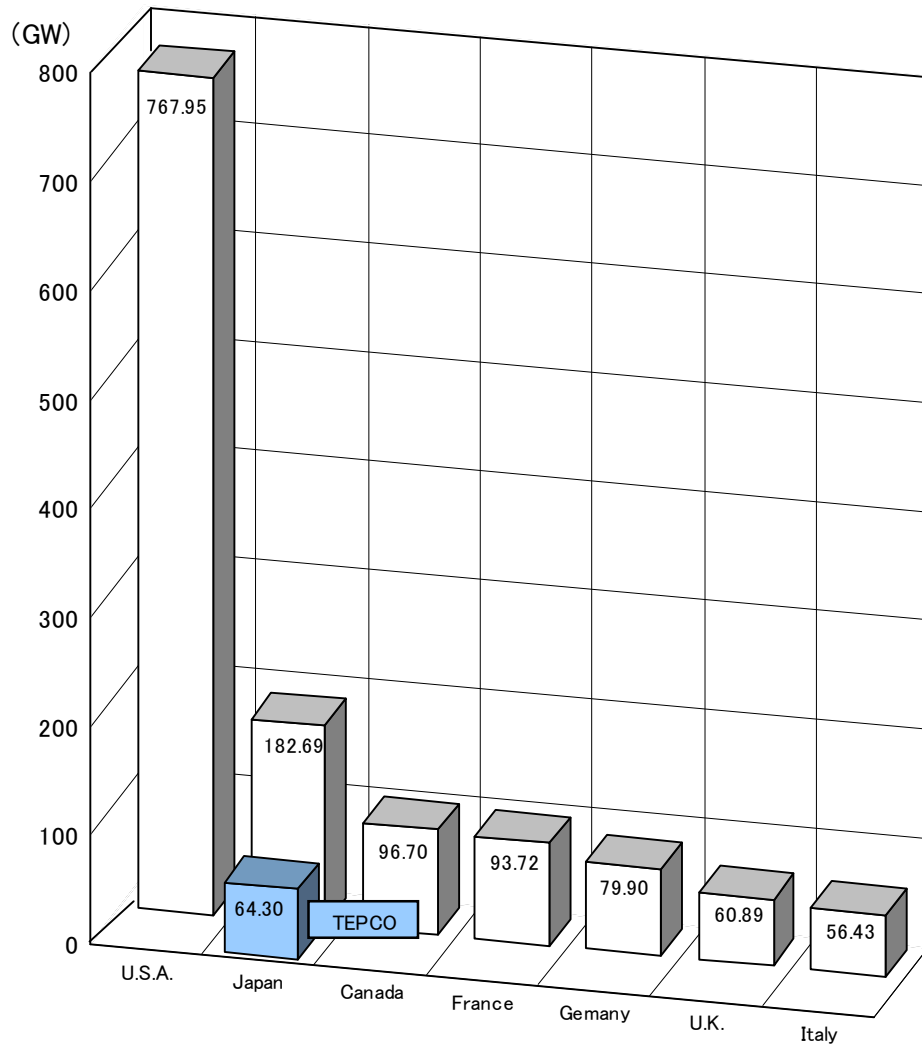
Notes: Figures for electricity sales (excluding wholesale and trading) include those sold to other countries in FY2012.  
Total assets are consolidated figures for companies that incorporate a holding company system (other than for Japan) which include other than electric power business at the end of FY2012.

\*1 Converted at the rates of US\$1 = 79.82 yen; €1 = 102.63 yen; UK £1 = 126.49 yen; Canada \$1 = 79.85 yen; Sweden 1 krona = 11.79 yen

\*2 Figures include the electricity sales for wholesale and trading.

Source: Annual Reports of the world's major electric power companies, etc.

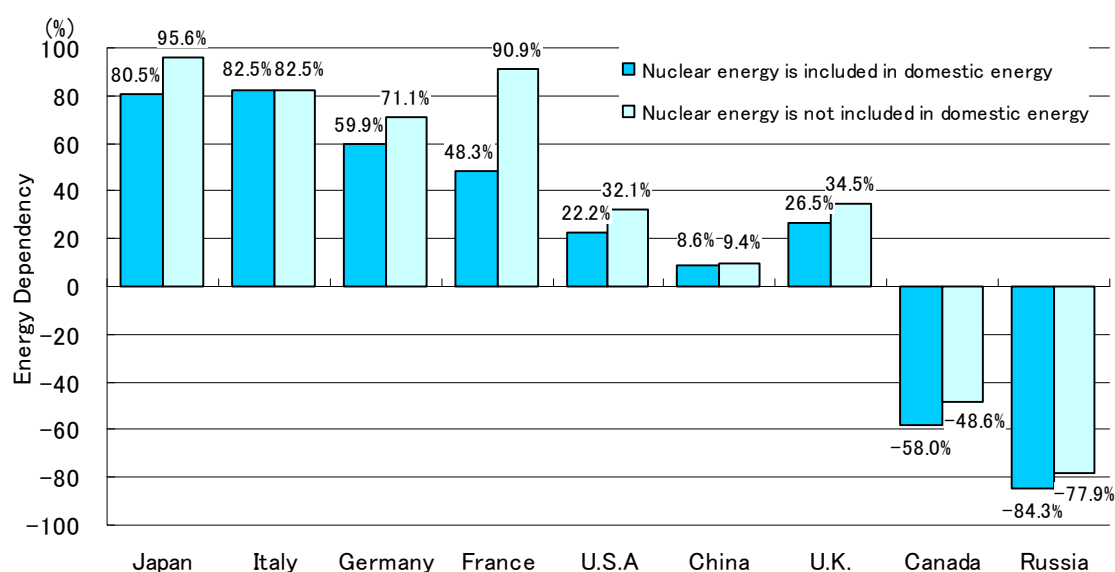
(2) Peak Demand in Major Countries



Note: 2010 results. The figure for Japan shows the peak daily output for the 10 major electric power companies (July 24, 2001) together with the peak daily output for TEPCO (July 24, 2001). The figure for U.S.A. is a total of peak demands in the summer of 2010.

Sources: "Overseas Electric Power Industry Statistics (2012)," Japan Electric Power Information Center, Inc.

(3) Energy Dependency of Major Countries (2010)



Note: Canada and Russia are net exporting countries.

Sources: "Energy Balances of OECD Countries 2012 edition," IEA.

"Energy Balances of Non-OECD Countries 2012 edition," IEA.

(4) Composition of Primary Energy Sources in Major Countries (2010)

	(%)						
	Coal	Oil	Gas	Nuclear	Renewable Energy	Electricity Imports	Total
Japan	23.1	40.9	17.3	15.1	3.6	0.0	100.0
U.S.A.	22.7	36.3	25.1	9.9	5.9	0.1	100.0
United Kingdom	15.2	31.3	41.9	8.0	3.5	0.1	100.0
France	4.6	29.2	16.2	42.6	8.4	-1.0	100.0
Germany	23.6	32.1	22.4	11.2	11.1	-0.4	100.0
Italy	8.3	38.3	40.0	0.0	11.2	2.2	100.0
Canada	8.9	34.3	31.2	9.4	17.1	-0.9	100.0

Notes: 1. Minus mark in electricity imports column indicates exports.

2. Total may not work out to be 100 because of rounding off.

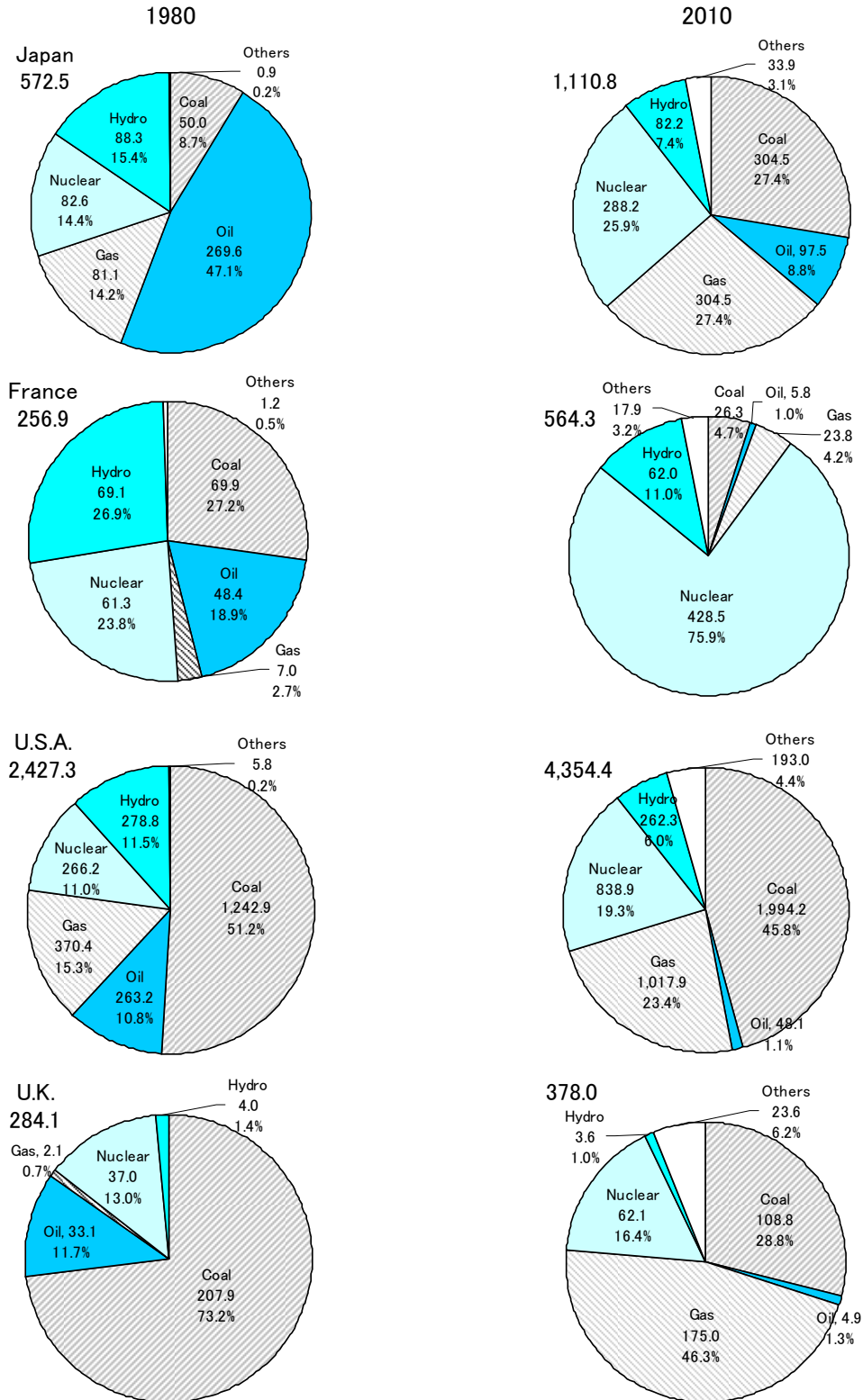
3. Renewable energy includes geothermal, photovoltaic, hydro, and wind energy sources, etc.

Source: "Energy Balances of OECD Countries 2012 edition," IEA.

(5) Power Source Shares by Major Countries

Energy Source Power Output Composition by Country (Part 1)

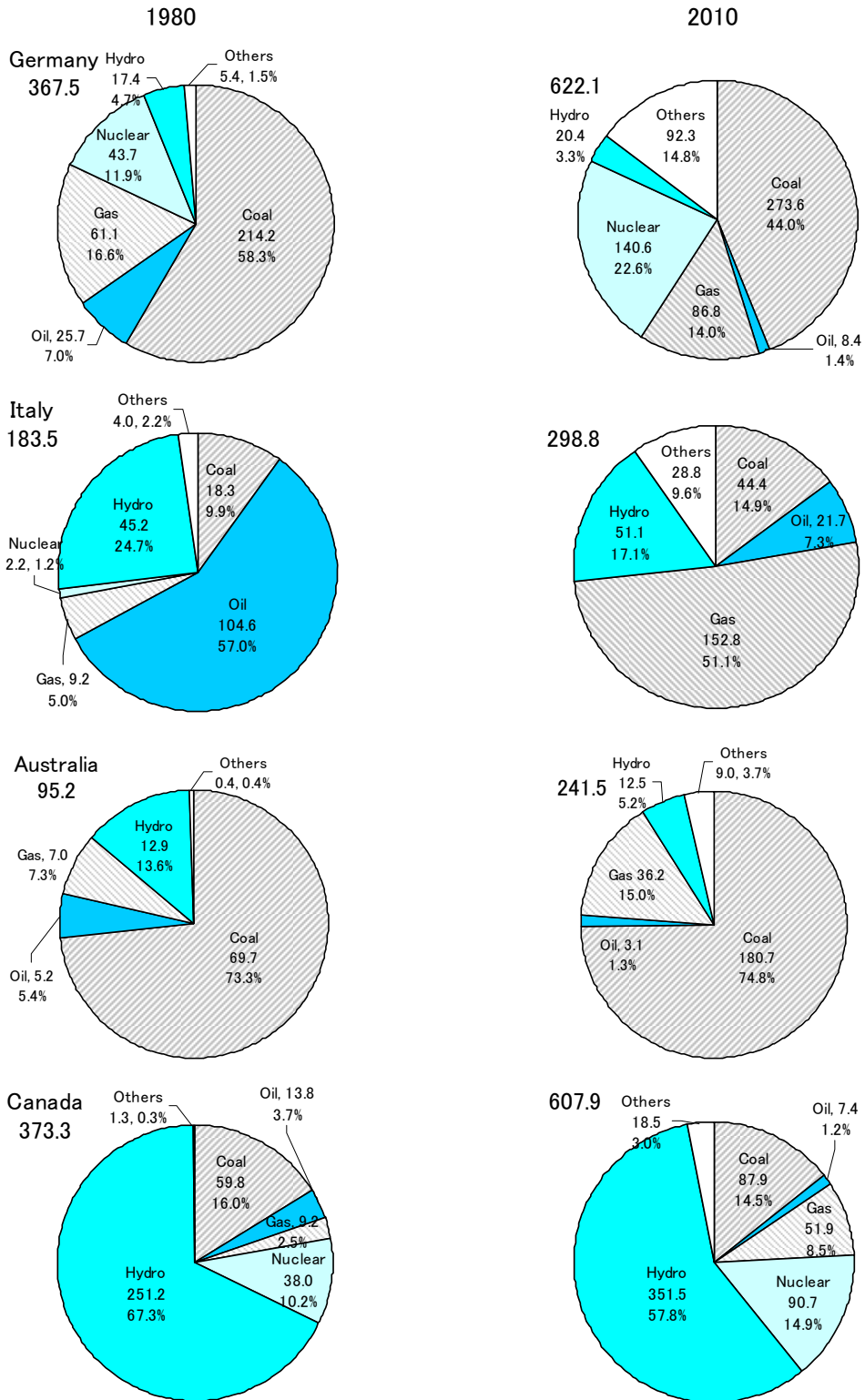
(Unit: TWh)



Source: "Energy Balances of OECD Countries 2012 edition," IEA.

## Energy Source Power Output Composition by Country (Part 2)

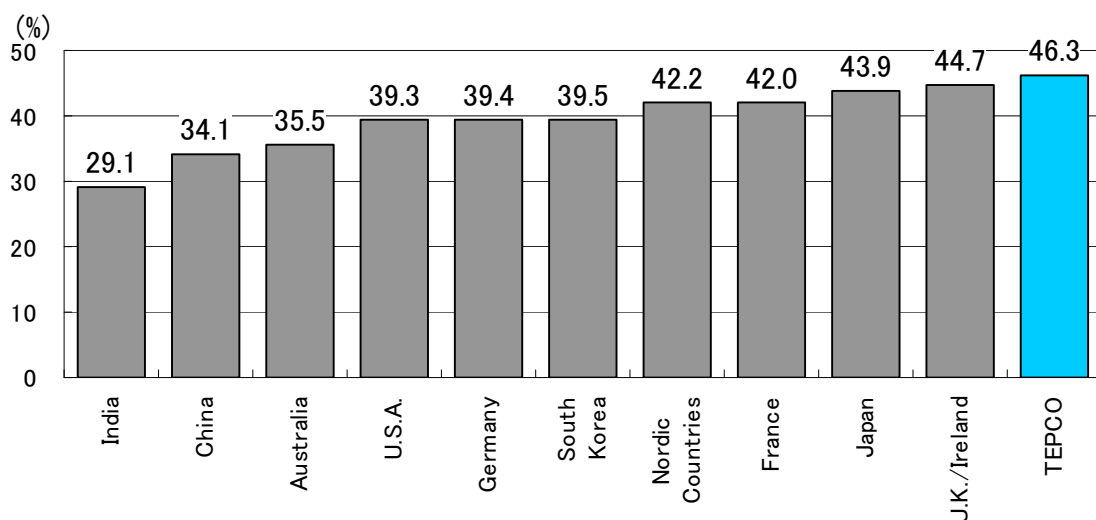
(Unit: TWh)



Note: Germany : Figures given for 1980 are for the former West Germany  
 Source: "Energy Balances of OECD Countries 2012 edition," IEA.



(6) International Comparison of Thermal Power Generation Efficiency



- Notes:
1. Thermal efficiency values represent weighted average thermal efficiencies of coal, oil, and gas on the power generating end (LHV standard).
  2. The thermal efficiency of independent power generation equipments, etc. is not included.
  3. The figure for TEPCO is FY2012 result. Other figures are FY2009 values. (The figure for Japan is FY2009 value.)

Source: "INTERNATIONAL COMPARISON OF FOSSIL POWER EFFICIENCY AND CO<sub>2</sub> INTENSITY" (2012), ECOFYS

(7) International Comparison of Solar and Wind Power Generation Installations

		Equipment Capacity(MW)			Installed Capacity(MW)
		Solar (as of the end of 2011)			Wind (as of the end of 2012)
①	Germany	24,820	①	China	75,324
②	Italy	12,803	②	U.S.A.	60,007
③	Japan	4,914	③	Germany	31,308
④	Spain	4,260	④	Spain	22,796
⑤	U.S.A.	3,966	⑤	India	18,421
⑥	China	3,300	⑥	U.K.	8,445
⑦	France	2,831	⑦	Italy	8,144
⑧	Belgium	2,000	⑧	France	7,564
⑨	Australia	1,408	⑨	Canada	6,200
⑩	U.K.	976	⑩	Portugal	4,525
			⑪	Denmark	4,162
			⑫	Sweden	3,745
			⑬	Japan	2,614

Sources: Solar: "TRENDS IN PHOTOVOLTAIC APPLICATIONS," IEA/PVPS.  
 Wind: "GROBAL WIND 2012 REPORT,ANNUAL MARKET UPDATE 2012" GWEC.

<Reference> Japan's Energy Self-Sufficiency Rate (2010)

(%)

FY	1973	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Energy Self-Sufficiency Rate	9.2 (lowest)	19.3	17.5	17.1	17.1	17.8	17.7	19.2	18.7	19.9	20.1	20.7
FY	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Energy Self-Sufficiency Rate	21.7	20.4	20.4	20.5	19.0	16.6	18.2	19.3	19.5	17.6	17.9	19.9
FY	2010											
Energy Self-Sufficiency Rate	19.5											

Note: The numbers above are the self-sufficiency ratio on the assumption that uranium for Nuclear power is domestic energy.

$$\text{Self-sufficiency rate( \% )} = \frac{\text{Domestic energy}}{\text{Domestic energy} + \text{Imported energy}} \times 100$$

Source: "Energy Balances Of OECD Countries 2012 edition" IEA

<Reference> Self-Sufficiency Rate by Energy Source in Japan (2010)

(%)

Coal	Oil	Natural Gas	Nuclear	Hydro, Geothermal, New Energy and Others
0	0.3	3.7	100	100

Source: "Energy Balances Of OECD Countries 2012 edition" IEA