



TOKYO ELECTRIC POWER COMPANY

# FY2012 2nd Quarter Earnings Results

(April 1 – September 30, 2012)

## Presentation Material

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### *Regarding Forward-Looking Statements*

*Certain statements in the following presentation regarding The Tokyo Electric Power Company's business operations may constitute "forward-looking statements." As such, these statements are not historical facts but rather predictions about the future, which inherently involve risks and uncertainties, and these risks and uncertainties could cause the Company's actual results to differ materially from the forward-looking statements herein.*

*(Note)*

*Please note that the following to be an accurate and complete translation of the original Japanese version prepared for the convenience of our English-speaking investors. In case of any discrepancy between the translation and the Japanese original, the latter shall prevail.*



# I . Overview of FY2012 2nd Quarter Earnings Results



## Overview

- ✓ Both consolidated and non-consolidated operating revenues increased due to year-on-year unit electricity sales prices rise resulting from fuel price adjustments and effects of rate revision, and increase in electricity sales volume during the period.
- ✓ Ordinary income decreased and recorded a loss on each of consolidated and non-consolidated basis. An ordinary revenues increase was more than offset by an ordinary expenses increase mainly led by significantly higher fuel expenses, reflecting a fuel price appreciation and a sharp drop in the amount of power generated by nuclear power plants.
- ✓ TEPCO's net income during the period showed a loss on each of consolidated and non-consolidated basis. While a gain on sales of fixed assets, a gain on sales of securities and a gain on retirement benefit plan amendments was recorded as an extraordinary income during the period, the amount was more than offset by an extraordinary loss on nuclear damage compensations.

- **Operating Revenues:** 【Consolidated】 **¥2,875.9 billion** (14.9% increase, YOY) 【Non-consolidated】 **¥2,772.3 billion** (16.0% increase, YOY)
- **Ordinary Income:** 【Consolidated】 **-¥166.2 billion** (¥60.5 billion decrease, YOY) 【Non-consolidated】 **-¥189.3 billion** (¥58.8 billion decrease, YOY)
- **Net Income:** 【Consolidated】 **-¥299.4 billion** (¥327.8 billion increase, YOY) 【Non-consolidated】 **-¥308.2 billion** (¥330.1 billion increase, YOY)
- **Equity Ratio:** 【Consolidated】 **9.6%** (up 4.5 pp from the end of last FY) 【Non-consolidated】 **8.1%** (up 4.6 pp from the end of last FY)

## Revision of Full-year Performance Outlook

- ✓ Both consolidated and non-consolidated results are revised upward due to streamlining efforts during the second quarter and expected gains compared to the previous period resulting from further cost reduction. New full-year performance outlook is as follows.

- **Operating Revenues:** 【Consolidated】 **¥6,025.0 billion** (0.8% increase from the previous outlook)  
【Non-consolidated】 **¥5,825.0 billion** (0.5% increase from the previous outlook)
- **Ordinary Income:** 【Consolidated】 **-¥335.0 billion** (¥90 billion increase from the previous outlook)  
【Non-consolidated】 **-¥370.0 billion** (¥75 billion increase from the previous outlook)
- **Net Income:** 【Consolidated】 **-¥45.0 billion** (¥115 billion increase from the previous outlook)  
【Non-consolidated】 **-¥55.0 billion** (¥100 billion increase from the previous outlook)

## FY2012 Dividend

- ✓ TEPCO has decided to pay out no interim dividend. Considering current severe financial position, we regret to plan no year-end dividend as well.



# FY2012 2nd Quarter Earnings Results Summary (Consolidated and Non-consolidated)

(Upper and lower rows show consolidated and non-consolidated figures, respectively) (Unit: Billion Yen)

		FY2012 (A)	FY2011 (B)	Comparison	
		1st Half	1st Half	(A)-(B)	(A)/(B)(%)
Electricity Sales Volume	(billion kWh)	133.4	130.2	3.2	102.4
Operating Revenues	consolidated	2,875.9	2,502.7	373.1	114.9
	non-consolidated	2,772.3	2,389.1	383.2	116.0
Operating Expenses		2,980.4	2,563.3	417.1	116.3
		2,901.2	2,471.9	429.3	117.4
Operating Income		-104.5	-60.6	-43.9	-
		-128.9	-82.7	-46.1	-
Ordinary Revenues		2,910.9	2,550.0	360.8	114.1
		2,799.6	2,430.1	369.4	115.2
Ordinary Expenses		3,077.1	2,655.8	421.3	115.9
		2,988.9	2,560.5	428.3	116.7
Ordinary Income		-166.2	-105.7	-60.5	-
		-189.3	-130.4	-58.8	-
Extraordinary Income		110.2	568.1	-457.9	-
		112.3	568.0	-455.7	-
Extraordinary Loss		235.8	1,075.9	-840.0	-
		235.8	1,075.6	-839.7	-
Net Income		-299.4	-627.2	327.8	-
		-308.2	-638.4	330.1	-
Equity Ratio	(%)	9.6	6.3	3.3	-
		8.1	4.4	3.7	-
Return on Asset	(%)	-0.7	-0.4	-0.3	-
		-0.9	-0.6	-0.3	-
Earnings per Share	(Yen)	-186.89	-391.45	204.56	-
		-192.18	-398.02	205.84	-



# FY2012 2nd Quarter Business Performance - 1

## - Electricity Sales Volume, Total Power Generated and Purchased

	FY2012			Full-year Outlook for FY2012	
	1st Quarter	2nd Quarter	1st Half	New Projection	Previous Projection
	(Units: Billion kWh, %)				
Regulated segment	23.15 (1.3)	26.52 (-1.5)	49.66 (-0.3)	106.19 (-0.7)	104.90 (-2.0)
Lighting	20.78 (1.3)	23.25 (-1.4)	44.03 (-0.1)	95.50 (-0.3)	94.60 (-1.2)
Low voltage	1.86 (2.0)	2.84 (-2.9)	4.70 (-1.0)	8.97 (-4.2)	8.50 (-9.1)
Others	0.50 (-3.4)	0.43 (0.6)	0.94 (-1.6)	1.73 (-4.1)	1.70 (-5.4)
Liberalized segment	39.26 (5.2)	44.44 (3.2)	83.70 (4.1)	166.54 (3.3)	167.40 (3.8)
Commercial use	16.00 (9.5)	19.63 (5.9)	35.62 (7.5)	—	—
Industrial use and others	23.26 (2.4)	24.82 (1.2)	48.08 (1.8)	—	—
<b>Total electricity sales volume</b>	<b>62.41 (3.7)</b>	<b>70.96 (1.4)</b>	<b>133.37 (2.4)</b>	<b>272.73 (1.7)</b>	<b>272.30 (1.5)</b>

[First Half of FY2012 Results]  
 ○ Total electricity sales volume during the period increased by 2.4% year on year mainly due to a bounce-back from the record-low demand last year after the Great East Japan Earthquake.

[FY2012 Full-year Projection]  
 ○ Electricity sales volume in FY2012 is expected to increase by 1.7% year on year due to a bounce-back from power saving and effects of the Great East Japan Earthquake last year and the economic recovery reflecting surging demand for restoration from the earthquake.

Note: Figures in parentheses denote percentage change from the previous year. Rounded to the nearest decimal point.

	FY2012		
	1st Quarter	2nd Quarter	1st Half
	(Units: Billion kWh, %)		
Total power generated and purchased	65.29 (1.8)	77.91 (2.9)	143.20 (2.4)
Power generated by TEPCO	55.67	63.63	119.30
Hydroelectric power generation	3.43	3.04	6.47
Thermal power generation	52.23	60.57	112.80
Nuclear power generation	-	-	-
Renewable Energy	0.01	0.02	0.03
Power purchased from other companies	10.02	15.28	25.30
Used at pumped storage	-0.40	-1.00	-1.40

Note: Figures in parentheses denote percentage change from the previous year.

	Average Monthly Temperature (Unit: °C)		
	Jul.	Aug.	Sep.
	FY2012	25.9	28.4
Change from the previous year	-1.0	1.4	0.9
Gap with average year	0.8	1.7	2.3

Note: Average temperature uses temperatures observed at nine weather stations in TEPCO's operating area, weighted to reflect electric power volume of respective branch offices.



# FY2012 2nd Quarter Business Performance - 2

## - Comparison with Previous Fiscal Year Results

(Unit: Billion Yen)

	FY2012 1st Half Actual (A)		FY2011 1st Half Actual (B)		Comparison (A)-(B)	
	Consolidated	Non-consolidated	Consolidated	Non-consolidated	Consolidated	Non-consolidated
Operating Revenues	2,875.9	2,772.3	2,502.7	2,389.1	373.1	383.2
Operating Income	-104.5	-128.9	-60.6	-82.7	-43.9	-46.1
Ordinary Income	-166.2	-189.3	-105.7	-130.4	-60.5	-58.8
Net Income	-299.4	-308.2	-627.2	-638.4	327.8	330.1

### <Factors behind variance between results of FY2012 1H and FY2011 1H (Non-consolidated)>

Positive Factors for Performance	Negative Factors for Performance	Impact (Billion Yen)
<ul style="list-style-type: none"> <li>Increase in operating revenues                             <ul style="list-style-type: none"> <li>Rise in unit sales prices (FY11 2Q: 17.11 yen/kWh → FY12 2Q: 19.44 yen/kWh)</li> <li>Increase in electricity sales volume (FY11 2Q: 130.2 billion kWh → FY12 2Q: 133.4 billion kWh)</li> </ul> </li> <li>Increase in electricity sales volume to other utilities/suppliers</li> <li>Increase in revenues from others</li> </ul>		365.8
<b>Changes in ordinary revenues</b>		<b>369.4</b>
<ul style="list-style-type: none"> <li>Decrease in personnel expenses</li> <li>Decrease in depreciation expenses</li> <li>Decrease in interest paid</li> <li>Decrease in nuclear power back-end cost</li> </ul>	<ul style="list-style-type: none"> <li>Increase in fuel expenses</li> <li>Increase in maintenance expenses</li> <li>Increase in purchased power from other utilities/suppliers</li> <li>Increase in taxes and other public charges</li> <li>Increase in other expenses</li> </ul>	1.5 20.0 4.6 24.6 -367.9 -29.2 -34.9 -4.0 -42.9
<b>Changes in ordinary expenses</b>		<b>428.3</b>
<b>Changes in Ordinary Income</b>		<b>-58.8</b>
<ul style="list-style-type: none"> <li>Reserve for fluctuation in water levels</li> <li>Reserve for depreciation of nuclear plants construction</li> <li>Decrease in extraordinary loss</li> </ul>	<ul style="list-style-type: none"> <li>Decrease in extraordinary income</li> </ul>	4.8 0.1 839.7 -455.7 <b>839.7</b>
<b>Changes in Net Income</b>		<b>330.1</b>

[Factors on consumption volume side] -211.0 billion yen  
 • Decrease in nuclear power generated -200.0 billion yen  
 • Increase in generated and purchased power -39.0 billion yen  
 • Increase in purchased power 28.0 billion yen  
 [Factors on price side] -157.0 billion yen  
 • Changes in crude oil prices, etc. -162.0 billion yen  
 • Appreciation of the Japanese yen 5.0 billion yen

[Decrease in Extraordinary Income] -455.7 billion yen  
 • Decrease in Grants-in-aid from NDF -54.6 billion yen  
 • Gain on sales of fixed assets 22.2 billion yen  
 • Decrease in gain on sales of securities -7.9 billion yen  
 • Gain on change of retirement pension system 73.6 billion yen  
 [Decrease in Extraordinary loss] 839.7 billion yen  
 • Decrease in extraordinary loss on natural disaster 184.6 billion yen  
 • Decrease in expenses for nuclear damage compensation 655.0 billion yen

Note: Please refer to Page 15 to 17 for details of the ordinary expenses.



# FY2012 2nd Quarter Business Performance - 3

## - Financial Impact of March 11 Earthquake [Extraordinary Income/Loss]

### ◇ Grants-in-aid from Nuclear Damage Compensation Facilitation Corporation [Extraordinary Income] (Unit: billion yen)

Item	FY2010	FY2011	FY2012		Cumulative Amount
			1st Quarter	1st Half	
○Grants-in-aid based on Article 41-1-1 of Law concerning Formation of a Nuclear Damage Compensation Facilitation Corporation	—	2426.2*	—	—	2,426.2

Note: Journal Entry: "Grants-in-aid receivable from Nuclear Damage Compensation Facilitation Corporation" is debited on the balance sheet.

\* Numbers above are those after deduction of a governmental indemnity of 120 billion yen.

### ◆ Loss on Natural Disaster [Extraordinary Loss] (Unit: billion yen)

Items	FY2010	FY2011	FY2012		Cumulative Amount
			1st Quarter	1st Half	
○Expenses and/or losses for Fukushima Daiichi Nuclear Power Station Units 1 through 4 <ul style="list-style-type: none"> <li>Expenses and/or losses for settling the nuclear accidents and preparing for decommissioning</li> <li>Expenses and/or losses for scrapping Fukushima Daiichi Nuclear Power Station Units 1 through 4</li> </ul>	633.3	287.1	—	—	920.4
○Other expenses and/or losses <ul style="list-style-type: none"> <li>Expenses and/or losses for maintaining the status of "cold shutdown" at Fukushima Daiichi Units 5 and 6 and Fukushima Daini Units 1 through 4</li> <li>Losses on cancelation of Fukushima Daiichi Units 7 and 8 construction plan</li> <li>Expenses and/or losses for restoring damaged thermal power plants</li> <li>Other expenses and/or losses for restoration of supply facilities and for transportation of machinery equipment and materials</li> </ul>	384.2	10.3	—	—	394.6
<b>Total</b>	<b>1,017.5</b>	<b>297.4</b>	<b>—</b>	<b>—</b>	<b>1,315.0</b>

Note: Total amount of reconstruction costs related to the Great East Japan Earthquake is 1,324.8 billion yen. (This amount includes the reconstruction costs that are allocated to non-operating expenses.)

### ◆ Expenses for Nuclear Damage Compensation [Extraordinary Loss] (Unit: billion yen)

Items	FY2010	FY2011	FY2012		Cumulative Amount
			1st Quarter	1st Half	
○Compensation for individual damages <ul style="list-style-type: none"> <li>Expenses for radiation inspection (person and/or items), evacuation, temporary return, permanent return, etc.</li> <li>Mental blow of evacuees</li> <li>Damages caused by voluntary evacuations such as evacuees' incremental living expenses, compensation for their mental blow</li> <li>Opportunity losses on salary of workers living in and/or working in evacuation zones etc.</li> </ul>	—	1,174.0	15.6	38.7	1,212.7
○Compensation for business damages <ul style="list-style-type: none"> <li>Opportunity losses of agriculture, forestry and fishery business and small to mid-size businesses located in evacuation zones</li> <li>Damages due to the Governmental restriction on shipment of agricultural, forestry and fishery products</li> <li>Opportunity losses of the businesses such as agriculture, forestry, fishery and sightseeing due to groundless rumor</li> <li>Other losses including those from indirect damages on business operations etc.</li> </ul>	—	986.5	-1.8	48.7	1,035.2
○Other expenses <ul style="list-style-type: none"> <li>Losses and/or damages on tangible assets in evacuation zones</li> <li>Contribution to The Fukushima Pref. Nuclear Accident Affected People and Child Health Fund etc.</li> </ul>	—	484.3	147.2	148.3	632.7
○Amount of indemnity for nuclear accidents from Government <ul style="list-style-type: none"> <li>The amount of Governmental indemnity paid according to Indemnity Agreement for Nuclear Damage Compensation</li> </ul>	—	-120.0	—	—	-120.0
<b>Total</b>	<b>—</b>	<b>2,524.9</b>	<b>161.0</b>	<b>235.8</b>	<b>2,760.7</b>





# FY2012 Business Performance Outlook [Full Year] - 1

## - Key Factors Affecting Performance and Financial Impact

### Key Factors Affecting Performance

	1st Half Actual Performance	FY2012 Full Year Projection	
		New (As of Oct. 31)	Previous (As of Aug. 1)
Electricity Sales Volume (billion kWh)	133.4	272.7	272.3
Crude Oil Prices (All Japan CIF; dollars per barrel)	113.99	Approx. 112	Approx. 110
Foreign Exchange Rate (Interbank; yen per dollar)	79.41	Approx. 80	Approx. 80
Flow Rate (%)	96.5	Approx. 98	Approx. 100
Nuclear Power Plant Capacity Utilization Ratio (%)	-	-	-

### [Reference]

	FY2011 Actual Performance	
	1st Half	Full Year
Electricity Sales Volume (billion kWh)	130.2	268.2
Crude Oil Prices (All Japan CIF; dollars per barrel)	113.94	114.18
Foreign Exchange Rate (Interbank; yen per dollar)	79.76	79.08
Flow Rate (%)	104.4	104.3
Nuclear Power Plant Capacity Utilization Ratio (%)	25.1	18.5

### Financial Impact (sensitivity)

	FY2012 Full Year Projection		(Unit: billion yen)
	New (As of Oct. 31)	Previous (As of Aug. 1)	【Ref.】 FY2011 Full Year Actual Performance
Crude Oil Prices (All Japan CIF; 1 dollar per barrel)	Approx. 22.0	Approx. 22.0	18.0
Foreign Exchange Rate (Interbank; 1 yen per dollar)	Approx. 33.0	Approx. 33.0	28.0
Flow Rate (1%)	Approx. 2.0	Approx. 2.0	1.5
Nuclear Power Plant Capacity Utilization Ratio (1%)	-	-	15.0
Interest Rate (1%)	Approx. 26.0	Approx. 26.0	23.0

Note : "Crude Oil Prices", "Foreign Exchange Rate", "Flow Rate" and "Nuclear Power Plant Capacity Utilization Ratio" reflect the impact on annual Fuel expenses.

"Interest Rate" reflects the incremental amount of interest.



# FY2012 Business Performance Outlook [Full Year] - 2

## - Comparison with the Outlook of the Previous Fiscal Year

(Unit: Billion Yen)

	FY2012 New Projection (As of Oct. 31, 2012) <b>(A)</b>		FY2012 Previous Projection (As of Aug. 1, 2012) <b>(B)</b>		Comparison <b>(A)-(B)</b>	
	Consolidated	Non-consolidated	Consolidated	Non-consolidated	Consolidated	Non-consolidated
Operating Revenues	6,025.0	5,825.0	5,975.0	5,795.0	Approx. 50	Approx. 30
Operating Income	-225.0	-260.0	-305.0	-335.0	Approx. 80	Approx. 75
Ordinary Income	-335.0	-370.0	-425.0	-445.0	Approx. 90	Approx. 75
Net Income	-45.0	-55.0	-160.0	-155.0	Approx. 115	Approx. 100

### <Factors behind variance between FY2012 new and previous projection (Non-consolidated)>

Ordinary Income 【FY2012 Projection as of Aug 1, 2012】		-¥445.0 billion	
<b>[Costs]</b>	<b>+¥35.0 billion</b>	<b>[Revenues]</b>	<b>¥40.0 billion</b>
○ Decrease in operating expenses	+¥45.0 billion	○ Increase in operating revenues	+¥30.0 billion
• Decrease in maintenance expenses and overheads (fixed assets removal cost, etc.)	+¥40.0 billion	• Increase in other operating revenues	
• Others	+¥5.0 billion	• Increase in aids of Act on Special Measures Concerning Procurement of Renewable Electric Energy by Operators of Electric Utilities	
• Increase in payments of Act on Special Measures Concerning Procurement of Renewable Electric Energy by Operators of Electric Utilities		• Increase in gain on transportation services	
• Decrease in depreciation expenses		• Increase in electricity sales volume to other utilities/suppliers	
• Decrease in purchased electricity prices		• Increase in miscellaneous revenues from electric business	
• Increase in gas supply business cost		• Increase in revenues from gas supply business	
○ Increase in non-operating expenses (increase in miscellaneous loss, etc.)	-¥10.0 billion	○ Increase in non-operating income (increase in dividend received, etc.)	+¥10.0 billion
Ordinary Income 【FY2012 Projection as of Oct. 31, 2012】		-¥370.0 billion	(Up 75.0 billion yen)
<b>&lt;Reference&gt;</b>		Net Income 【FY2012 Projection as of Aug 1, 2012】	
		-¥155.0 billion	
• Better-than-expected ordinary income	+¥75.0 billion	} +¥25.0 billion	
• Reserve for fluctuation in water levels	+¥5.0 billion		
• Extraordinary income (Grants-in-aid from NDF, gain on sales of securities and change of retirement pension system)	+¥95.0 billion		
• Extraordinary loss (Expenses for nuclear damage compensation)	-¥75.0 billion		
Net Income 【FY2012 Projection as of Oct. 31, 2012】		-¥55.0 billion (Up 100.0 billion yen)	



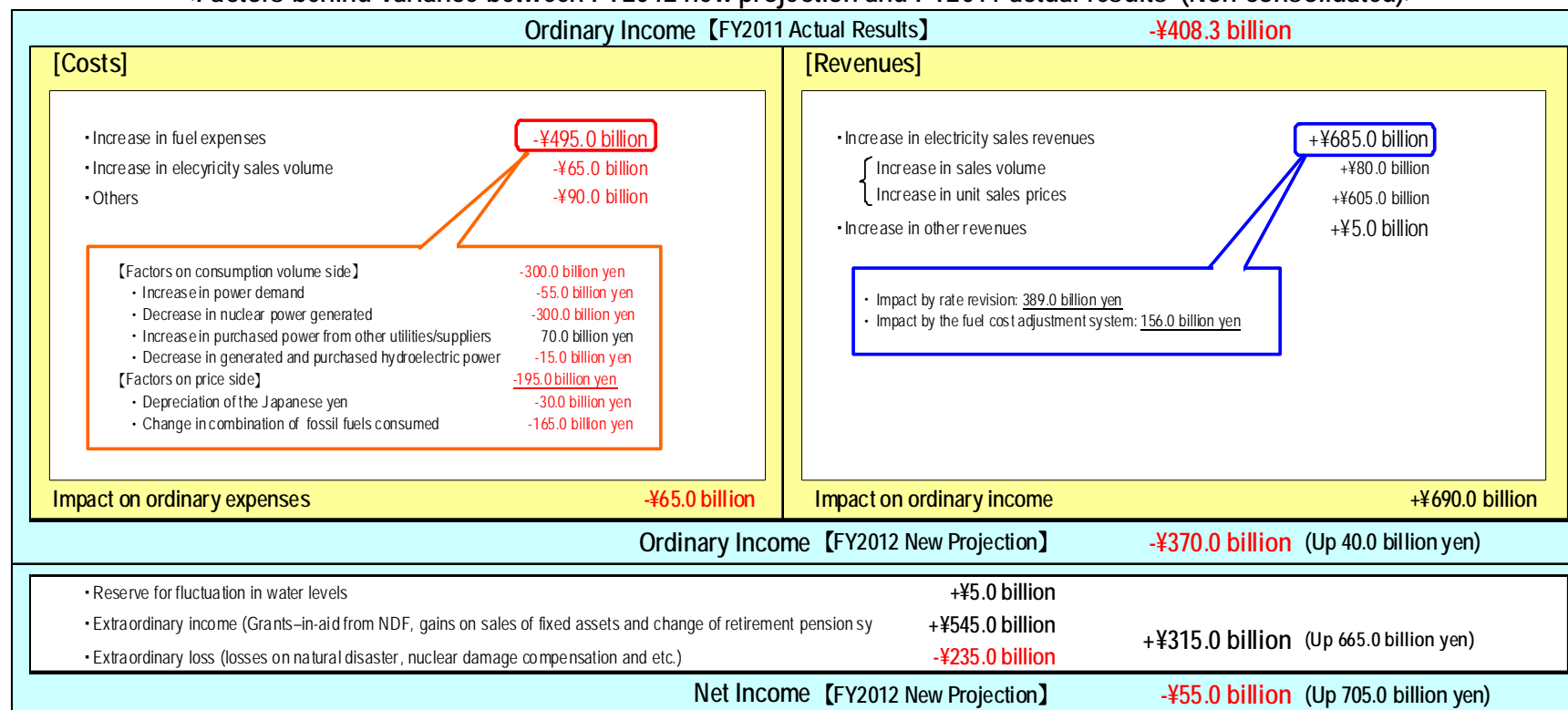
# FY2012 Business Performance Outlook [Full Year] - 3

## - Comparison with the Previous Fiscal Year Results

(Unit: Billion Yen)

	FY2012 Projection (A) (As of Oct. 31, 2012)		FY2011 Actual (B)		Comparison (A)-(B)	
	Consolidated	Non-consolidated	Consolidated	Non-consolidated	Consolidated	Non-consolidated
Operating Revenues	6,025.0	5,825.0	5,349.4	5,107.7	Approx. 675	Approx. 715
Operating Income	-225.0	-260.0	-272.5	-319.1	Approx. 50	Approx. 60
Ordinary Income	-335.0	-370.0	-400.4	-408.3	Approx. 65	Approx. 40
Net Income	-45.0	-55.0	-781.6	-758.4	Approx. 735	Approx. 705

### <Factors behind variance between FY2012 new projection and FY2011 actual results (Non-consolidated)>





## Fuel consumption data and projection

	FY2009	FY2010	FY2011	FY2012 Full-year Outlook		FY2012_1H	[Reference] FY2011_1H
	Actual	Actual	Actual	New	Previous	Actual	Actual
LNG (million tons)	18.51	19.46	22.88	23.95	23.27	11.45	11.34
Oil (million kl)	4.37	4.75	8.08	11.09	11.98	5.24	2.42
Coal (million tons)	3.54	3.02	3.22	3.17	2.98	1.61	1.16

Note. Monthly data for fuel consumption are available on TEPCO website. URL: <http://www.tepco.co.jp/en/news/presen/full-e.html>

## Fuel Procurement

### Oil

#### Crude Oil

(Unit: thousand kl)

	FY2008	FY2009	FY2010	FY2011
Indonesia	1,642	901	1,355	1,480
Brunei	—	—	—	—
China	—	—	—	—
Vietnam	157	45	—	—
Australia	227	141	150	306
Sudan	569	157	70	566
Gabon	—	—	—	120
Other	139	79	38	64
<b>Total imports</b>	<b>2,734</b>	<b>1,323</b>	<b>1,613</b>	<b>2,535</b>

#### Heavy Oil

(Unit: thousand kl)

	FY2008	FY2009	FY2010	FY2011
<b>Total imports</b>	<b>5,975</b>	<b>3,055</b>	<b>3,002</b>	<b>5,774</b>

### LNG

(Unit: thousand t)

	FY2008	FY2009	FY2010	FY2011
Alaska	523	422	418	—
Brunei	4,074	4,122	4,122	4,015
Abu Dhabi	4,942	4,870	4,761	4,914
Malaysia	4,091	3,862	3,874	3,867
Indonesia	107	109	166	54
Australia	964	281	352	239
Qatar	118	238	292	178
Darwin	2,217	2,388	2,131	1,950
Qalhat	685	757	561	689
Sakhalin	—	1,807	2,069	2,119
Spot contract	2,342	723	2,042	6,063
<b>Total imports</b>	<b>20,063</b>	<b>19,579</b>	<b>20,788</b>	<b>24,088</b>

### Coal

(Unit: thousand t)

	FY2008	FY2009	FY2010	FY2011
Australia	3,054	3,384	2,915	3,310
USA	—	40	—	—
South Africa	—	—	—	—
China	35	—	—	—
Canada	45	—	87	—
Indonesia	—	—	48	—
Russia	—	—	—	—
<b>Total imports</b>	<b>3,134</b>	<b>3,424</b>	<b>3,050</b>	<b>3,310</b>

SPOT and short-term contract LNG of approx. 3.12 million tons included



# Implementation of the Streamlining Policy

- ✓ Cost reduction: FY2012 targets for TEPCO and its subsidiaries & affiliated companies are 351.8 billion yen and 28.0 billion yen. The targets are going to be achieved this fiscal year.
- ✓ Asset disposal: Actual results for real estates, securities and subsidiaries & affiliated companies as of the end of FY2012 first half were 47.0 billion yen, 4.1 billion yen, and 29.7 billion yen, respectively. In addition, a part of shares (transfer price: about 33.3 billion yen) of AT TOKYO Corporation that is our subsidiary and Toshin Building (transfer price: about 25.0 billion yen) will be sold in this fiscal year (already announced on September 27, 2012).

		FY2011		Comprehensive Special Business Plan (covering 10 years to 2021)	FY2012	
		Original Plan	Outcomes (comparison with its original plan)	Details	Original Plan	Results & Outlook
Cost Reduction	TEPCO	237.4 billion yen	252.3 billion yen (+14.9 billion yen)	Reduction as much as 3,365 billion yen during next ten years*1	351.8 billion yen*1	Likely to be achieved
	Subsidiaries & Affiliated Companies	—	—	Reduction as much as 247.8 billion yen during next ten years	28.0 billion yen	Likely to be achieved
Asset Disposal	Real Estate	15.2 billion yen in TEPCO only	<ul style="list-style-type: none"> <li>➢ 43.1 billion yen (+27.9 billion yen) in TEPCO only</li> <li>➢ 50.2 billion yen in the TEPCO Group</li> </ul>	<ul style="list-style-type: none"> <li>➢ That worth 247.2 billion yen to be sold by the end of FY2013 in the TEPCO Group</li> <li>➢ Front-loading sales by the end of FY2012 planned (116.2 billion yen more than originally planned)</li> </ul>	159.8 billion yen	47.0 billion yen in 1H*2 (29% of the annual target)
	Securities	300.4 billion yen in TEPCO only	<ul style="list-style-type: none"> <li>➢ 314.1 billion yen (+13.7 billion yen) in TEPCO only</li> <li>➢ 317.6 billion yen in the TEPCO Group</li> </ul>	<ul style="list-style-type: none"> <li>➢ That worth 330.1 billion yen to be sold by the end of FY2013 in the TEPCO Group</li> <li>➢ Front-loading sales by the end of FY2012 planned</li> </ul>	7.2 billion yen	4.1 billion yen in 1H (57% of the annual target)
	Subsidiaries & Affiliated Companies	32.8 billion yen	47.0 billion yen (+14.2 billion yen)	<ul style="list-style-type: none"> <li>➢ That worth 130.1 billion yen (45 companies) to be sold by the end of FY2013 in the TEPCO Group</li> <li>➢ Front-loading sales by the end of FY2012 planned</li> </ul>	43.3 billion yen	29.7 billion yen in 1H (69% of the annual target)

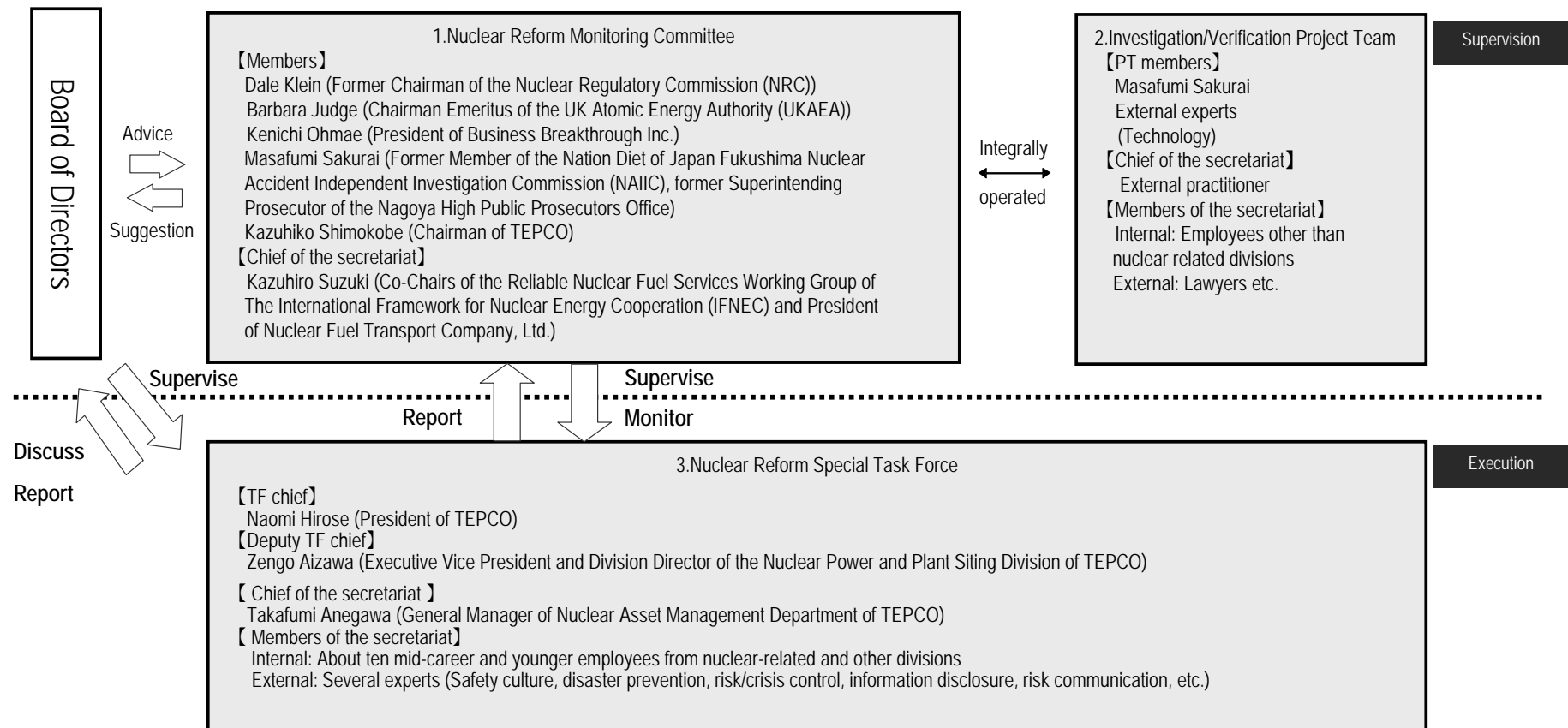
(Note) \*1. Includes decreases in depreciation expenses led by CAPEX reduction.

\*2. Most of the real estate to be sold in the 2<sup>nd</sup> half after enough research and preparation.



# Framework for the Nuclear Reform

- ✓ For the purpose of promoting management and safety culture reforms, Nuclear Reform Monitoring Committee and Investigation/Verification Project Team were established as advisory bodies to the board of directors, along with Nuclear Reform Special Task Force to be led by the president (September 11, 2012).
- ✓ The new framework is strictly monitored and led by external experts. In addition, the president himself leads motivated and reform-minded mid-career and younger employees to promptly and powerfully advance operation of nuclear power plant with the world's highest level of safety and technology and reform of management, organization and corporate culture of the entire TEPCO.
- ✓ Nuclear Reform Monitoring Committee: This committee monitors and supervises efforts of nuclear reform, then reports and suggests to the Board of Directors.  
Investigation/Verification Project Team: This team aligns the direction of tasks and measures based on the main issues of each nuclear accident investigation report, and then reports and suggests to the Board of Directors.  
Nuclear Reform Special Task Force: This implements nuclear reform under the supervision of Nuclear Reform Monitoring Committee.





## Ⅱ . FY2012 2nd Quarter Earnings Results (Detailed Information)



# Statements of Income (Consolidated)

(Unit: Billion yen)

	FY2012 (A) 1st Half	FY2011 (B) 1st Half	Comparison	
			(A)-(B)	(A)/(B) (%)
Operating Revenues	2,875.9	2,502.7	373.1	114.9
Operating Expenses	2,980.4	2,563.3	417.1	116.3
<b>Operating Income</b>	<b>-104.5</b>	<b>-60.6</b>	<b>-43.9</b>	<b>—</b>
Non-operating Revenues	35.0	47.3	-12.3	74.0
Investment Gain under the Equity Method	15.6	13.7	1.8	113.4
Non-operating Expenses	96.6	92.4	4.1	104.5
<b>Ordinary Income</b>	<b>-166.2</b>	<b>-105.7</b>	<b>-60.5</b>	<b>—</b>
(Reversal of or Provision for) Reserve for Fluctuation in Water Levels	-4.7	0.1	-4.8	—
(Reversal of or Provision for) Reserve for Depreciation of Nuclear Plants Construction	0.2	0.3	-0.1	60.4
Extraordinary Income	110.2	568.1	-457.9	—
Extraordinary Loss	235.8	1,075.9	-840.0	—
Income Tax and etc.	10.1	11.5	-1.4	87.9
Minority Interests	1.9	1.7	0.1	111.0
<b>Net Income</b>	<b>-299.4</b>	<b>-627.2</b>	<b>327.8</b>	<b>—</b>

- Gains on sales of fixed asset : **27.5 billion yen**
- Gains on sales of securities and shares of affiliated companies : **9.0 billion yen**
- Gains on retirement benefit plan amendments : **73.6 billion yen**

- Grants-in-aid from Nuclear Damage Liability Facilitation Fund : **543.6 billion yen**
- Gains on sales of securities : **24.5 billion yen**

- Extraordinary Loss from Natural Disasters : **185.0 billion yen**
- Expenses for Nuclear Damage Liability : **890.9 billion yen**

- Expenses for Nuclear Damage Liability : **235.8 billion yen**





# Revenues Breakdown (Non-consolidated)

13

(Unit: Billion yen)

	FY2012 (A) 1st Half	FY2011 (B) 1st Half	Comparison	
			(A)-(B)	(A)/(B) (%)
Ordinary Revenues	2,799.6	2,430.1	369.4	115.2
Operating Revenues	2,772.3	2,389.1	383.2	116.0
Operating Revenues from Electric Power Business	2,721.3	2,342.8	378.5	116.2
Electricity Sales Revenues	2,593.2	2,227.3	365.8	116.4
Lighting	1,048.9	962.7	86.2	109.0
Power	1,544.2	1,264.6	279.5	122.1
Power Sold to Other Utilities	54.6	48.3	6.3	113.2
Power Sold to Other Suppliers	15.0	17.9	-2.9	83.8
Other Revenues	58.4	49.1	9.2	118.7
Operating Revenues from Incidental Business	51.0	46.3	4.6	110.1
Non-operating Revenues	27.2	40.9	-13.7	66.5



# Expenses Breakdown (Non-consolidated)

14

(Unit: Billion yen)

	FY2012 (A) 1st Half	FY2011 (B) 1st Half	Comparison	
			(A)-(B)	(A)/(B) (%)
<b>Ordinary Expenses</b>	2,988.9	2,560.5	428.3	116.7
<b>Operating Expenses</b>	2,901.2	2,471.9	429.3	117.4
<b>Operating Expenses for Electric Power Business</b>	2,854.2	2,426.4	427.7	117.6
Personnel	184.3	185.8	-1.5	99.2
Fuel	1,346.5	978.5	367.9	137.6
Maintenance	158.4	129.1	29.2	122.6
Depreciation	297.9	318.0	-20.0	93.7
Power Purchasing	421.9	387.0	34.9	109.0
Taxes, etc.	164.4	160.4	4.0	102.5
Nuclear Power Back-end	25.8	50.5	-24.6	51.2
Other	254.5	216.7	37.8	117.4
<b>Operating Expenses for Incidental Business</b>	47.0	45.4	1.5	103.5
<b>Non-operating Expenses</b>	87.6	88.6	-1.0	98.9
Interest Paid	60.3	64.9	-4.6	92.9
Other Expenses	27.2	23.6	3.6	115.2

**Personnel expenses (¥185.8 billion to ¥184.3 billion)**

**-¥1.5 billion**

Salary and benefits (¥134.9 billion to ¥127.0 billion)

**-¥7.8 billion**

Retirement benefits (¥12.1 billion to ¥18.6 billion)

**+¥6.5 billion**

Decrease in amortization of actuarial difference ¥6.2 billion **(-¥5.0 billion to ¥1.1 billion)**

**<Amortization of Actuarial Difference>**

Reduced return on pension plan assets due to lower stock prices in FY2008

	Expenses incurred (A)	Expenses/Provisions in Each Period (B)					Amount Uncharged as of Sep. 30, 2012 (A) — (B)
		FY2009 Charged	FY2010 Charged	FY2011 Charged (Of which charged in 1st Half)	FY2012 1st Half Charged		
FY2008	68.1	22.7	22.7	—	—	—	
FY2009	-35.0	-11.6	-11.6	-5.8	-11.6	—	
FY2010	4.5	—	1.5	0.7	1.5	0.7	
FY2011	2.5	—	—	—	0.8	1.2	
Total		44.4	12.5	-5.0	-9.3	1.1	2.0

Note: TEPCO amortizes actuarial gain or loss by the straight-line method over a period of three years.

**Fuel expenses (¥978.5 billion to ¥1,346.5 billion)**

**+¥367.9 billion**

Consumption volume

Decrease in nuclear power generated (Nuclear power generated 19.0 billion kWh to - billion kWh)  
(Nuclear power plant capacity utilization ratio 25.1% to -%)

**+¥200.0 billion**

Increase in total power generated and purchased (139.9 billion kWh to 143.2 billion kWh)

**+¥39.0 billion**

Increase in electricity sales volume to other utilities/suppliers

**-¥28.0 billion**

Price

Rise in fuel prices (ex. All Japan CIF crude oil price: \$113.94/barrel to \$113.99/barrel)

**+¥162.0 billion**

Yen appreciation (¥79.76=\$1 to ¥79.41=\$1)

**-¥5.0 billion**



# Year-on-Year Comparison of Ordinary Expenses - 2 (Non-consolidated)

16

<b>Maintenance expenses (¥129.1 billion to ¥158.4 billion)</b>		<b>+¥29.2 billion</b>
Generation facilities (¥46.4 billion to ¥53.1 billion)		+¥6.7 billion
Hydroelectric power (¥3.7 billion to ¥3.4 billion)		-¥0.3 billion
Thermal power (¥31.3 billion to ¥36.7 billion)	Factors for Increase/Decrease Thermal: Increase in repair cost of turbine facilities and etc.	+¥5.4 billion
Nuclear power (¥11.1 billion to ¥12.6 billion)		+¥1.5 billion
Renewable energy (¥0.1 billion to ¥0.1 billion)		+¥0.0 billion
Distribution facilities (¥80.8 billion to ¥103.4 billion)		+¥22.5 billion
Transmission (¥6.7 billion to ¥11.1 billion)		+¥4.3 billion
Transformation (¥3.4 billion to ¥6.6 billion)	Factors for Increase/Decrease	+¥3.2 billion
Distribution (¥70.6 billion to ¥85.6 billion)	Distribution: Decrease in expense for replacement work of transformers, safety fuses and etc.	+¥15.0 billion
Others (¥1.9 billion to ¥1.8 billion)		-¥0.0 billion

<b>Depreciation expenses (¥318.0 billion to ¥297.9 billion)</b>		<b>-¥20.0 billion</b>
Generation facilities (¥128.2 billion to ¥117.7 billion)		-¥10.4 billion
Hydroelectric power (¥19.2 billion to ¥18.6 billion)		-¥0.5 billion
Thermal power (¥61.1 billion to ¥58.9 billion)		-¥2.1 billion
Nuclear power (¥47.7 billion to ¥39.9 billion)		-¥7.7 billion
Renewable energy (¥0.1 billion to ¥0.2 billion)		+¥0.0 billion
Distribution facilities (¥182.3 billion to ¥173.8 billion)		-¥8.5 billion
Transmission (¥84.8 billion to ¥81.3 billion)		-¥3.5 billion
Transformation (¥35.6 billion to ¥32.6 billion)		-¥3.0 billion
Distribution (¥61.7 billion to ¥59.7 billion)		-¥1.9 billion
Others (¥7.4 billion to ¥6.3 billion)		-¥1.0 billion

## <Depreciation Breakdown>

	FY2011_1H	FY2012_1H
Regular depreciation	¥317.7 billion	¥294.4 billion
Extraordinary depreciation	—	—
Trial operations depreciation	¥0.2 billion	¥3.5 billion



# Year-on-Year Comparison of Ordinary Expenses - 3 (Non-consolidated)

17

<b>Power purchasing costs (¥387.0 billion to ¥421.9 billion)</b>		<b>+¥34.9 billion</b>
Power purchased from other utilities (¥101.2 billion to ¥76.3 billion)	<u>Factors for Increase/Decrease</u>	<b>-¥24.8 billion</b>
Power purchased from other suppliers (¥285.7 billion to ¥345.5 billion)	Power purchased from other utilities: Increase due to power supply from other utilities	<b>+¥59.7 billion</b>
<b>Taxes and other public charges (¥160.4 billion to ¥164.4 billion)</b>		<b>+¥4.0 billion</b>
Electric power development promotion tax (¥51.0 billion to ¥52.3 billion)	<u>Factors for Increase/Decrease</u>	<b>+¥1.2 billion</b>
Enterprise tax (¥25.5 billion to ¥29.8 billion)	Enterprise tax: Increase mainly due to increase in unit sales price	<b>+¥4.2 billion</b>
Property tax (¥55.0 billion to ¥53.0 billion)		<b>-¥2.0 billion</b>
<b>Nuclear power back-end costs (¥50.5 billion to ¥25.8 billion)</b>		<b>-¥24.6 billion</b>
Irradiated nuclear fuel reprocessing expenses (¥45.3 billion to ¥24.7 billion)	<u>Factors for Increase/Decrease</u>	<b>-¥20.6 billion</b>
Expenses for future reprocessing of irradiated nuclear fuel (¥1.1 billion to ¥1.1 billion)	Irradiated nuclear fuel reprocessing expenses	<b>+¥0.0 billion</b>
Decommissioning costs of nuclear power units (¥4.1 billion to ¥ - billion)	: Decrease in periodic reserve obligation due to a nuclear power generated decrease	<b>-¥4.1 billion</b>
<b>Other expenses (¥216.7 billion to ¥254.5 billion)</b>		<b>+¥37.8 billion</b>
Business outsourcing expenses (¥69.1 billion to ¥98.7 billion)	<u>Factors for Increase/Decrease</u>	<b>+¥29.5 billion</b>
Payment of Act on Special Measures Concerning Procurement of Renewable Electric Energy by Operators of Electric Utilities (¥- billion to ¥8.9 billion)	Business outsourcing expenses: Increase in those related to compensation payout operations	<b>+¥8.9 billion</b>
<b>Incidental business operating expenses (¥45.4 billion to ¥47.0 billion)</b>		<b>+¥1.5 billion</b>
Energy facility service business (¥0.9 billion to ¥0.7 billion)		<b>-¥0.1 billion</b>
Real estate leasing business (¥2.1 billion to ¥2.0 billion)	<u>Factors for Increase/Decrease</u>	<b>-¥0.1 billion</b>
Gas supply business (¥40.7 billion to ¥42.3 billion)	Gas supply business: Increase in raw material price	<b>+¥1.5 billion</b>
Other incidental business (¥1.6 billion to ¥1.9 billion)		<b>+¥0.2 billion</b>
<b>Interest paid (¥64.9 billion to ¥60.3 billion)</b>		<b>-¥4.6 billion</b>
Decrease in the amount of interest-bearing debt (¥8,519.5 billion in the end of FY2011/1H to ¥8,193.5 billion in the end of FY2012/1H)		<b>-¥5.7 billion</b>
<b>Other non-operating expenses (¥23.6 billion to ¥27.2 billion)</b>		<b>+¥3.6 billion</b>
Stock issuance expenses (¥0.0 billion to ¥2.5 billion)		<b>+¥2.5 billion</b>
Loss on sales of property (¥0.0 billion to ¥0.8 billion)		<b>+¥0.7 billion</b>



# Balance Sheets (Consolidated and Non-consolidated)

(Upper and lower rows show consolidated and non-consolidated figures, respectively) (Unit: Billion yen)

		Sep. 30, 2012 (A)	Mar. 31, 2012 (B)	Comparison	
				(A)-(B)	(A)/(B) (%)
Total Assets	(Consolidated)	15,503.6	15,536.4	-32.8	99.8
	(Non-consolidated)	15,122.2	15,149.2	-27.0	99.8
Fixed Assets		12,500.2	13,250.2	-749.9	94.3
		12,283.1	13,019.9	-736.7	94.3
(*)	Electricity Business	7,420.5	7,440.5	-19.9	99.7
	Incidental Business	45.8	49.2	-3.3	93.2
	Non-Business	6.8	6.9	-0.0	98.6
	Construction in Progress	830.3	882.1	-51.7	94.1
	Nuclear Fuel	834.6	845.7	-11.1	98.7
	Others	3,144.8	3,795.3	-650.4	82.9
Current Assets		3,003.3	2,286.2	717.1	131.4
		2,839.0	2,129.3	709.7	133.3
Liabilities		13,992.2	14,723.9	-731.7	95.0
		13,903.6	14,621.7	-718.1	95.1
Long-term Liability		12,399.6	12,391.4	8.1	100.1
		12,282.1	12,275.7	6.3	100.1
Current Liability		1,583.6	2,318.9	-735.3	68.3
		1,612.4	2,332.4	-719.9	69.1
Reserves for Fluctuation in Water Level		5.1	9.8	-4.7	51.8
		5.1	9.8	-4.7	51.8
Reserves for Depreciation of Nuclear Plants Construction		3.9	3.6	0.2	105.8
		3.9	3.6	0.2	105.8
Net assets		1,511.3	812.4	698.8	186.0
		1,218.6	527.4	691.1	231.0
Shareholders' Equity		1,549.2	848.7	700.5	182.5
		1,219.5	527.7	691.7	231.1
Valuation, Translation Adjustments and Others		-63.0	-61.5	-1.4	—
		-0.8	-0.3	-0.5	—
Minority Interests		25.1	25.2	-0.1	99.3
		—	—	—	—
(*) Non-consolidated					
Interest-bearing Debt Outstanding		8,236.5	8,320.5	-84.0	99.0
		8,193.5	8,277.3	-83.8	99.0
Equity Ratio (%)		9.6	5.1	4.5	—
		8.1	3.5	4.6	—

"Others" in Fixed Assets include "Grants-in-aid receivable from Nuclear Damage Compensation Facilitation Corporation" of 1,099.6 billion yen.

## Interest-bearing debt outstanding

(Unit: Billion yen)

	Sep. 30, 2012	Mar. 31, 2012
Bonds	4,566.2 4,565.9	4,425.5 4,425.1
Long-term debt	3,569.7 3,529.0	3,453.1 3,411.9
Short-term debt	100.4 98.5	441.7 440.2
Commercial paper	- -	- -

Note: Upper and lower rows show consolidated and non-consolidated figures, respectively

Shareholders' equity increased by 1,000 billion yen (capital: 500.0 billion yen, capital surplus: 500.0 billion yen) due to allocation of new shares to a third party of due date of payment on July 31, 2012 (issuance of preferred shares allocated to Nuclear Damage Liability Facilitation Fund).



# Consolidated Statements of Cash Flows

	FY2012 (A)	FY2011 (B)	(Unit: Billion yen)
	1st Half	1st Half	Comparison
			(A)-(B)
<b>Cash flow from operating activities</b>	<b>-24.7</b>	<b>-106.3</b>	81.6
Income / loss before income taxes and minority interests	-287.3	-613.9	326.6
Depreciation and amortization	313.8	339.0	-25.1
Provision for casualty loss from natural disaster (*1)	5.3	171.5	-166.2
Grants-in-aid from Nuclear Damage Compensation Facilitation Corporation	-	-543.6	543.6
Expenses for nuclear damage compensation	235.8	890.9	-655.0
Increase / decrease in trade receivable (*2)	-110.3	-78.0	-32.3
Grants-in-aid from Nuclear Damage Compensation Facilitation Corporation received	663.0	-	663.0
Compensation for nuclear power-related damages paid	-705.2	-130.2	-574.9
Others	-139.8	-141.9	2.1
<b>Cash flows from investing activities</b>	<b>-215.0</b>	<b>-237.1</b>	22.0
Purchases of property, plant and equipment	-297.0	-356.3	59.3
Proceeds from investments	100.9	123.6	-22.7
Others	-19.0	-4.4	-14.5
<b>Cash flows from financing activities:</b>	<b>908.6</b>	<b>-376.1</b>	1,284.7
Proceeds from issuance of bonds	589.2	-	589.2
Redemption of bonds	-448.7	-319.9	-128.7
Proceeds from long-term loans	216.5	121.8	94.7
Repayment of long-term loans	-100.4	-172.9	72.4
Proceeds from short-term loans	758.3	413.5	344.8
Repayment of short-term loans	-1,099.7	-412.2	-687.4
Proceeds from issuance of equity	997.4	-	997.4
Others	-4.1	-6.3	2.1
Effect of exchange rate changes on cash and cash equivalents	0.3	1.0	-0.6
Net increase (decrease) in cash and cash equivalents (*1)	669.1	-718.6	1,387.7
Cash and cash equivalents at beginning of the year	1,253.8	2,206.2	-952.3
Cash and cash equivalents at end of the quarter	1,923.0	1,487.6	435.4

\*1: "-" denote a decrease      \*2: "-" denote an increase



(Unit: Billion yen)

	FY2012 (A)	FY2011 (B)	Comparison	
	1st Half	1st Half	(A)-(B)	(A)/(B) (%)
<b>Operating Revenues</b>	<b>2,875.9</b>	<b>2,502.7</b>	<b>373.1</b>	<b>114.9</b>
Electric Power	2,721.3	2,342.8	378.5	116.2
Others	282.4	289.5	-7.0	97.6
	154.5	159.9	-5.3	96.6
<b>Operating Expenses</b>	<b>2,980.4</b>	<b>2,563.3</b>	<b>417.1</b>	<b>116.3</b>
Electric Power	2,854.2	2,426.4	427.7	117.6
Others	255.6	268.1	-12.5	95.3
<b>Operating Income</b>	<b>-104.5</b>	<b>-60.6</b>	<b>-43.9</b>	<b>—</b>
Electric Power	-132.8	-83.6	-49.2	—
Others	26.8	21.3	5.4	125.6

Note: The lower row in operating revenues section represents revenues from external customers.

## Major subsidiaries in "Others" segment

(Unit: Billion yen)

	Operating Revenues		Operating Income	
		YOY Increase		YOY Increase
Toden Kogyo Co., Ltd.	26.8	2.3	0.6	-0.1
Fuel TEPCO Limited	33.2	15.2	0.6	0.3
Tokyo Timor Sea Resources Inc. (US)	12.1	-0.0	7.3	-1.2
Toden Real Estate Co., Inc.	17.5	1.9	5.2	1.8
Toden Kokoku Co., Ltd.	8.8	-0.1	1.0	0.6
Gas Business Company	43.3	4.2	1.0	2.6
Leasing and Management of Real Estate	3.8	-0.1	1.8	0.0
Overseas Consulting Business	0.5	0.2	0.3	0.2

Note:  indicates TEPCO's incidental business.

## <Reference: Performance of Overseas IPP Business>

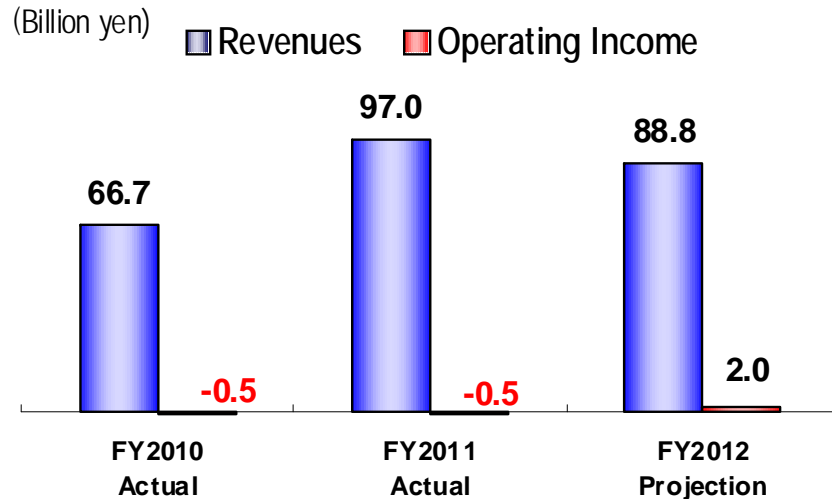
FY2012 1st Half	
Revenues	¥36.0 billion
Operating Income	¥11.0 billion
Net Income	¥5.1 billion

Note: The numbers above don't agree with those recorded as "Investment gain under the equity method" on TEPCO's statements of income or "Segment Information."

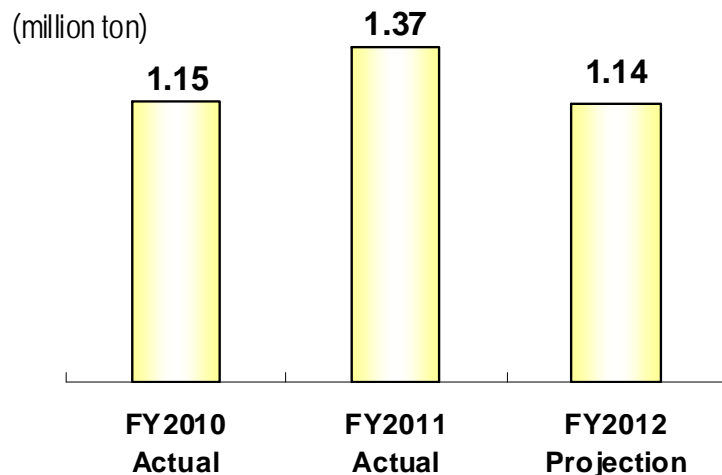




## Operating Performance



## Sales Volume



### <FY2012/1H Actual Performance>

**Operating revenues:** Increased 4.2 billion yen to 43.3 billion yen due to a rise in LNG prices although sales volume was decreased.

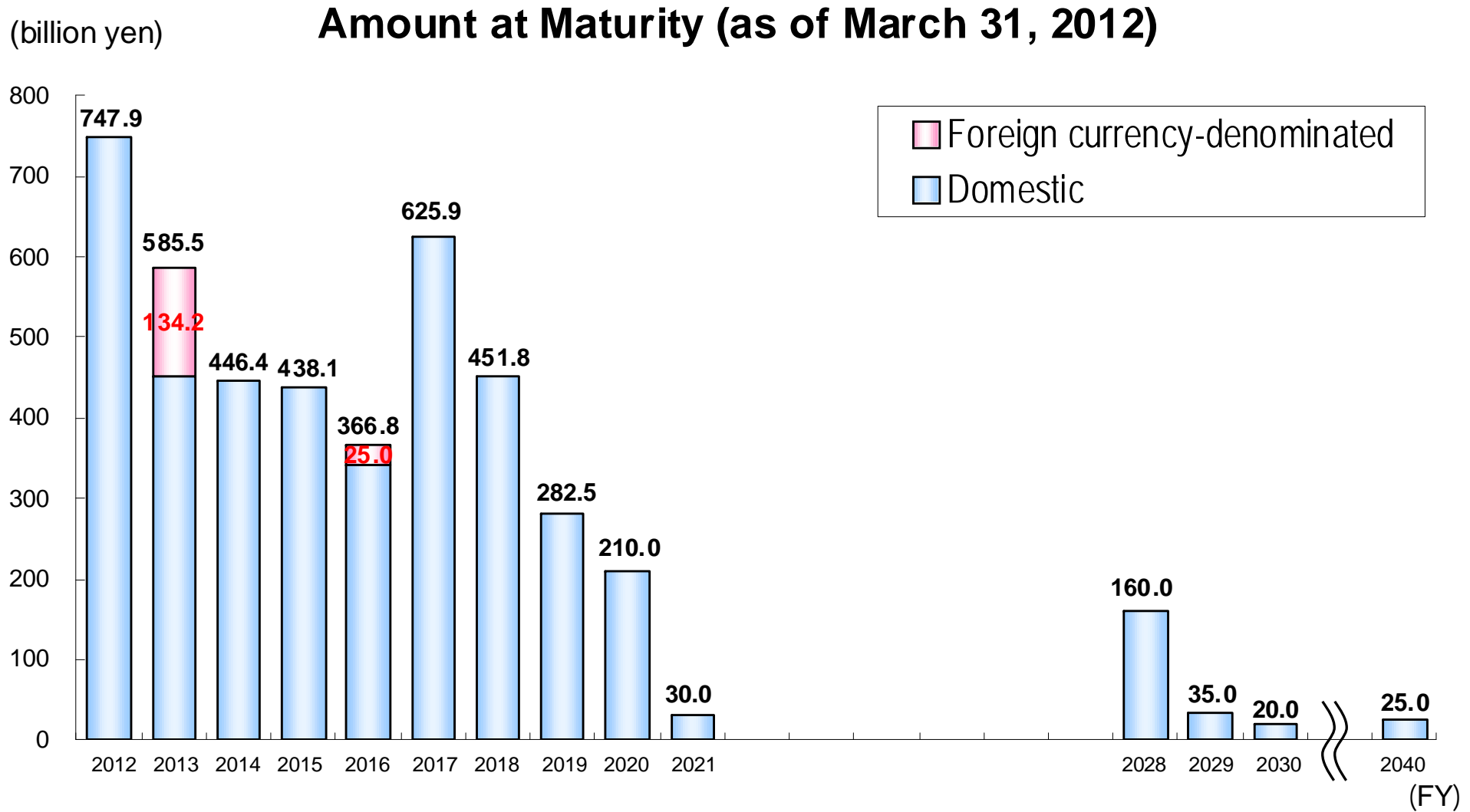
**Operating expenses:** Increased 1.5 billion yen to 42.3 billion yen due to a rise in raw material prices in accordance with appreciating LNG prices.

**Operating Income:** Recorded 1.0 billion yen.

### <FY2012 Full-Year Performance Outlook>

**Operating revenues:** Expected to be decreased 8.1 billion yen to 88.8 billion yen due to decrease in sales volume.

**Operating Income:** Expected to be increased 2.5 billion yen to 2.0 billion yen.





(Units: Billion kWh, %)

Electricity Sales Volume	FY2011			FY2012						
	1st Half	2nd Half	Full Year	Apr.	May	Jun.	Jul.	Aug.	Sep.	1st Half
Regulated segment	49.79 (-12.7)	57.17 (-2.4)	106.96 (-7.5)	8.52 (-4.3)	7.96 (6.2)	6.66 (3.2)	7.36 (-15.2)	9.57 (9.2)	9.59 (1.1)	49.66 (-0.3)
Lighting	44.09 (-12.5)	51.70 (-2.5)	95.80 (-7.4)	7.71 (-4.2)	7.15 (6.5)	5.92 (3.1)	6.48 (-14.5)	8.36 (9.1)	8.41 (0.8)	44.03 (-0.1)
Low voltage	4.74 (-15.8)	4.61 (-1.0)	9.36 (-9.1)	0.66 (-3.6)	0.62 (6.2)	0.57 (4.4)	0.73 (-22.1)	1.05 (9.6)	1.06 (2.9)	4.70 (-1.0)
Others	0.95 (-5.2)	0.85 (-2.9)	1.80 (-4.1)	0.15 (-10.0)	0.19 (-2.4)	0.16 (2.2)	0.15 (-9.0)	0.16 (11.1)	0.12 (1.2)	0.94 (-1.6)
Liberalized segment	80.39 (-14.2)	80.88 (-3.9)	161.27 (-9.3)	13.26 (10.0)	12.66 (4.4)	13.34 (1.4)	14.09 (-1.1)	15.16 (5.8)	15.19 (4.9)	83.70 (4.1)
Commercial use	33.14 (-19.5)	33.74 (-6.8)	66.88 (-13.6)	5.48 (12.7)	5.12 (10.1)	5.40 (5.8)	5.90 (-0.8)	6.90 (9.2)	6.83 (9.1)	35.62 (7.5)
Industrial use and others	47.25 (-10.0)	47.15 (-1.6)	94.39 (-6.0)	7.78 (8.2)	7.54 (0.8)	7.94 (-1.4)	8.19 (-1.3)	8.26 (3.1)	8.36 (1.7)	48.08 (1.8)
<b>Total electricity sales volume</b>	<b>130.18 (-13.6)</b>	<b>138.05 (-3.3)</b>	<b>268.23 (-8.6)</b>	<b>21.78 (3.9)</b>	<b>20.63 (5.1)</b>	<b>20.00 (2.0)</b>	<b>21.45 (-6.4)</b>	<b>24.73 (7.1)</b>	<b>24.78 (3.4)</b>	<b>133.37 (2.4)</b>

Note: Figures in parentheses denote percentage change from the previous year. Rounded to the nearest decimal point.

(Units: Billion kWh, %)

Total Power Generated and Purchased	FY2011			FY2012						
	1st Half	2nd Half	Full Year	Apr.	May	Jun.	Jul.	Aug.	Sep.	1st Half
Total power generated and purchased	139.90 (-13.7)	150.91 (-2.9)	290.81 (-8.4)	21.94 (6.2)	21.55 (2.1)	21.80 (-2.6)	25.69 (-0.5)	27.59 (6.8)	24.63 (2.2)	143.20 (2.4)
Power generated by TEPCO	119.58	129.61	249.19	19.24	18.59	17.84	20.61	22.81	20.21	119.30
Hydroelectric power generation	6.10	4.71	10.81	1.08	1.29	1.06	1.18	1.07	0.79	6.47
Thermal power generation	94.43	115.86	210.29	18.16	17.30	16.77	19.42	21.73	19.42	112.80
Nuclear power generation	19.05	9.02	28.07	-	-	-	-	-	-	-
Renewable Energy	0.00	0.02	0.02	0.00	0.00	0.01	0.01	0.01	0.00	0.03
Power purchased from other companies	20.69	23.34	44.03	2.90	3.10	4.02	5.25	5.14	4.89	25.30
Used at pumped storage	-0.37	-2.04	-2.41	-0.20	-0.14	-0.06	-0.17	-0.36	-0.47	-1.40

Note: Figures in parentheses denote percentage change from the previous year. Rounded to the nearest decimal point.



【Reference】

# Recent Demand Trend of Large-scale Industries

✓ Electricity sales volume to large-scale industrial customers in the first half of FY2012 grew 1.2% year on year and was increased from the previous half in the former four halves due to a bounce-back from significant damages on industries caused by the Great East Japan Earthquake last year.

## 【Year-on-year Electricity Sales Growth in Large Industrial Customer Segment】

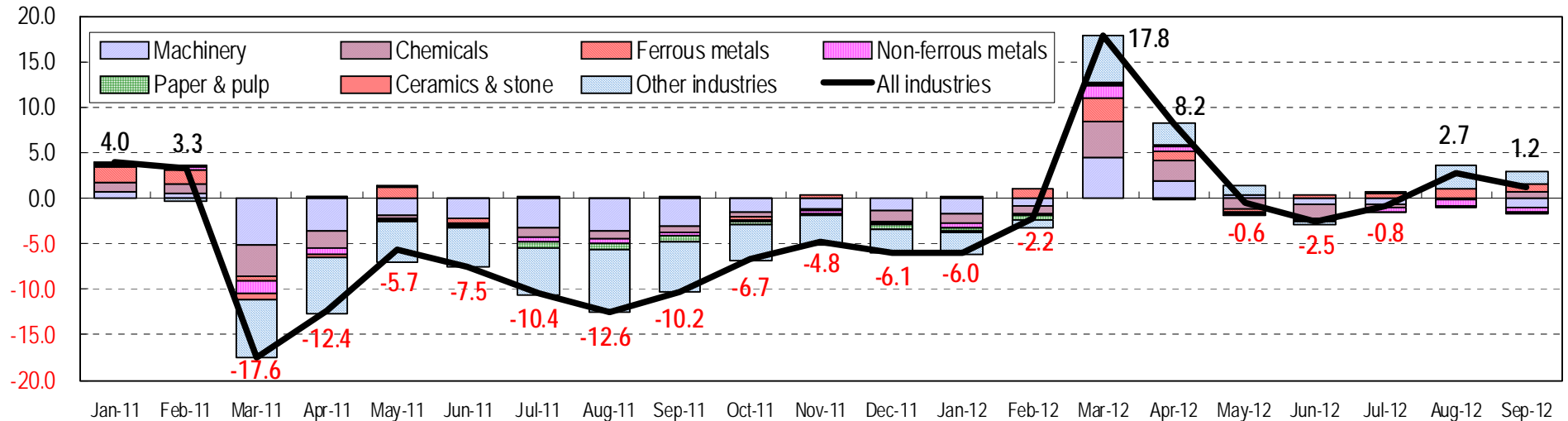
(Unit: %)

	FY2011					FY2012						
	1st Haif	3rdQuarter	4thQuarter	2nd Half	Full Year	Apr.	May.	Jun.	Jul.	Aug.	Sep.	1st Half
Paper & pulp	-11.0	-9.7	-6.5	-8.2	-9.6	-2.0	-5.7	-1.0	2.8	-1.6	-4.3	-2.1
Chemicals	-6.9	-5.2	4.8	-0.6	-3.9	20.0	-9.1	-12.7	-3.1	0.5	6.6	-0.3
Ceramics & stone	-4.8	-0.1	-0.8	-0.5	-2.7	6.9	-5.5	-5.8	-2.2	-4.1	-4.8	-2.7
Ferrous metals	2.6	0.0	11.5	5.5	4.1	10.0	-2.7	3.4	6.0	12.3	9.3	6.0
Non-ferrous metals	-8.3	-5.1	3.5	-1.0	-4.8	8.3	-1.3	-1.9	-9.4	-12.7	-8.7	-4.5
Machinery	-13.2	-6.3	1.9	-2.4	-8.1	9.1	1.9	-2.9	-2.7	-1.0	-4.3	-0.3
Other industries	-11.7	-7.4	0.8	-3.5	-7.8	5.3	2.2	-0.7	0.2	5.4	2.8	2.5
<b>Total for Large Industrial Customers</b>	<b>-9.8</b>	<b>-5.9</b>	<b>2.4</b>	<b>-2.0</b>	<b>-6.1</b>	<b>8.2</b>	<b>-0.6</b>	<b>-2.5</b>	<b>-0.8</b>	<b>2.7</b>	<b>1.2</b>	<b>1.2</b>
<b>【Ref.】 10-company total</b>	<b>-4.7</b>	<b>-3.1</b>	<b>0.2</b>	<b>-1.5</b>	<b>-3.2</b>	<b>5.8</b>	<b>1.9</b>	<b>-2.0</b>	<b>-1.7</b>	<b>-1.4</b>	<b>-2.0</b>	<b>0.0</b>

Note: Figures are not leap-year adjusted.

Preliminary figures for "10-company total" of September and 1st Half.

## (%) 【Contribution Analysis on Sales Volume Growth in Large Industrial Customers Segment】

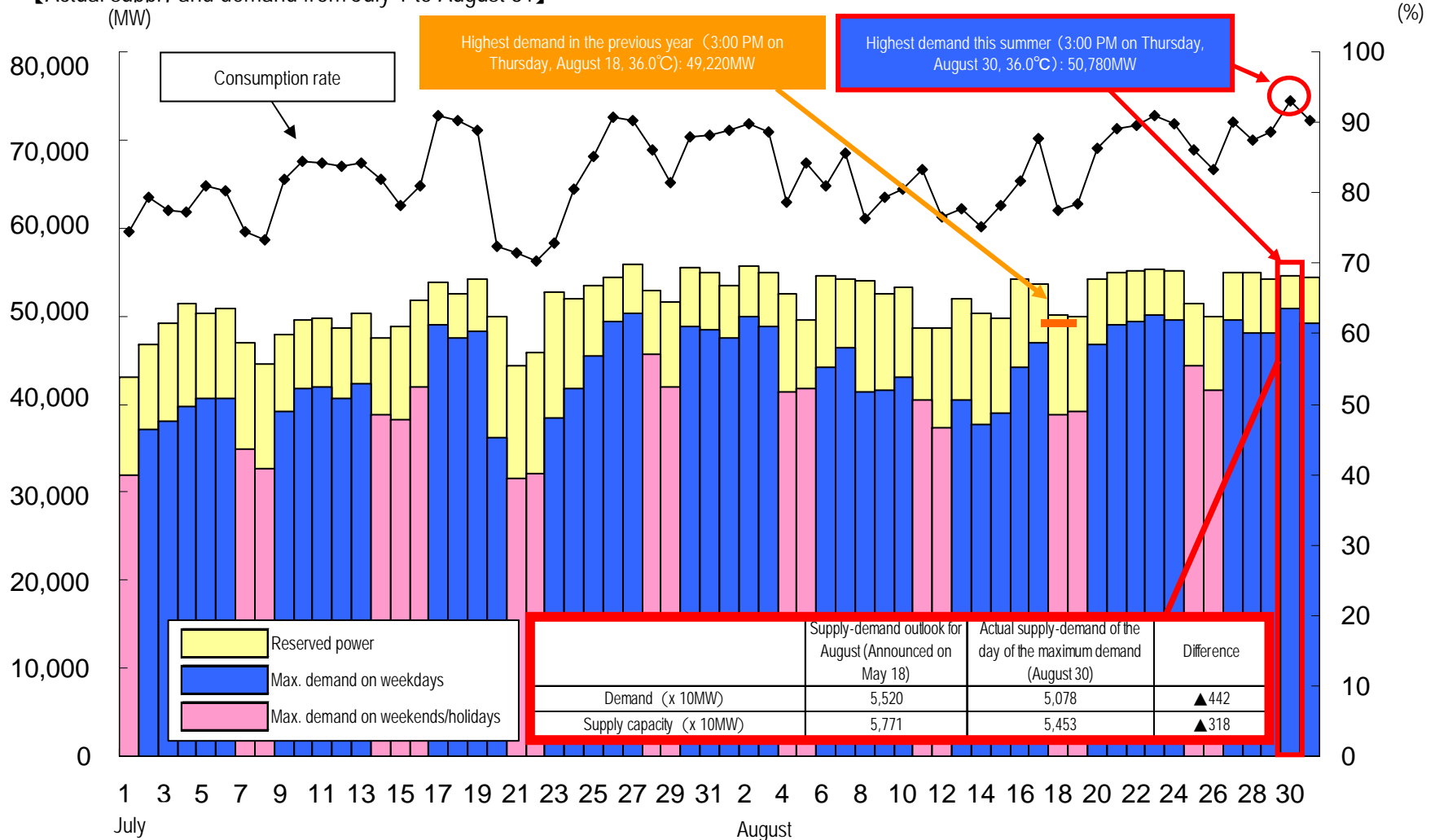




# 【Reference】 Electricity Supply and Demand this Summer

The highest demand this summer was 50,780MW recorded on Thursday, August 30, which was 1,560MW more than the previous year. This highest demand was 4,420MW less than our initial estimate due to power-saving effects. Meanwhile, electricity supply was 3,180MW less than our supply plan due to unexpected stopping of thermal power plants and water shortages of hydroelectric power plants on the same day. Power consumption rate was also the highest (93%) on the same day in July and August.

【Actual supply and demand from July 1 to August 31】

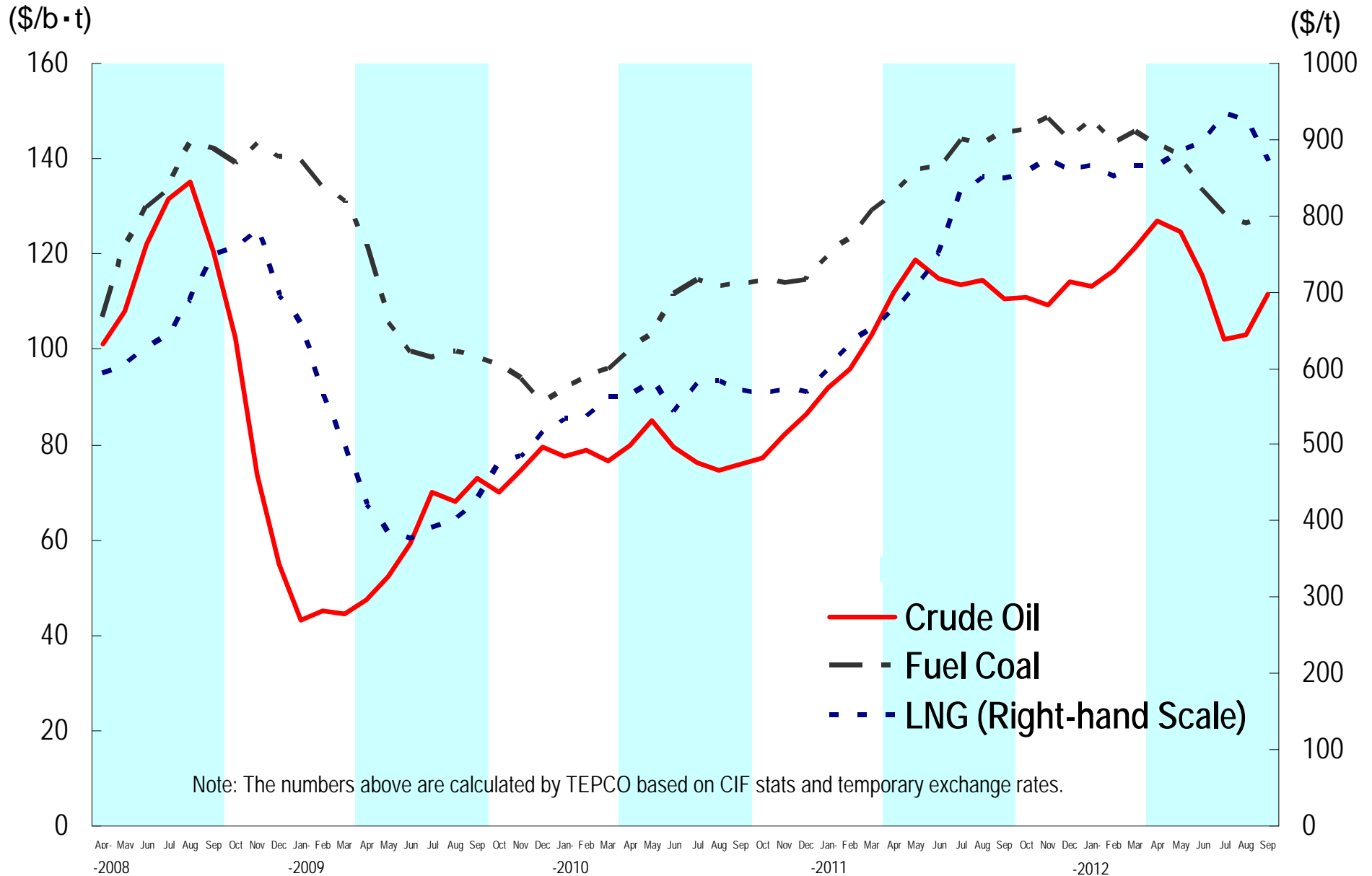


Note: Weighted average temperatures in our sales areas



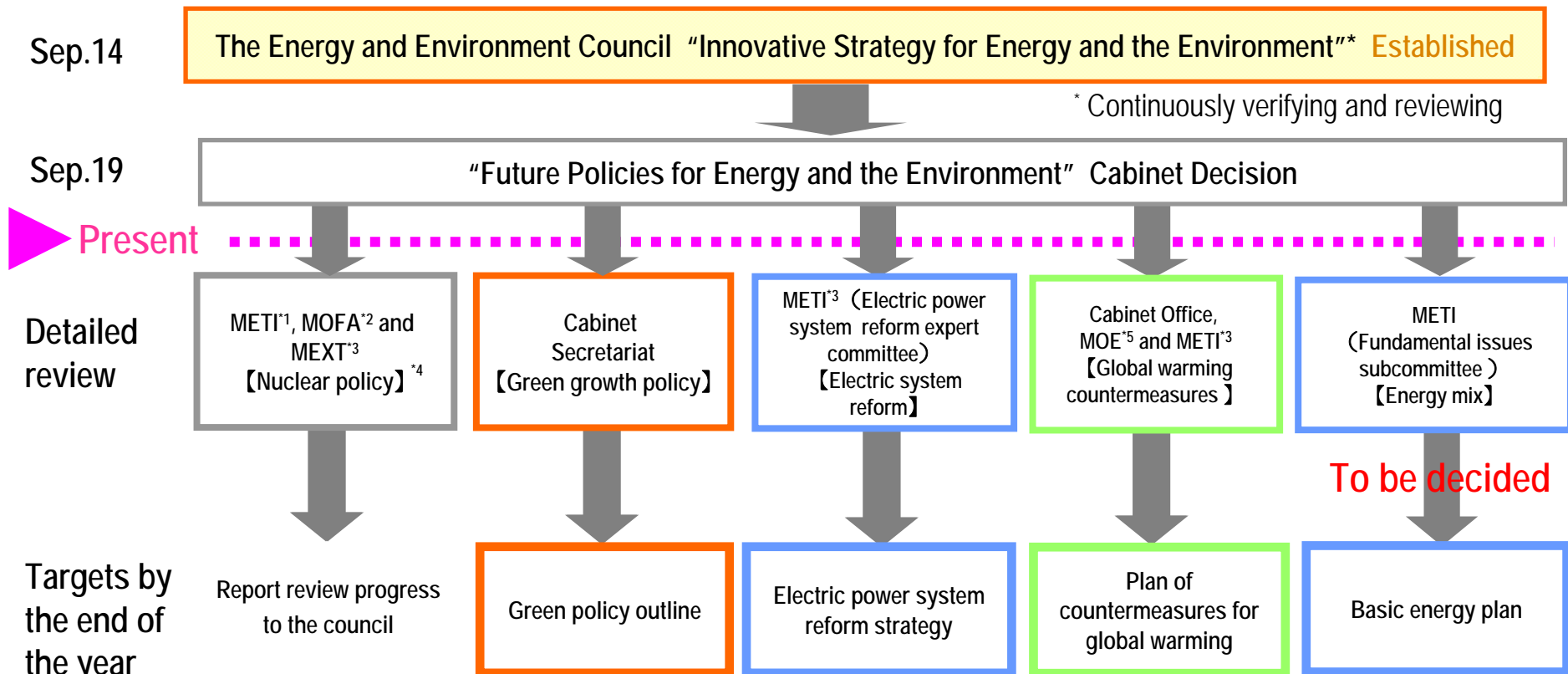
[Reference]

# Historical Prices of CIF Crude Oil, Fuel Coal and LNG





- ✓ Measures to strengthen human resources and technology in nuclear power policy will be decided by the end of 2012. Status of study about nuclear fuel-cycle policies and other items will be reported to the Energy and Environment Council to be held at the end of December 2012.
- ✓ Green policy outline, electric power system reform strategy and plan of countermeasures for global warming is going to be decided by the end of 2012.
- ✓ Basic energy plan will be decided in the near future.



<sup>1</sup> Ministry of Economy, Trade and Industry

<sup>2</sup> Ministry of Foreign Affairs of Japan

<sup>3</sup> Ministry of Education, Culture, Sports, Science and Technology

<sup>4</sup> Nuclear policy is decided at the Energy and Environment Council.

- New policy outline committee (Atomic Energy Commission of Cabinet Office) was finished on October 2, 2012

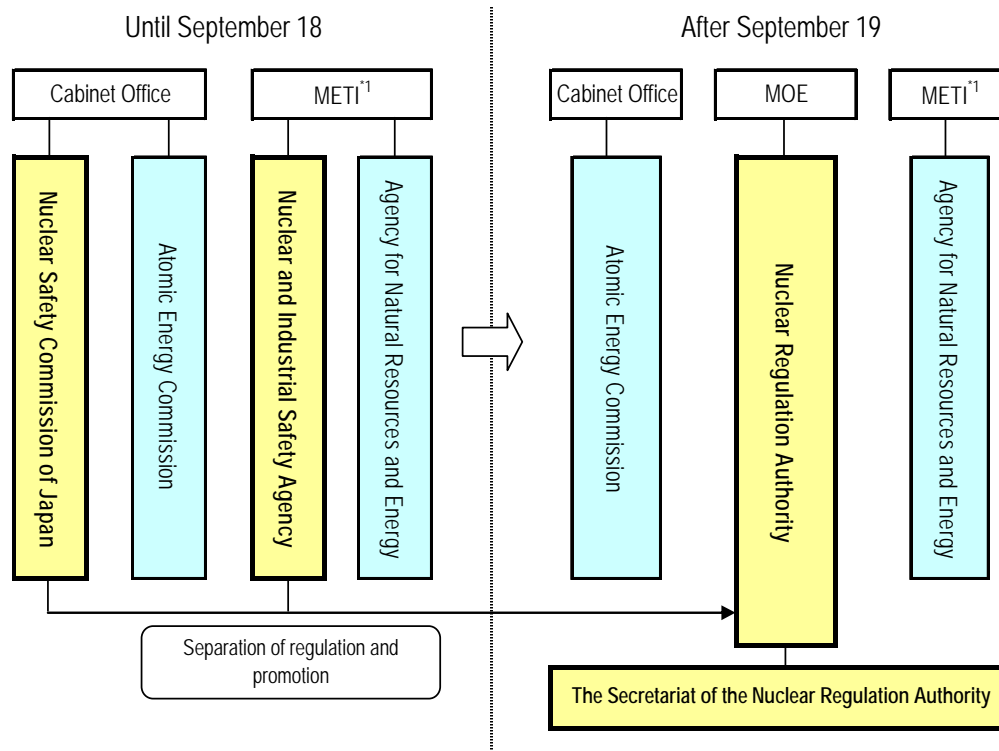
- A committee of advisors about review of Atomic Energy Commission will be held at the end of October 2012. Review plan is going to be completed by the end of 2012.

<sup>5</sup> Ministry of the Environment



- ✓ Nuclear Regulation Authority was established as a highly independent affiliated agency of Ministry of the Environment (MOE) on September 19, 2012.
- ✓ In addition to affairs of Nuclear Safety Commission of Agency and Nuclear and Industrial Safety Agency, affairs concerning regulations of nuclear safety, safeguards for nuclear non-proliferation and other related matters under the jurisdiction of Ministry of Education, Culture, Sports, Science and Technology (MEXT) and Ministry of Land, Infrastructure, Transport and Tourism (MLIT) are unified.
- ✓ The Secretariat of the Nuclear Regulation Authority was established in Nuclear Regulation Authority.
- ✓ Nuclear Regulation Authority reviews regulations and systems for nuclear safety (Nuclear Reactor Regulation Law, Act on Special Measures Concerning Nuclear Emergency Preparedness and other related laws and acts).

## Changes in nuclear administrative organizations



\* Ministry of Economy, Trade and Industry

### [Main review items]

#### Revision of Nuclear Reactor Regulation Law

- Strengthening of countermeasures for serious accidents, introduction of system to reflect latest technical knowledge to facilities and operation, limitation on duration of operation and other related matters

#### Revision of Act on Special Measures Concerning Nuclear Emergency Preparedness

- Improvement of countermeasures for nuclear disasters
- Enhancement of the Nuclear Emergency Response Headquarters in nuclear emergencies
- Excluding matters judged by Nuclear Regulatory Commission to ensure safety of nuclear facilities based on technical and professional knowledge from instructions of the director-general of the nuclear emergency
- Improvement of countermeasures for restoration after the cancellation of a nuclear emergency situation
- Enshrining Nuclear Emergency Response policies in law

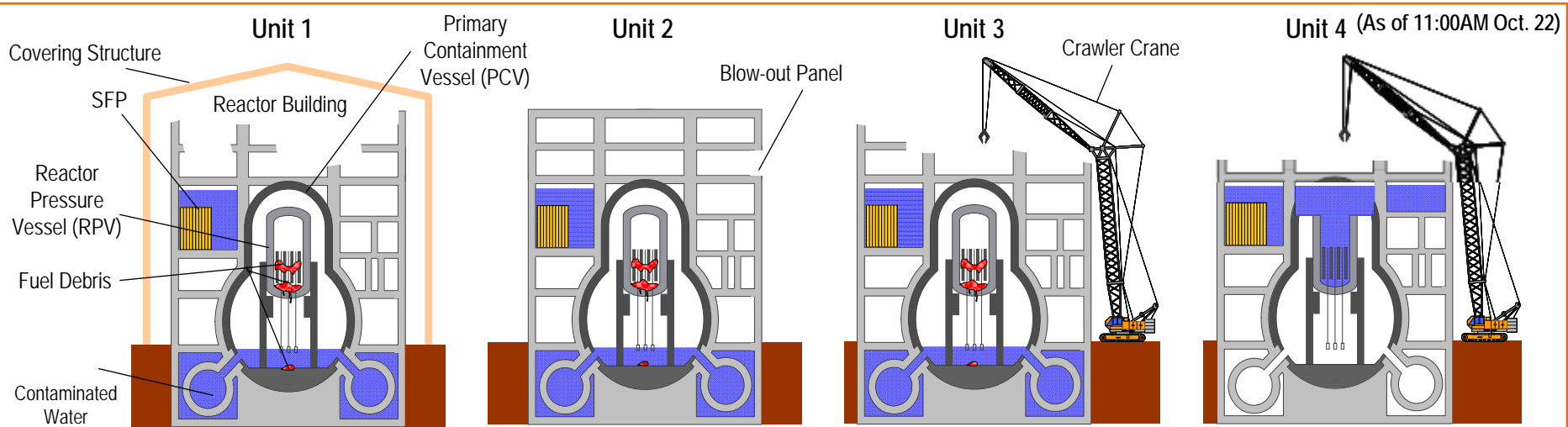




【Reference】

# The Current Status of Fukushima Daiichi Nuclear Power Stations and Future Initiatives

- ✓ At Units 1 through 3, we continue circulatory water-cooling operations for the reactors. The temperature of the bottom of each of Units 1 and 3 reactor pressure vessels (directly measured from outside) has been kept between 30 and 50 degrees centigrade.
- ✓ We continue circulatory water-cooling system for Spent Fuel Pools of Units 1 through 4 to cool down spent nuclear fuels there.



	<b>32.5°C/ 34.3°C</b>	<b>45.1°C<sup>*3</sup>/44.9°C</b>	<b>44.9°C/41.8°C</b>	
Reactor*1	<ul style="list-style-type: none"> <li>•Nitrogen Gas Injection</li> <li>•Circulatory Water-cooling Operation</li> <li>•PCV Gas Management System</li> </ul>	<ul style="list-style-type: none"> <li>•Nitrogen Gas Injection</li> <li>•Circulatory Water-cooling Operation</li> <li>•PCV Gas Management System</li> </ul>	<ul style="list-style-type: none"> <li>•Nitrogen Gas Injection</li> <li>•Circulatory Water-cooling Operation</li> <li>•PCV Gas Management System</li> </ul>	No Fuel at the time of accidents
SFP	<b>22.5°C</b>	<b>24.6°C</b>	<b>20.0°C</b>	<b>29.0°C</b>
	•Circulatory Cooling Operation	•Circulatory Cooling Operation	<ul style="list-style-type: none"> <li>•Circulatory Cooling Operation</li> <li>•Desalination System</li> </ul>	<ul style="list-style-type: none"> <li>•Circulatory Cooling Operation</li> <li>•Ion Exchange System*2</li> </ul>
Other	•Installation work of covering structures for reactor building (Completed on October 28, 2011)		•Removal of building debris on upper floors of the reactor building	<ul style="list-style-type: none"> <li>•Removal of building debris on upper floors of the reactor building (complete on Jul.11)</li> <li>•Pull-out of unused nuclear fuel rods from the SFP on Jul.18 through 19</li> <li>•Installation work of covering structures for reactor building</li> </ul>

\*1 Temperatures shown in the top boxes indicate temperature of RPV's bottom and that of PCV , respectively at each unit.

\*2 Desalination system for SFP water.

\*3 As the temperature of the RPV's bottom of Unit 2 cannot be measured, we measure a temperature of the upper head part on the Unit 2 RPV bottom.



- ✓ On December 21, 2011, TEPCO released "Mid-to-long Term Roadmap" for Fukushima Nuclear Power Station, following an accomplishment of STEP 2 shown on the "Roadmap towards Restoration from the Accident at Fukushima Daiichi Nuclear Power Station." Based on the new roadmap, we will manage each of tasks to maintain the units' stabilization and decommission them in safe.
- ✓ On July 30, 2012, TEPCO, jointly with the national government, updated the roadmap reflecting "Implementation Plan concerning Measures for Reliability Improvement at Fukushima Daiichi Nuclear Power Station" and the past results and achievements.
- ✓ While many tasks required in the new roadmap contain technical difficulties since we are and will be facing various inexperienced or unknown situations, we are strongly committed to completing all of the decommissioning works for the station's Units 1 through 4 in next 30 to 40 years with developing new technical approaches to counter the difficulties in collaboration with domestic and international institutions.

## 1. Story behind the Mid-to-long term Roadmap formation

- Per an order issued on November 9, 2011 by Mr. Edano, the Minister of Economy, Trade and Industry and Mr. Hosono, the Minister for the Restoration from and Prevention of Nuclear Accident, this roadmap was drafted by TEPCO, ANRE and NISA and on December 21, 2011, finalized at the Government and TEPCOs Mid-to-Long Term Countermeasure Meeting.
- On July 30, 2012, TEPCO, jointly with the national government, updated the roadmap with the two national ministers' approval on it, reflecting "Implementation Plan concerning Measures for Reliability Improvement at Fukushima Daiichi Nuclear Power Station" and the past results and achievements.

<Basic Policy towards Addressing the Mid-to-long Term Issues>

[Policy 1] Systematically tackle the mid-to-long term tasks for decommissioning while placing top priority on the safety of local citizens and workers.

[Policy 2] Move forward while maintaining transparent communications on the issues with local and national citizens to gain their understanding.

[Policy 3] Continually update this roadmap in consideration of the on-site situation and the latest R&D results etc.

[Policy 4] Harmonize the individual efforts of TEPCO, ANRE, and NISA to achieve our goal appeared on the roadmap.



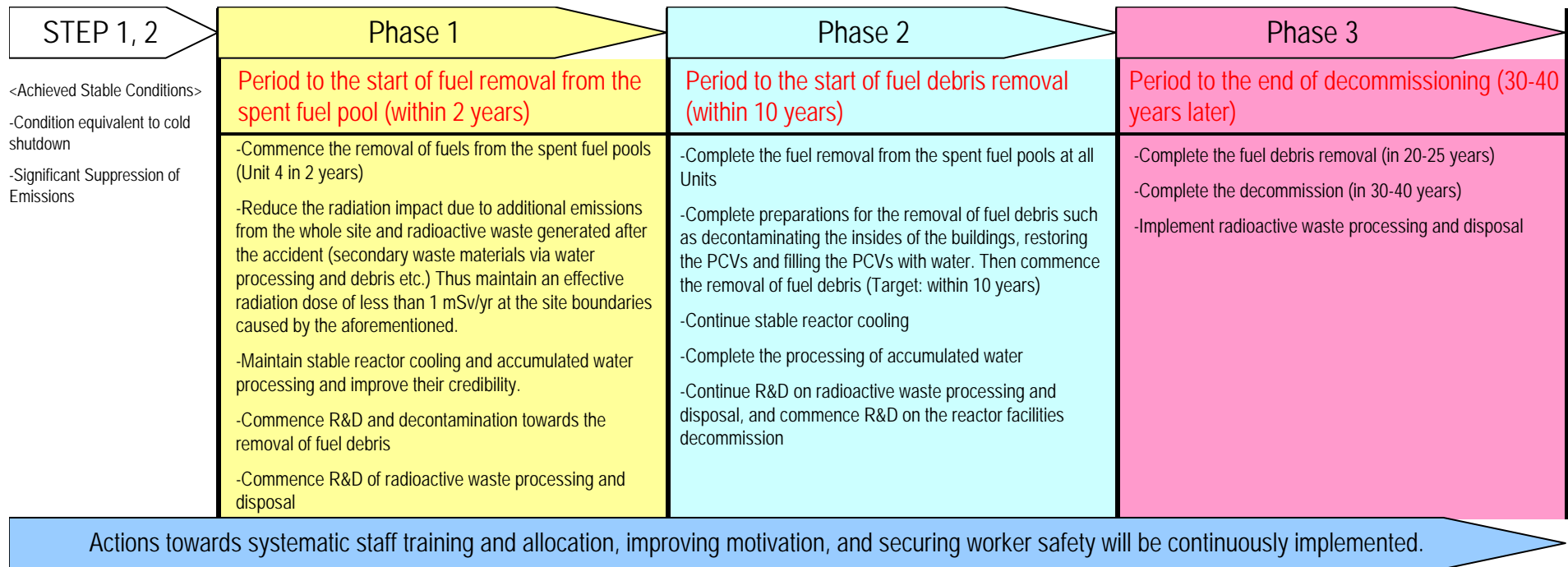
## 2. Mid-to-long Term Roadmap

### (1) Primary Targets

- This roadmap divides the term of decommissioning into the following three phases and will detail the main onsite work and R&D schedule to be implemented as effectively as possible hereafter.

### (2) Target Timeline and Judgment Points

- Established all possible targets with timelines in the present 3 year-schedule, which are updated and released on a yearly basis
- Regarding the schedule of fourth year or later, set approximate time lines and major events on the roadmap





# 【Reference】 Mid-to-long Term Roadmap towards the Decommissioning of Fukushima Daiichi Nuclear Power Station Units 1 through 4 (3)

## 3. Major Judgment Points on the Roadmap

- On this roadmap, we have set several judgment points up in order to consider necessity of additional R&D, or re-scheduling the process before proceeding according to the original schedule.

**HP = Judgment Point**

Primary Targets	Phase 2								Phase 3			
	Period to the start of fuel debris removal								Period to the end of decommissioning			
	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022-			
								Within 10 years	After 20-25 years	After 30-40 years		
Plan for Maintaining Plant in an Ongoing Stable State		✓ Completion of stopping inter-building water leakage between reactor and turbine buildings and repairing lower part of the PCV		HP								
Plan for Fuel Removal from Spent Fuel Pool							HP	✓ Determination of methods for reprocessing and storing spent fuel				
Plan for Fuel Debris Removal			HP		HP							
		✓ Determination of methods for repairing lower parts of the PCV and for stopping water leakage			✓ Determination of methods for repairing upper parts of the PCV							
			HP	HP	HP	HP	HP	HP	<ul style="list-style-type: none"> <li>✓ Determination of methods for fuel debris removal</li> <li>✓ Completion of preparation for fuel debris containers, etc</li> </ul>			
Plan for Disassembly of Reactor Facilities and Processing and Disposal of Radioactive Waste										HP		
										HP	<ul style="list-style-type: none"> <li>✓ Determination of processing/disposal methods of fuel debris</li> </ul>	
										HP	<ul style="list-style-type: none"> <li>✓ Formulation of outlook for disposal of waste produced by assembly</li> <li>✓ Completion of necessary R&amp;D</li> </ul>	
				HP				<ul style="list-style-type: none"> <li>✓ Determination of methods for disassembly and decontamination</li> <li>✓ Formulation of standards for disposal of waste products from assembly</li> </ul>	HP	HP	<ul style="list-style-type: none"> <li>✓ Determination of specification and methods of waste blocks production</li> </ul>	
								<ul style="list-style-type: none"> <li>✓ Verification of safety of waste processing/disposal</li> </ul>	HP	HP	<ul style="list-style-type: none"> <li>✓ Determination of specification and methods of waste blocks production</li> </ul>	
								<ul style="list-style-type: none"> <li>✓ Verification of applicability of existing concept of disposal to characteristics of radioactive waste</li> </ul>			HP	<ul style="list-style-type: none"> <li>✓ Installation of equipment for blocks waste production and waste disposal prospects</li> </ul>



- ✓ To facilitate prompt and fair compensation for nuclear damages, TEPCO continues to set and announce our own detailed compensation guidelines and procedures to individuals and business entities based on Government's "Interim Guideline" released in August 2011, "Supplemental Interim Guideline" released in December 2011 and "the second Supplemental Interim Guideline" released in March 2012, which comprehensively clarifies certain types and ranges of damages to be compensated.
- ✓ Cumulative amount of compensations (including both permanent and temporary) already paid out totals approximately 1,333.5 billion yen as of October 26, 2012.

<Types of damages covered by the guidelines>  
(As of October 30, 2012)

	Types of Damages
Individual	<ul style="list-style-type: none"> <li>➢ Expenses for radiation inspection</li> <li>➢ Expenses for evacuation</li> <li>➢ Expenses for temporary and permanent return</li> <li>➢ Physical damages and/or mental blow of evacuees</li> <li>➢ Opportunity losses on salary of workers</li> <li>➢ Losses or damages on tangible assets</li> <li>➢ Damages caused by voluntary evacuations, etc.</li> </ul>
Business Entities	<ul style="list-style-type: none"> <li>➢ Opportunity losses on businesses</li> <li>➢ Expenses for radiation inspection of commodity</li> <li>➢ Damages due to groundless rumor</li> <li>➢ Indirect business damages</li> <li>➢ Losses or damages on tangible assets, etc.</li> </ul>

<Progress in Permanent Compensation Payout>  
(As of October 26, 2012)

	Individual	Individual (for voluntary evacuation)	Business Entities
Cumulative Number of Applications for Permanent Compensation	187,000	615,000	91,000
Payout as Permanent Compensation (billion yen)	265.4	262.0	657.9

<Cumulative Payout for Nuclear Damage Compensation>  
(As of October 26, 2012)

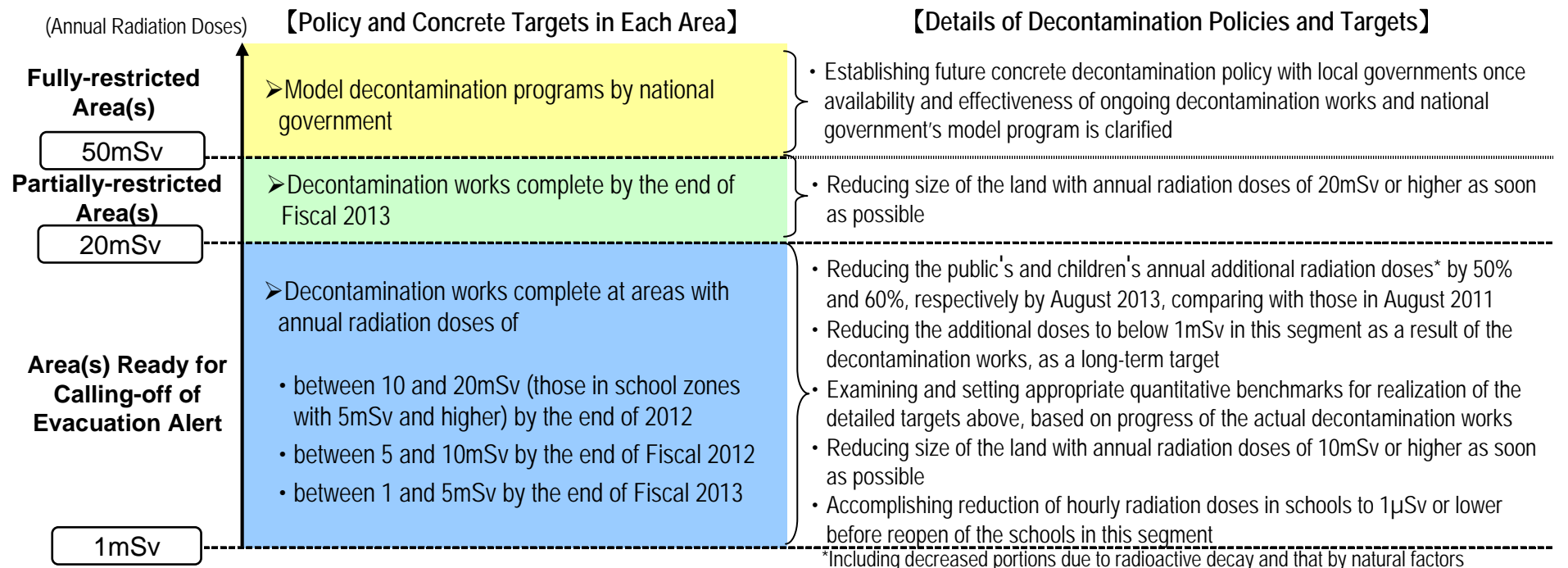
Payout as Permanent Compensation [1]	1,185.3 billion yen
Payout as Temporary Compensation [2]	148.2 billion yen
Payout in Total	1,333.5 billion yen



- ✓ "Act on Special Measures for Coping with Radioactive Pollution" was approved last August and fully came into force on January 1, 2012. Government budgets several hundreds of billion yen every year for funding decontamination works.
- ✓ Based on the enforcement of the act, the Ministry of the Environment of Japan announced "Decontamination Policy in the designated areas\* for decontamination" or "Decontamination Roadmap" on January 26, 2012, which represents national government's basic approach to decontamination works.  
\*Evacuation areas and planned evacuation areas were set in March and April 2011.
- ✓ As a party concerned in a series of Accidents at Fukushima Nuclear Power Stations, TEPCO is committed to engaging in the decontamination works with utmost efforts in collaboration with national and local governments.

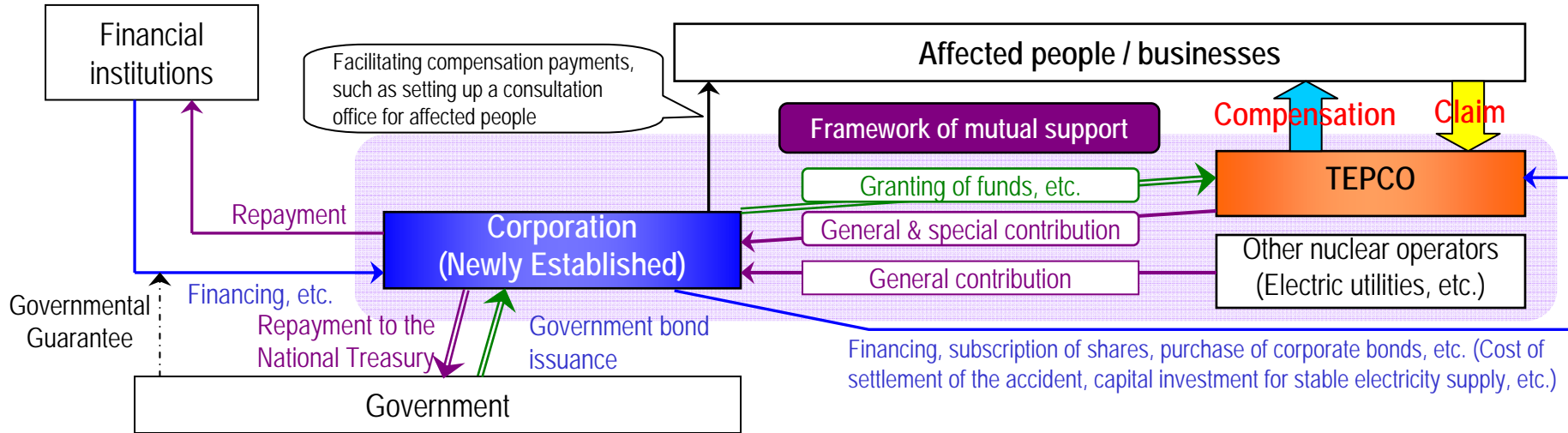
## <Key Points of the Decontamination Roadmap>

- Implementation plan of decontamination works in the decontamination designated areas\*<sup>1</sup> are to be prepared and do in action.\*<sup>2</sup>  
\*<sup>1</sup> As of October 30, already planned for Tamura city, Naraha town, Kawauchi village, Minamisoma city, Iitate village, Kawamata town and Katsurao village.  
\*<sup>2</sup> As of October 30, already started decontamination works in Tamura city, Naraha town, Kawauchi village and Iitate village.
- Decontamination works will proceed in line with revisions of evacuation areas and restoration and revitalization programs for the regions
- Setting up temporary storage facilities of removed soil and ensuring workers' safety are regarded especially as important issues

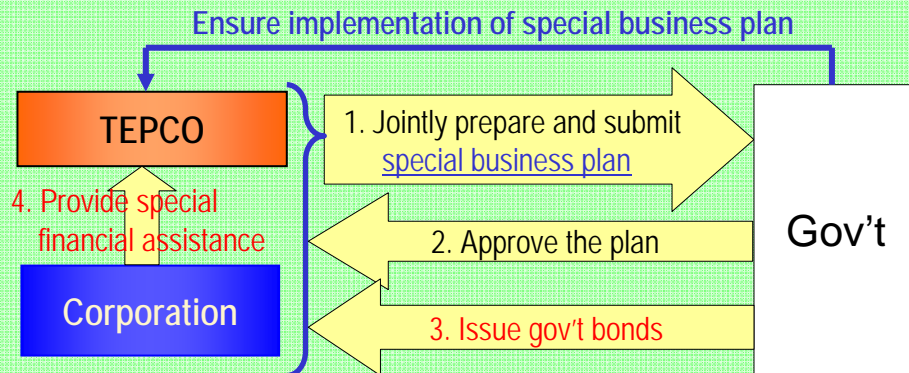


\*Including decreased portions due to radioactive decay and that by natural factors

- ✓ After a "bill concerning Nuclear Damage Compensation Facilitation Corporation" passed the Diet, the Corporation was officially established last September.
- ✓ To get a financial assistance of the Corporation, the nuclear operator is required to prepare the "special business plan" jointly with the Corporation and acquire an authorization by ministers in charge.



### <Special financial assistance scheme>



Note: When preparing a special business plan, the Corporation shall strictly evaluate TEPCCO's assets, thoroughly review its business operations, and check that its request for cooperation of parties concerned is appropriate and sufficient.

### <Elements of special business plan>

1. State of nuclear damage
2. Estimated compensation amount and compensation procedure
3. Documents on mid-term income and expenditure plan
4. Measures for rationalization of management
5. Measures to request cooperation of parties concerned
6. Evaluation of assets and income/expenditure conditions
7. Measures to clarify management responsibility
8. Content and amount of financial assistance





- ✓ The bill was approved by the Diet in August 2011.

## Key Points of the Law

### [Clarification of Government's Responsibility; Article 2]

- Government is required to take every possible step to help the new organization achieve targets stated in Article 1, in the light of social responsibility of the Government which has promoted nuclear power generation for a long time.

### [Authorization of the Special Business Plan; Article 45]

- In need of government bond issuance for funding..., the Corporation must resolve the funding application at its administration committee and then prepare and submit a special business plan jointly with the nuclear operator to government's ministers in charge, asking for their authorization of the plan.
- Prior to drawing up the special business plan..., the Corporation must confirm whether the nuclear operator has requested appropriate and enough cooperation\* of its stakeholders.

\* The nuclear operator must request necessary cooperation of its shareholders and the other stakeholders. (Supplemental Clause 3-2)

### [Direct Cash Supply to Organization; Article 51]

- Government can directly supply cash to the organization as much as a shortage in the funds primarily covered by "Government Compensation Bonds" within budgetary restrictions. The direct cash supply can be implemented only if the amount collected through the special bond issuance cannot meet with the nuclear operator's cash demand.

### [To Be Considered; Supplementary Clause 6-1]

- Government is to take necessary steps including the even drastic revision of existing the "Nuclear Damage Compensation Law " at the earliest convenience\* after the enforcement.
- Government is to take necessary steps to realize more desirable scheme regarding nuclear damage compensations in an early stage\* after the enforcement. Discussions include allotments of compensations among Government, a troubled nuclear operator and the other nuclear operators, and responsibility to be taken by each of stakeholders of the troubled nuclear operator. (Supplemental Clause 6-2; newly added)

\* The supplementary resolution clarified "at earliest convenience" and "in an early stage" as "within a year" and "within a couple of years," respectively.



【Reference】

# The Current Status of Kashiwazaki-Kariwa Nuclear Power Station and Future Initiatives



# Efforts after the Niigataken Chuetsu-oki Earthquake in 2007

## Overview of Status of Initiatives

Item		Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7
Buildings and Structures	Submission of inspection and evaluation plan (Initial submission date)	Submitted (Jul. 18, 2008)	Submitted (Sep. 18, 2008)	Submitted (Jul. 18, 2008)	Submitted (Sep. 18, 2008)	Submitted (Sep. 18, 2008)	Submitted (May 20, 2008)	Submitted (Feb. 25, 2008)
	Inspection & Evaluation	Report submitted (Dec.22, 2009)	In progress	Report submitted (Jan.7, 2011)	In progress	Report submitted (May 21, 2010)	Report submitted (Dec.25, 2008)	Report submitted (Sep.1, 2008)
Facilities	Submission of inspection and evaluation plan (Initial submission date)	Submitted (Feb. 6, 2008)	Submitted (May 16, 2008)	Submitted (Apr. 14, 2008)	Submitted (May 16, 2008)	Submitted (Apr. 14, 2008)*1	Submitted (Mar. 7, 2008)	Submitted (Nov. 27, 2007)
	Inspection and evaluation of each piece of equipment	Report submitted (Feb. 19, 2010)	In progress	In progress	In progress	Report submitted (Jun.9, 2010)	Report submitted (Jan. 28, 2009)*2 (Jun. 23, 2009)	Report submitted (Sep. 19, 2008)*2 (Feb. 12, 2009)
	Inspection and evaluation of each system	Report submitted (Feb. 19, 2010)		In progress		Report submitted (Jun.9, 2010)	Report submitted (Jun. 23, 2009)	Report submitted (Feb. 12, 2009)
	Inspection and evaluation of the plant as a whole	Report submitted (Jul.7, 2010)				Report submitted (Jan.24, 2011)	Report submitted (Oct. 1, 2009)	Report submitted (Jun. 23, 2009)
Confirmation of the Earthquake-resistance and Safety initiatives		Report submitted (Mar. 24, 2010)	In progress	In progress	In progress	Report submitted (Jun.9, 2010)	Report submitted (May 19, 2009)	Report submitted (Dec. 3, 2008)
Work to strengthen earthquake resistance		Completed (Jan. to Dec.2009)	In progress since Jun. 2009	Completed (Nov. 2008 to Jan. 2011)	Completed (May 2009 to Sep. 2012)	Completed (Jan. 2009 to Jan. 2010)	Completed (Jul. 2008 to Jan.2009)	Completed (Jun. to Nov. 2008)
Current Status		Periodic Inspection*3	Periodic Inspection	Periodic Inspection	Periodic Inspection	Periodic Inspection*3	Periodic Inspection*3	Periodic Inspection*3

Notes:

\*1 A plan for equipment shared with other units was submitted on March 7,2008, and a revised plan covering equipment other than that shared with other units was submitted on April 14, 2008.

\*2 Reports that have been submitted to date exclude the following inspections that were not possible.

- Operation, leakage and other checks with fuel actually loaded in the reactors
- Operation, leakage and other checks that cannot be executed until main turbines have been restored

\*3 Unit s 1, 5, 6 and 7 stopped their commercial operations on August 6 ,2011, January 25, 2012, March 26, 2012 and August 23, 2011, respectively for the periodic inspections.



## ◆ Status of Progress in Basic Inspections (Equipment-Level Inspection and Evaluation)

- Confirm the impact of an earthquake through testing, inspection and other means according to the particular features of each facility.

As of Oct. 9, 2012

		Equipment inspections completed/Equipment scheduled for inspection [equipment scheduled for inspection is estimated] (Percentage completed [%])						
		Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7
Basic Equipment Inspections	Visual inspection	2,001/2,001 (Completed)	1,590/1,590 (100%)	1,580/1,580 (100%)	1,680/1,680 (100%)	1,963/1,963 (Completed)	1,538/1,538 (Completed)	1,362/1,362 (Completed)
	Operation testing Function testing	1,461/1,461 (Completed)	980/1,170 (84%)	1,160/1,160 (100%)	1,130/1,300 (87%)	1,498/1,498 (Completed)	1,144/1,144 (Completed)	1,001/1,001 (Completed)
	Leakage testing	1,014/1,014 (Completed)	440/730 (60%)	690/700 (99%)	350/650 (54%)	841/841 (Completed)	719/719 (Completed)	616/616 (Completed)

- TEPCO is executing the basic inspections above in accordance with the inspection and evaluation plan submitted to the national authority.
- Previously, TEPCO has already confirmed no major defect in all of the units as a result of visual inspection for the inside of reactors and other essential equipment.

Visual inspection: visual confirmation of damage  
 Operation testing: includes confirmation of damage to pump performance related to flow rate, vibration and temperature  
 Function testing: includes confirmation of the electrical properties and operation of meters and gauges  
 Leakage testing: includes checking for leakage by putting prescribed pressure in piping and valves



- ◆ TEPCO is conducting works as needed to reinforce earthquake-resistant capabilities of key facilities.
- ◆ All works that we planned after the earthquake of 2007 were completed on September 11, 2012.

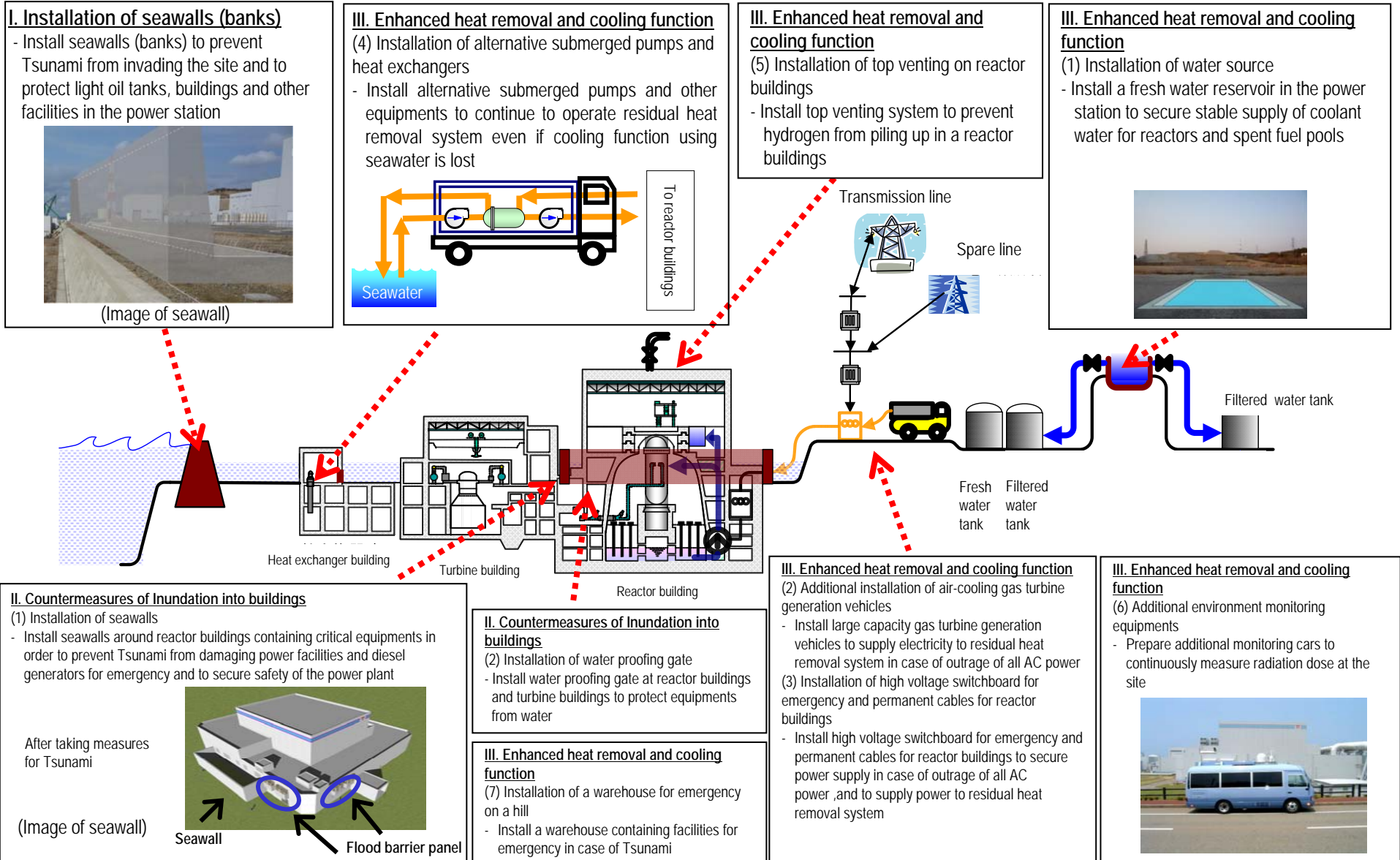
		Year 2011												Year 2012								
		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.
Unit 2 (Completed)	Supports for piping and related equipment																					
	Reactor building roof trusses	(From Jun. to Aug. 2009)																				
	Exhaust stack (shared with Unit 1)	(From Jul. to Dec. 2009)																				
	Reactor building ceiling crane																					
	Fuel handling machine																					
Unit 3 (Completed)	Supports for piping and related equipment																					
	Reactor building roof trusses	(From Nov. 2008 to Jul. 2009)																				
	Exhaust stack	(From Jul. 2009 to Jun. 2010)																				
	Reactor building ceiling crane	(From Dec. 2009 to Aug. 2010)																				
	Fuel handling machine	(From Nov. 2009 to Sep. 2010)																				
Unit 4 (Completed)	Supports for piping and related equipment																					
	Reactor building roof trusses	(From May to Sep. 2009)																				
	Exhaust stack	(From Jul. 2009 to Jun. 2010)																				
	Reactor building ceiling crane	(From Oct. 2009 to Dec. 2010)																				
	Fuel handling machine																					
Unit 1	Supports for piping and related equipment	Unit 1 : Jul. 09 – Dec. 09, Unit 5 : Apr. 09 – Dec. 09, Unit 6 : Jul. 08 – Jan. 09, Unit 7 : Jun. 08 – Nov. 08																				
Unit 5	Reactor building roof trusses	Unit 1 : Jan. 09 – Jul. 09, Unit 5 : Jan. 09 – May 09, Unit 6 : Sep. 08 – Oct. 08, Unit 7 : Jul. 08 – Sep. 08																				
Unit 6	Exhaust stack	Unit 1 : Jul. 09 – Dec. 09, Unit 5 : Jun. 09 – Jan. 10, Unit 6 : Sep. 08 – Oct. 08, Unit 7 : Sep. 08 – Oct. 08																				
Unit 7	Reactor building ceiling crane	Unit 1 : Jun. 09 – Oct. 09, Unit 5 : May 09 – Aug. 09, Unit 6 : Oct. 08 – Jan. 09, Unit 7 : Sep. 08 – Oct. 08																				
(Completed)	Fuel handling machine	Unit 1 : Jan. 09 – Oct. 09, Unit 5 : Apr. 09 – Sep. 09, Unit 6 : Aug. 08 – Jan. 09, Unit 7 : Aug. 08 – Nov. 08																				
	Emergency intake channel (Unit 1 only)	Unit 1 : Feb. 09 – Dec. 09																				

Note: TEPCO takes appropriate measures if we need to reflect results of earthquake-resistance and safety evaluations to reinforcement works.

:Works completed



◆ We promote the following measures to secure further safety after the Great East Japan Earthquake.





As of October 24, 2012

Item	Schedule	Unit1	Unit2	Unit3	Unit4	Unit5	Unit6	Unit7
I. Installation of seawalls (banks)	To be completed in 1Q of FY2013	Under construction				Completed (In constructing surrounding environment)		
II. Countermeasures of inundation into buildings								
(1) Installation of seawalls (flood barrier panel included)	To be completed in 2H of FY2012	Completed	Under construction	Under construction	Under construction	All dosed under 15 meters above sea level		
(2) Installation of watertight doors	To be completed in 2H of FY2012	Completed	In designing	In designing	In designing	Completed	Completed	Completed
(3) Countermeasures of inundation into heat exchanger buildings	To be completed in Mar. 2013	Under construction	Under construction	Under construction	Under construction	Completed	—	
(4) Installation of seawalls for gas insulation system	To be completed in Feb. 2013	Under construction						
(5) Reliability improvement of inundation countermeasures	To be completed in May 2013	Under construction	Under consideration	Under consideration	Under consideration	Under construction	—	
III. Enhanced heat removal and cooling function								
(1) Installation of water source	To be completed in Dec. 2012	Under construction						
(2) Additional installation of air-cooling gas turbine generation vehicles	Completed in Mar. 2012	Prepared						
(3)-1 Installation of high voltage switchboard for emergency	Completed in Nov. 2011	Completed						
(3)-2 Installation of permanent cables for reactor buildings	Completed in Apr. 2012	Completed	Completed	Completed	Completed	Completed	Completed	Completed
(4) Installation of alternative submerged pumps and heat exchangers	To be completed in 2H of FY2012	Prepared	To be installed during a periodic inspection	To be installed during a periodic inspection	To be installed during a periodic inspection	Prepared	Prepared	Prepared
(5) Installation of top venting on reactor buildings	To be completed in Dec. 2012	Completed	Under construction	Under construction	Under construction	Completed	Completed	Completed
(6) Additional environment monitoring equipments - Increasing the number of monitoring cars	Completed in Oct. 2011	Prepared						
(7) Installation of a warehouse for emergency on a hill	To be completed in 1Q of FY2013	In designing						
(8) Improvement of earthquake resistance of fresh water tanks on the Ominato side	To be completed in 1Q of FY2013	—				Under construction		
(9) Preparation of concrete pumping trucks	1 truck in FY2012 2 trucks in 1Q of FY2013	In preparation						
(10) Construction of access roads	To be completed in Mar. 2013	In designing	Under consideration	Under consideration	Under consideration	Under consideration	Under consideration	In designing
(11) Environmental improvement of a key building for disaster	To be completed in May 2013	In designing						

: In designing/Under consideration
  : Under construction/In preparation
  : Completed/Prepared