The English version is a translation of the original Japanese version. Please note that if there is any discrepancy, the Japanese version will take priority.

# Summary of FY2014 First Quarter Earnings Results



Electric Power Development Co., Ltd.

July 31, 2014

### Forward Looking Statements



The following contains statements that constitute forward-looking statements, plans for the future, management targets, etc. relating to the Company and/or the J-POWER group. These are based on current assumptions of future events, and there exist possibilities that such assumptions are objectively incorrect and actual results may differ from those in the statements as a result of various factors.

Furthermore, information and data other than those concerning the Company and its subsidiaries/affiliates are quoted from public information, and the Company has not verified and will not warrant its accuracy or dependency.

### ★Display of Figures

- ✓ All figures are consolidated unless stated otherwise.
- ✓ Amounts less than 100 million yen and electric power sales volume less than 100 million kWh shown in the consolidated financial data have been rounded down. Consequently, the sum of the individual amounts may not necessarily agree with figures shown in total columns.

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I. Summary of FY2014 First Quarter Earnings Results

### Summary of FY2014 First Quarter Earnings Results



(Unit: billion yen)

Consolidated	FY2013 1st Quarter (AprJun.)	FY2014 1st Quarter (AprJun.)	Year-on-ye	ar change
Operating Revenue	161.8	159.7	(2.0)	(1.3) %
Operating Income	22.2	17.5	(4.7)	(21.4) %
Ordinary Income	20.8	17.2	(3.6)	(17.6) %
Net Income	16.3	12.4	(3.9)	(24.0) %

Non-consolidated	FY2013 1st Quarter (AprJun.)	FY2014 1st Quarter (AprJun.)	Year-on-ye	ear change
Operating Revenue	140.9	126.8	(14.0)	(10.0) %
Operating Income	21.2	13.9	(7.2)	(34.4) %
Ordinary Income	20.7	13.8	(6.8)	(33.0) %
Net Income	15.2	10.6	(4.6)	(30.3) %

### Key Data (Electric Power Sales)

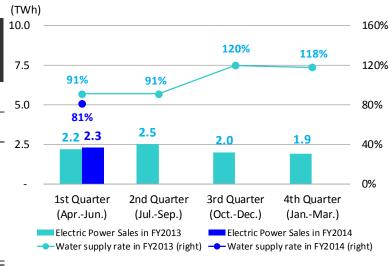


	FY2013 1st Quarter (AprJun.)	FY2014 1st Quarter (AprJun.)	Year-on-year change
Electric Power Sales (TWh)			
Electric Power Business	13.7	13.3	(0.4) (3.1)%
Hydroelectric (Wholesale Electric Power)	2.2	2.3	0.0 2.6%
Thermal (Wholesale Electric Power)	11.0	10.4	(0.5) (5.2)%
Other Electric Power Business	0.4	0.5	0.0 20.1%
Overseas Business*	0.3	1.2	0.8 243.1%
Water supply rate (Wholesale Electric Power)	91%	81%	(10)points
Load factor (Wholesale Electric Power)	64%	61%	(3)points

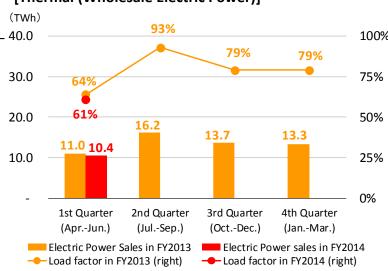
<sup>\*</sup> Electric power sales volume of overseas consolidated subsidiaries (Electric power sales volume of equity method affiliated companies is not included.)

### **Electric Power Sales for each Quarter**

### [Hydroelectric (Wholesale Electric Power)]



### [Thermal (Wholesale Electric Power)]



### Key Data (Operating Revenues)



	FY2013 1st Quarter (AprJun.)	FY2014 1st Quarter (AprJun.)	Year-on-year change
Operating Revenue (Billion yen)	161.8	159.7	(2.0) (1.3)%
Electric Power Business	146.5	133.6	(12.9) (8.8)%
Hydroelectric (Wholesale Electric Power)	27.4	27.4	0.0 0.3%
Thermal (Wholesale Electric Power)	98.5	83.9	(14.5) (14.8)%
Other Electric Power Business	7.4	9.5	2.0 28.1%
Overseas Business*1	4.1	14.5	10.3 250.4%
Other Business*2	11.0	11.5	0.5 4.6%
Average foreign exchange rate (Yen/US\$)	98.78	102.17	
Foreign exchange rate as of March 31 (Yen/THB)	3.20	3.17	
Foreign exchange rate as of March 31 (THB/US\$)	29.31	32.44	

<sup>\*1</sup> Sales for the overseas business segment (Sales from overseas consolidated subsidiaries and overseas consulting business, etc.)

<sup>\*2 &</sup>quot;Other Businesses" is composed of "Electric Power-Related Business" segment and "Other Businesses" segment.

### FY2014 First Quarter Earnings Results (Main Factors for Change)



### **Consolidated operating income (- 4.7 billion yen)**

### **□** Non-consolidated operating income (- 7.2 billion yen)

- Elimination of the provisional price impact of thermal power fuel costs in the previous fiscal year and others
- Increase in facilities maintenance costs (increase in thermal power)
- ▶ Impact of accident at the Matsuura Thermal Power Plant\*
- Decrease in personnel expenses (amortization expenses of actuarial differences in pension accounting)
- Decrease in other expenses
- ☐ Income of subsidiaries, etc. (+ 2.5 billion yen)

### Consolidated ordinary income (- 3.6 billion yen)

- Decrease in equity income of affiliates (- 1.3 billion yen)
- Increase in other non-operating items

### Consolidated net income (- 3.9 billion yen)

- Elimination of the extraordinary income (insurance income) in the previous fiscal year (- 2.5 billion yen)
- Decrease in corporate tax, etc.

### Revenue / Expenditure Comparison



(Unit: billion yen)

				(Onit: billion yen)
	FY2013 1st Quarter (AprJun.)	FY2014 1st Quarter (AprJun.)	Year-on-year change	Main factors for change
Operating Revenue	161.8	159.7	(2.0)	
Electric power business	146.5	133.6	(12.9)	Non-consolidated (14.9), Subsidiaries and others +1.9
Overseas business	4.1	14.5	10.3	Commencement of commercial operation of SPP projects in Thailand
Other business	11.0	11.5	0.5	
Operating Expenses	139.5	142.2	2.6	
Operating Income	22.2	17.5	(4.7)	Non-consolidated (7.2), Subsidiaries and others +2.5
Non-operating Revenue	6.2	6.1	(0.0)	
Equity income of affiliates	4.7	3.3	(1.3)	
Other	1.5	2.8	1.2	Foreign exchange profit and others
Non-operating Expenses	7.6	6.4	(1.1)	
Interest expenses	5.8	6.0	0.2	
Other	1.8	0.4	(1.4)	Elimination of foreign exchange loss
Ordinary Income	20.8	17.2	(3.6)	
Extraordinary income	2.5	-	(2.5)	Elimination of Insurance income
Net Income	16.3	12.4	(3.9)	

### **Balance Sheet**



(Unit: billion yen)

				(Unit: billion yer
	FY2013 End of FY	FY2014 End of 1Q	Change from prior year end	Main factors for change
Noncurrent Assets	2,149.5	2,157.6	8.0	
Electric utility plant and equipment	1,023.7	1,016.4	(7.3)	Non-consolidated (6.9)
Overseas business facilities	125.0	122.8	(2.2)	
Other noncurrent assets	109.7	111.2	1.4	
Construction in progress	512.6	526.7	14.1	Non-consolidated +2.2, Subsidiaries and others +11.8
Nuclear fuel	69.2	70.4	1.2	
Investments and other assets	309.2	309.9	0.7	
Current Assets	235.6	254.2	18.6	
Total Assets	2,385.2	2,411.8	26.6	
Interest-bearing debt	1,649.9	1,681.6	31.6	Non-consolidated +26.9, Subsidiaries +4.7 [ Corporate bonds +20.0, Long-term loans +7.7 ]
Others	215.7	206.0	(9.6)	
Total Liabilities	1,865.7	1,887.7	22.0	
Shareholders' equity	478.8	484.5	5.6	Increase in retained earnings
Accumulated other comprehensive income	37.3	35.7	(1.5)	
Minority interests	3.2	3.7	0.4	
Total Net Assets	519.4	524.0	4.6	
D/E ratio (x)	3.2	3.2		
Shareholders' equity ratio	21.6%	21.6%		



II. Summary of FY2014 Earnings Forecast

### Summary of FY2014 Earnings Forecast



The FY2014 Earnings Forecast was revised on May 29 in light of the plan for restoration from the accident on March 28, 2014 at the No.2 Unit of the Matsuura Thermal Power Plant, where the low pressure turbine rotor fell.

(Unit: billion yen)

Consolidated	FY2013 Result	FY2014 Forecast* <sup>1</sup>	Comparison with FY2013 Result		FY2014 Initial Forecast*²	Comparison with Initial Forecast
Operating Revenue	706.8	732.0	25.1	3.6%	754.0	(22.0)
Operating Income	59.1	57.0	(2.1)	(3.7)%	69.0	(12.0)
Ordinary Income	40.0	45.0	4.9	12.3%	57.0	(12.0)
Net Income	28.6	33.0	4.3	15.0%	41.0	(8.0)
			Comparison with FY2013 Result		FY2014	Comparison
Non-consolidated	FY2013 Result	FY2014 Forecast* <sup>1</sup>			Initial Forecast*²	with Initial Forecast
Non-consolidated Operating Revenue					Initial	with Initial
	Result	Forecast*1	FY2013	Result	Initial Forecast*²	with Initial Forecast
Operating Revenue	Result 582.8	Forecast*1 554.0	FY2013 (28.8)	(5.0)%	Initial Forecast* <sup>2</sup> 578.0	with Initial Forecast (24.0)

Cash dividends per share in FY2014 (Forecast) Year end

35 yen

Interim 35 yen

Annual

70 yen

<sup>\*1</sup> FY2014 forecast was released on May 29, 2014.

<sup>\*2</sup> Initial forecast was released on April 30, 2014.

### Key Data



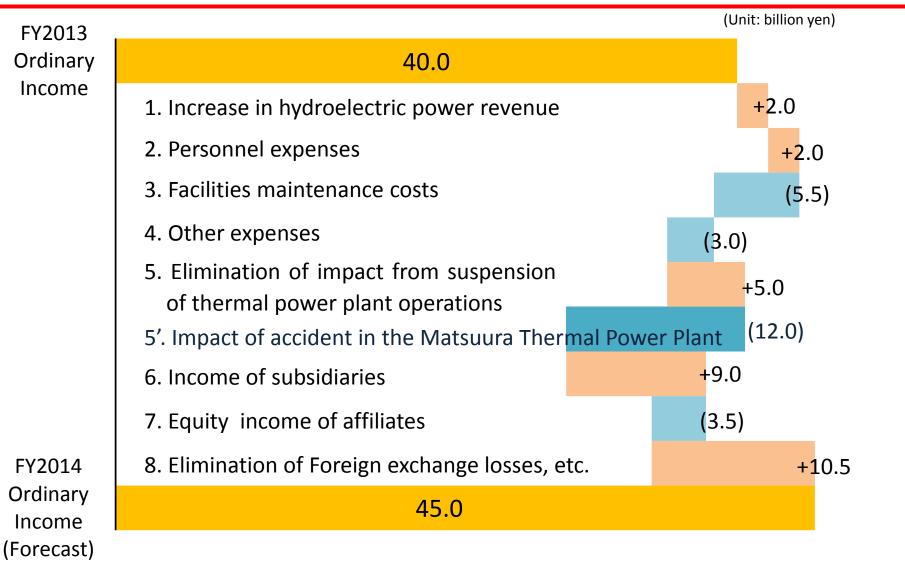
	FY2013 Result (AprMar.)	FY2014 Forecast** (AprMar.)	Comparis FY2013		FY2014 Initial Forecast* <sup>5</sup>	Comparison with Initial Forecast
Electric Power Sales (TWh)						
Electric Power Business	65.4	62.3	(3.0)	(4.6)%	66.0	(3.6)
Hydroelectric (Wholesale Electric Power)	8.7	9.1	0.4	5.0%	9.1	0.0
Thermal (Wholesale Electric Power)	54.3	50.6	(3.6)	(6.8)%	54.3	(3.7)
Other Electric Power Business	2.3	2.5	0.2	9.1%	2.5	0.0
Overseas Business*1	3.6	9.3	5.6	154.5%	9.3	0.0
Operating Revenue (Billion yen)	706.8	732.0	25.1	3.6%	754.0	(22.0)
Electric Power Business	609.0	583.0	(26.0)	(4.3)%	605.0	(22.0)
Hydroelectric (Wholesale Electric Power)	104.7	107.0	2.2	2.1%	107.0	0.0
Thermal (Wholesale Electric Power)	411.8	385.0	(26.8)	(6.5)%	409.0	(24.0)
Other Electric Power Business	37.8	41.0	3.1	8.2%	39.0	2.0
Overseas Business*2	42.8	96.0	53.1	124.1%	96.0	0.0
Other Business*3	54.9	53.0	(1.9)	(3.5)%	53.0	0.0

	FY2013 Result	FY2014 Forecast*4	FY2014 Initial Forecast* <sup>5</sup>
Water supply rate	99%	98%	100%
Load factor	79%	73%	79%
Foreign exchange rate as of December 31			
Yen/US\$	105.39	100	100
Yen/THB	3.20	3.1	3.1
THB/US\$	32.81	32.8	32.8
Average foreign exchange rate			
Yen/US\$	100.17	100	100

- \*1 Electric power sales volume of overseas consolidated subsidiaries (Does not include electric power sales volume of affiliated companies accounted for by the equity method)
- \*2 Sales for the overseas business segment (Sales from overseas consolidated subsidiaries and overseas consulting business, etc.)
- \*3 "Other Businesses" is composed of "Electric Power-Related Business" segment and "Other Businesses" segment.
- \*4 FY2014 forecast was released on May 29, 2014.
- \*5 Initial forecast was released on April 30, 2014.

### FY2014 Earnings Forecast (Main Factors for Change)





(Note) The FY2014 Earnings Forecast was revised on May 29 in light of the plan for restoration from the accident on March 28, 2014 at the No.2 Unit of the Matsuura Thermal Power Plant, where the low pressure turbine rotor fell. "5' Impact of the accident in the Matsuura Thermal Power Plant" has been added to the Initial forecast released on April 30, 2014.



### **APPENDIX**

### **APPENDIX Contents**



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### New Coal-fired Power Projects in Japan



Contributing to mid to long term stable power supply while securing base load capacity by replacement and installation of new or additional capacity.

### **Takehara Thermal Power Plant New Unit No.1 (Replacement)**

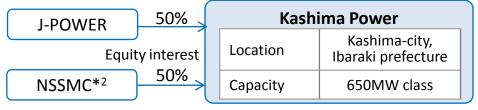
- ✓ Under construction
- ✓ Scheduled to start of operation in Sep 2020

Location	Takehara-city, Hiroshima prefecture				
Units	No.1	No.2*1	No.3		
Start of operation	1967 1974		1983		
Capacity	250MW 350MW		700MW		
Steam condition	Sub-	critical	Supercritical		

	New No.1	No.3
Start of operation	2020	1983
Capacity	600MW	700MW
Steam condition	Ultra-supercritical	Supercritical

### **Kashima Power (New Capacity)**

- ✓ Implementing environmental assessment
- ✓ Scheduled to start of operation in 2020





J-POWER

**NSSMC** 

Paw

Power sales

TEPCO and others

Takasago Thermal Power Plant New Unit No.1 and 2 (Replacement)

- Implementing environmental assessment
- Scheduled to start of operation
- in 2021 (New No.1) and 2027 (New No.2)

Location	Takasago-city, Hyogo prefecture					
Units	No.1 No.2					
Start of operation	1968 1969					
Capacity	250MW	250MW				
Steam condition	Sub-critical					



	New No.1	New No.2				
Start of operation	2021	2027				
Capacity	600MW	600MW				
Steam condition	Ultra-supercritical					

<sup>\*1</sup> Converted from heavy oil-fueled boiler to coal-fired fluidized boiler in 1975

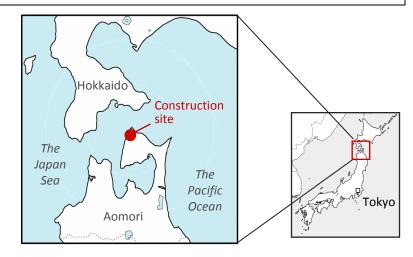
<sup>\*2</sup> Nippon Steel & Sumitomo Metal Corporation

### The Ohma Nuclear Power Project



- In October 2012, we resumed construction of the Ohma Nuclear Power Plant that had been suspended after the Great East Japan Earthquake of March 2011.
- J-POWER is committed to make company-wide efforts to build a safe power plant by steadily implementing safety reinforcement measures based on lessons learned from the accident in the Fukushima Nuclear Power Station and the most up to date knowledge and understandings.

# Capacity Type of nuclear reactor Fuel Enriched uranium and uranium-plutonium mixed oxide (MOX) Commencement of operations Ohma-machi, Shimokita-gun, Aomori Prefecture 1,383MW Advanced Boiling Water Reactor (ABWR) Enriched uranium and uranium and uranium-plutonium mixed oxide (MOX)







### Measures for Reinforcing Safety at the Ohma Nuclear Power Plant



- For Ohma Nuclear Power Plant, safety reinforcement measures will be implemented in an aim to further enhance safety based on lessons learned from the accident in the Fukushima Nuclear Power Station and the most up to date knowledge and understandings.
- We are reviewing active implementation of superior safety technologies and will appropriately incorporate necessary measures towards building a safe power plant.

### Measures for Reinforcing Safety that are being Planned\*1

### **Design Basis**

- ① Facility protection in the case of a tsunami (installation of seawall, waterproofing modification of doors in exterior walls, height extension of oil fences and improvement in the watertightness of important rooms for safety purposes)
- 2 Implementation of impact assessments of tornadoes and other natural phenomena on the nuclear power plant
- ③ Enhanced fire protection measures (use of fire retardant cables, installation of firewalls, and other measures)
- (4) Installation of power panels on upper floor for locational dispersion
- ⑤ Enhanced reliability of passive component that are crucial to safety
- (6) Implementation of impact assessments of internal flooding on the safety system

#### **Severe Accident and Terrorism Countermeasures**

- (7) Deployment of portable power pumps and fire engines for cooling the reactor, containment vessel and spent fuel storage pool
- ® Reinforcement of permanent water injection equipment for cooling the reactor, containment vessel and spent fuel storage pool
- (9) Installation of filtered containment venting system\*2 to prevent overpressurization on the containment vessel
- (11) Installation of hydrogen detection units and hydrogen discharge venting units\*3 to prevent hydrogen explosion at the reactor building
- (1) Deployment of water spraying facilities to spray water on the reactor building and other facilities
- (1) Secure inventory of spares of seawater pump electric motors, etc. and deployment of alternative seawater pumps and other equipment to ensure heat removal functionality for the reactor and containment vessel
- (3) Deployment of power supply vehicles, installation of emergency power generators (fuel tanks and power cables), increased capacity of storage batteries and enhancement of permanent DC power source to secure power supply
- (1) Installation of water storage tanks and reinforcement of water tanks to secure water source
- (15) Installation of the emergency response office to respond as necessary in an emergency
- (b) Reinforcement of communications systems for making contact within and outside of the power plant in the event of an emergency
- ① Installation of materials and equipment warehouse, provision of high-level radiation protection suits and other materials and equipment, and deployment of heavy equipment for debris removal
- (II) Installation of specified severe accident response facility to respond to intentional crash of aircrafts and other such events

Aside from the above measures, we will be reinforcing links and collaboration between businesses operating in Aomori prefecture\* to further ensure disaster prevention. \*Tohoku Electric Power Company, Tokyo Electric Power Company, Japan Nuclear Fuel Limited, Recyclable-Fuel Storage Company and J-POWER

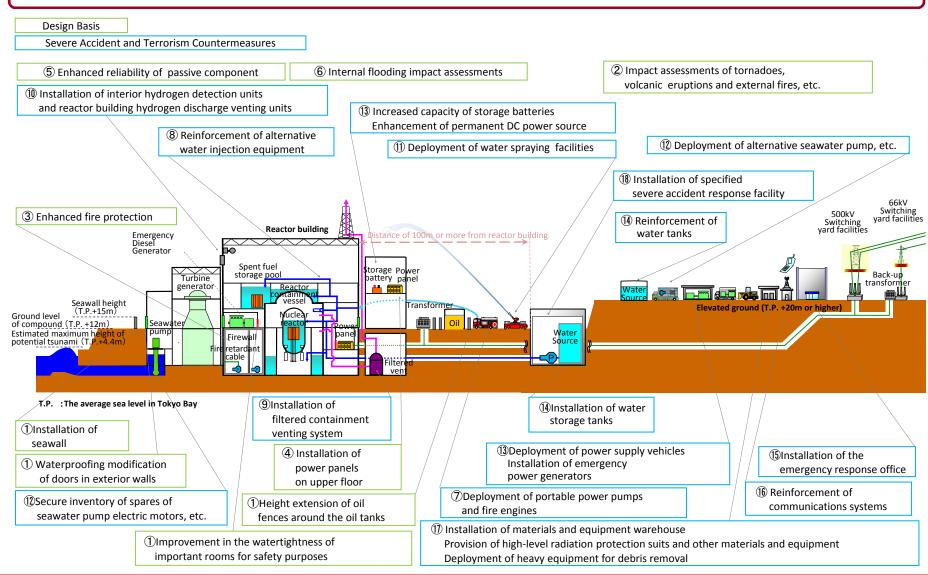
<sup>\*1</sup> Already announced on July 24, 2013

<sup>\*2</sup> Equipment that discharges gases within the containment vessel into the atmosphere while suppressing emissions of radioactive material in order to prevent rupturing of the containment vessel, in the unlikely event of excessive pressure increase occuring within the reactor containment vessel due to a severe accident.

## Measures for Reinforcing Safety at the Ohma Nuclear Power Plant (continued)



### Overview Diagram of Measures for Reinforcing Safety that are being Planned\*



\* Already announced on July 24, 2013

### Earthquake and Tsunami Evaluation at the Ohma Nuclear Power Plant



Since obtaining a permit to install a nuclear reactor in April 2008 based on the earthquake-proof design guidelines revised in September 2006\*1, we are conducting surveys, analysis and other such measures using the most up-to-date technologies and techniques to enhance reliability concerning earthquakes and tsunamis.

### Earthquake

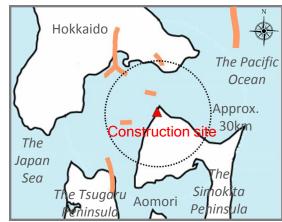
- Researched impacting earthquakes in the past within a 250km radius from the site.
- 30km radius range from the site: Implemented detailed geological surveys centered on the active faults since the late Pleistocene period (after ca. 120 to 130 thousand years ago)
- Based on research results, designed nuclear reactor facilities that considers safety margins against datum design basis earthquake Ss, which is set with consideration to uncertainty.
- **Tsunami**
- Site elevation is 12m above sea level

Estimated maximum height of potential tsunami	+4.4m above sea level*2
Tsunami from the Tohoku Pacific Ocean Earthquake (Ohma Port)	+0.9m above sea level

[After the Great East Japan Earthquake] Implemented further Tsunami countermeasures such as seawalls that is 3m in height, and waterproofing of doors in exterior walls in main buildings

Hokkaido The Pacific

Active faults researched by the company



- \*2 A value based on numerical analysis of a tsunami assumption with the gravest impact to a power plant (with its wave source in the eastern fringes of the Japan Sea). This assumption was derived by reviewing tsunamis that are assumed to have occurred in the Eastern fringes of the Japan sea, along the Japan Trench or off the coast of Chile. This value also includes uncertainty factors.
- Research in progress or completed after acquisition of a nuclear reactor installation permit
- Microtopography surveys, marine terrace surface surveys, airborne gravity surveys, marine sonic prospecting of western Shimokita Peninsula
- Tsunami sediment investigation of the northwestern coast of western Shimokita Peninsula and the western coast of Tsugaru Peninsula
- Geological surveys within the site and near the site (seismic exploration, core drilling, trenching, etc.)
- In the future, we will pay close attention to trends in new safety standards and deliberations by the Nuclear Regulation Authority and carry out appropriate reviews, investigations, analysis and evaluations.

<sup>\*1</sup> The earthquake in Southern Hyogo prefecture in 1995 was the impetus for revision of the Earthquake-proof Design Inspection Guidelines related to Nuclear Reactor Facilities for Power Plants (Earthquake-proof Design Guidelines) and the standards were revised in September 2006.

### Projects in Thailand by Consolidated Subsidiaries



	Overview	Developn	nent
7 SPP*1	<ul> <li>Projects based on the SPP Program*¹ of the Thai Government</li> </ul>	11/2009	Signed the PPAs
Consider 700NANA	<ul> <li>Development of seven 100MW-class cogeneration power plants</li> <li>Sale of electricity to EGAT*3 and customers in the vicinity for a</li> </ul>	10/2010	Signed the loan agreements
Capacity: 790MW (110MW x 5) (120MW x 2)	period of 25 years (steam and cold water also provided to nearby customers)	01/2013	COD* <sup>5</sup> of the first of the seven projects
Type: CCGT*2	<ul> <li>J-POWER holds a 90% stake in 6 plants and a 67.5% stake*<sup>4</sup> in a plant.</li> </ul>	10/2013	COD*5 of the last of the seven projects
Nong Seang IPP	<ul> <li>After startup of operations, the plants will sell electricity to EGAT*3 for a period of 25 years.</li> </ul>	12/2007	Awarded in an international tender
0 '' 4 COONAWA		10/2008	Signed the PPA
Capacity: 1,600MW (800MW x 2 units) Type: CCGT*2	J-POWER Local partner	11/2011	Signed the loan agreements
Type. CCGT	90% \ 10%	06/2014	COD*5 of the 1st block
	Gulf JP Co., Ltd.	12/2014	COD*5 of the 2nd block
U-Thai IPP	EPC contract 100% Loan agreement	12/2007	Awarded in an international tender
	EPC contractor Project Company Lenders	10/2008	Signed the PPA
Capacity: 1,600MW (800MW x 2 units) Type: CCGT* <sup>2</sup>	Gas supply agreement PPA	10/2012	Signed the loan agreements
Type. CCOT	PTT*6 EGAT*3	06/2015	COD*5 of the 1st block
		12/2015	COD*5 of the 2nd block

<sup>\*1</sup> SPP (Small Power Producers) program: The long-term power purchase scheme established by the Thai Government. This scheme promotes cogeneration systems, renewable energy, and so forth, and aims at reducing the import and use of fuel oil. EGAT guarantees the purchase of electricity generated from eligible suppliers up to 90MW of capacity.

<sup>\*2</sup> CCGT: Combined Cycle Gas Turbine

<sup>\*3</sup> EGAT (Electricity Generating Authority of Thailand): State-owned electric power utility in Thailand

<sup>\*4</sup> As for NLL project of 7 SPP Projects, a part of its stake was sold to an operating company of its industrial park in January 2013.

<sup>\*5</sup> COD: Commercial operation date

<sup>\*6</sup> PTT: State-owned gas and oil company in Thailand

### Projects in Thailand by Consolidated Subsidiaries(continued)



Nong Saeng IPP\* (2014, 99%)



NK2 (Oct. 2013, in operation)



TLC (Mar. 2013, in operation)



KP2 (Feb.2013, in operation)



U-Thai IPP (2015, 83%)



Bangkok

KP1 (Jan.2013, in operation)



CRN (Jul. 2013, in operation)



NNK (Apr. 2013, in operation)



NLL (May 2013, in operation)



<sup>\*</sup> The unit No.1 has commenced operation in June 2014 and the unit No.2 is scheduled to commence operation in December 2014. Note: Particulars in parentheses: (Start of operation, status or approximate rate of construction progress as of June 2014)

### Statements of Income



(Unit: 100 million yen)

				,	100 million yen)
FY2010	FY2011	FY2012	FY2013		FY2014
6,359	6,546	6,560	7,068	1,618	1Q 1,597
5,844	6,097	6,053	6,090	1,465	1,336
18	20	16	428	41	145
496	428	490	549	110	115
5,653	6,048	6,014	6,476	1,395	1,422
705	498	545	591	222	175
149	153	175	223	62	61
90	95	117	163	47	33
58	57	58	59	15	28
292	285	273	414	76	64
223	220	223	253	58	60
68	65	49	161	18	4
563	366	448	400	208	172
16	-	-	23	25	-
191	33	-	-	-	_
195	161	298	286	163	124
	6,359 5,844 18 496 5,653 705 149 90 58 292 223 68 563 16 191	6,359       6,546         5,844       6,097         18       20         496       428         5,653       6,048         705       498         149       153         90       95         58       57         292       285         223       220         68       65         563       366         16       -         191       33	6,359       6,546       6,560         5,844       6,097       6,053         18       20       16         496       428       490         5,653       6,048       6,014         705       498       545         149       153       175         90       95       117         58       57       58         292       285       273         223       220       223         68       65       49         563       366       448         16       -       -         191       33       -	6,359         6,546         6,560         7,068           5,844         6,097         6,053         6,090           18         20         16         428           496         428         490         549           5,653         6,048         6,014         6,476           705         498         545         591           149         153         175         223           90         95         117         163           58         57         58         59           292         285         273         414           223         220         223         253           68         65         49         161           563         366         448         400           16         -         -         23           191         33         -         -         -	FY2010         FY2011         FY2012         FY2013         FY2013         1Q           6,359         6,546         6,560         7,068         1,618           5,844         6,097         6,053         6,090         1,465           18         20         16         428         41           496         428         490         549         110           5,653         6,048         6,014         6,476         1,395           705         498         545         591         222           90         95         117         163         47           58         57         58         59         15           292         285         273         414         76           223         220         223         253         58           68         65         49         161         18           563         366         448         400         208           16         -         -         23         25           191         33         -         -         -         -         -

### Non-consolidated: Revenues and Expenses



(Unit: 100 million yen)

					(01110)	100 million yen)
FY2010	FY2011	FY2012	FY2013	FY2013 Q1	FY2014 1Q	YOY change
5,832	5,999	5,869	5,828	1,409	1,268	(140)
5,738	5,905	5,772	5,729	1,395	1,245	(149)
1,081	1,084	1,066	1,047	274	274	0
4,064	4,244	4,139	4,119	985	840	(144)
592	576	566	562	136	130	(5)
93	94	97	99	13	22	8
5,205	5,576	5,436	5,423	1,196	1,129	(67)
5,133	5,490	5,347	5,334	1,184	1,108	(75)
312	344	340	298	74	68	(5)
(22)	17	5	(30)	(7)	(10)	(3)
2,099	2,384	2,384	2,502	546	459	(86)
506	542	564	585	122	156	33
1,060	1,004	894	815	199	192	(6)
1,154	1,213	1,162	1,133	242	231	(11)
71	86	88	89	12	20	8
626	423	433	404	212	139	(72)
	5,832 5,738 1,081 4,064 592 93 5,205 5,133 312 (22) 2,099 506 1,060 1,154 71	5,832       5,999         5,738       5,905         1,081       1,084         4,064       4,244         592       576         93       94         5,205       5,576         5,133       5,490         312       344         (22)       17         2,099       2,384         506       542         1,060       1,004         1,154       1,213         71       86	5,832       5,999       5,869         5,738       5,905       5,772         1,081       1,084       1,066         4,064       4,244       4,139         592       576       566         93       94       97         5,205       5,576       5,436         5,133       5,490       5,347         312       344       340         (22)       17       5         2,099       2,384       2,384         506       542       564         1,060       1,004       894         1,154       1,213       1,162         71       86       88	5,832         5,999         5,869         5,828           5,738         5,905         5,772         5,729           1,081         1,084         1,066         1,047           4,064         4,244         4,139         4,119           592         576         566         562           93         94         97         99           5,205         5,576         5,436         5,423           5,133         5,490         5,347         5,334           312         344         340         298           (22)         17         5         (30)           2,099         2,384         2,384         2,502           506         542         564         585           1,060         1,004         894         815           1,154         1,213         1,162         1,133           71         86         88         89	FY2010         FY2011         FY2012         FY2013         Q1           5,832         5,999         5,869         5,828         1,409           5,738         5,905         5,772         5,729         1,395           1,081         1,084         1,066         1,047         274           4,064         4,244         4,139         4,119         985           592         576         566         562         136           93         94         97         99         13           5,205         5,576         5,436         5,423         1,196           5,133         5,490         5,347         5,334         1,184           312         344         340         298         74           (22)         17         5         (30)         (7)           2,099         2,384         2,384         2,502         546           506         542         564         585         122           1,060         1,004         894         815         199           1,154         1,213         1,162         1,133         242           71         86         88         89         12<	FY2010         FY2011         FY2012         FY2013         FY2014 1Q           5,832         5,999         5,869         5,828         1,409         1,268           5,738         5,905         5,772         5,729         1,395         1,245           1,081         1,084         1,066         1,047         274         274           4,064         4,244         4,139         4,119         985         840           592         576         566         562         136         130           93         94         97         99         13         22           5,205         5,576         5,436         5,423         1,196         1,129           5,133         5,490         5,347         5,334         1,184         1,08           312         344         340         298         74         68           (22)         17         5         (30)         (7)         (10)           2,099         2,384         2,384         2,502         546         459           506         542         564         585         122         156           1,060         1,004         894         815

### **Segment Information**



(Unit: 100 million yen)

							(Onit. 1	oo miiiion yen)
		Electric power	Electric power -related	Overseas	Other	Subtotal	Elimination*	Consolidated
FY2014	Sales	1,340	688	145	56	2,231	(633)	1,597
1Q	Sales to customers	1,336	62	145	53	1,597	-	1,597
	Ordinary income	121	4	37	2	165	6	172
FY2013	Sales	1,469	672	41	44	2,227	(609)	1,618
1Q	Sales to customers	1,465	69	41	41	1,618	-	1,618
	Ordinary income	179	1	20	2	202	5	208
year-on-year change	Sales	(129)	16	103	12	3	(23)	(20)
	Sales to customers	(129)	(7)	103	12	(20)	-	(20)
	Ordinary income	(57)	2	17	(0)	(36)	0	(36)

"Electric Power Business"

Wholesale power business: J-POWER's hydroelectric, thermal power and transmission business

Other electric power businesses: Wind power business (subsidiaries), IPP business and others

"Electric Power-Related Businesses"

These focus on peripheral businesses essential for the operation of power plants and transmission facilities, such as designing, executing, inspecting and maintaining power facilities. Intra-group transactions account for a large portion of this segment.

"Overseas Businesses"

Overseas power generation businesses, overseas engineering and consulting businesses

"Other Businesses"

Diversified businesses such as telecommunication, environmental and the sale of coal

<sup>\*</sup> Elimination includes elimination of intersegment sales

### Cash Flow



(Unit: 100 million yen) FY2013 FY2014 FY2010 FY2011 FY2012 FY2013 **1Q 1Q Operatging activities** 1,512 137 177 1,258 1,197 1,221 Income before income taxes 387 332 and minority interests 451 427 235 173 (reference) Non-consolidateed depreciation and amortization 1,060 1,004 894 815 199 192 **Investing activities** (1,246)(1,368)(1,703)(1,773)(319)(352)Capital expenditure for subsidiaries (302)(642)(1,002)(957)(162)(161)(reference) Non-consolidated CAPEX\* (737)(684)(662)(865)(192)(146)Free cash flow 265 (109)(505)(552)(181)(175) ■ Consolidated CF for investing activities (Unit: 100 million yen) ■ Non-consolidated capital ezpenditure 2,000 ■ Non-consolidated depreciation and amortization 1,500 1,000 500 FY2010 FY2011 FY2013 FY2012

<sup>\*</sup> Non-consolidated capital expenditure: Increase in tangible and intangible noncurrent assets

### Financial Data



(Unit: 100 million yen)

							100 million yen)
		FY2010	FY2011	FY2012	FY2013	FY2013 1Q	FY2014 1Q
(PL)	Operating revenues	6,359	6,546	6,560	7,068	1,618	1,597
	Operating income	705	498	545	591	222	175
	Ordinary income	563	366	448	400	208	172
	Net income	195	161	298	286	163	124
(BS)	Total assets	20,123	20,163	21,699	23,852	22,677	24,118
	Construction in progress	3,016	3,804	4,646	5,126	4,687	5,267
	Shareholders' equity	4,157	4,073	4,539	5,162	4,910	5,203
	Net assets	4,148	4,061	4,538	5,194	4,919	5,240
	Interest-bearing debts	14,290	14,357	15,230	16,499	15,690	16,816
(CF)	Investing activities	(1,246)	(1,368)	(1,703)	(1,773)	(319)	(352)
	Free cash flow	265	(109)	(505)	(552)	(181)	(175)
	(Ref) Non-consolidated CAPEX*1	(737)	(684)	(662)	(865)	(192)	(146)
	(Ref) Non-consolidated depreciation	1,060	1,004	894	815	199	192
ROA (	[%)	2.8	1.8	2.1	1.8	-	-
ROA (	ROA excl. Construction in progress) (%)	3.3	2.2	2.7	2.2	-	-
ROE (	%)	4.7	3.9	6.9	5.9	-	-
EPS (	¥)	130.51	107.39	198.65	191.23	108.82	82.72
BPS (	¥)	2,770.77	2,714.94	3,024.98	3,440.23	3,272.44	3,467.71
Share	holders' equity ratio (%)	20.7	20.2	20.9	21.6	21.7	21.6
D/E ra	atio	3.4	3.5	3.4	3.2	3.2	3.2
Numl	per of shares issued*2 (thousand)	150,053	150,052	150,052	150,051	150,051	150,051

<sup>\*1</sup> Non-consolidated capital expenditure: Increase in tangible and intangible noncurrent assets

<sup>\*2</sup> Number of shares issued at the end of the fiscal year (excluding treasury stock)

### Monthly Electricity Sales:

### Wholesales Electric Power Business (Thermal Power)



Apr. 2013 - Jun. 2013 Results (cumulative)

Load factor  $\Rightarrow$  64%

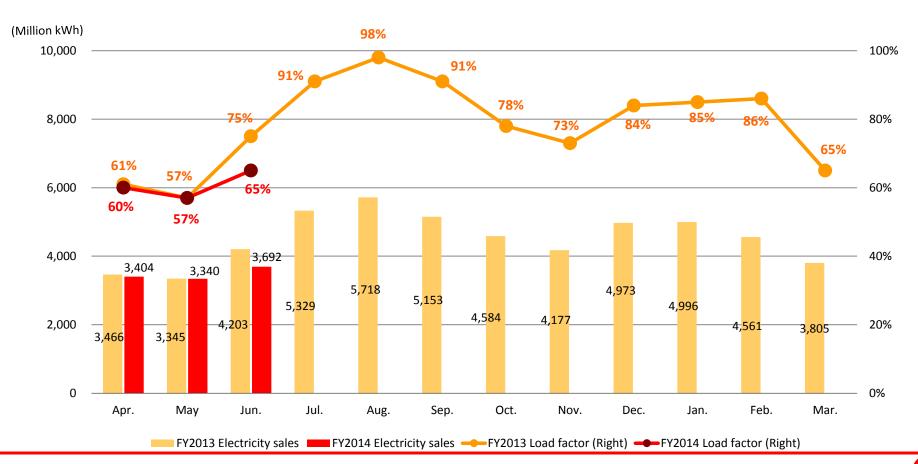
Electricity sales ⇒ 11.0B kWh

Apr. 2014 - Jun. 2014 Results (cumulative)

Load factor  $\Rightarrow$  61%

Electricity sales ⇒ 10.4B kWh

FY2013 Results (cumulative): Load factor 79%, Electricity sales 54.3B kWh



### Monthly Electricity Sales:

### Wholesales Electric Power Business (Hydroelectric Power)



Apr. 2013 - Jun. 2013 Results (cumulative)

Water supply rate ⇒ 91%

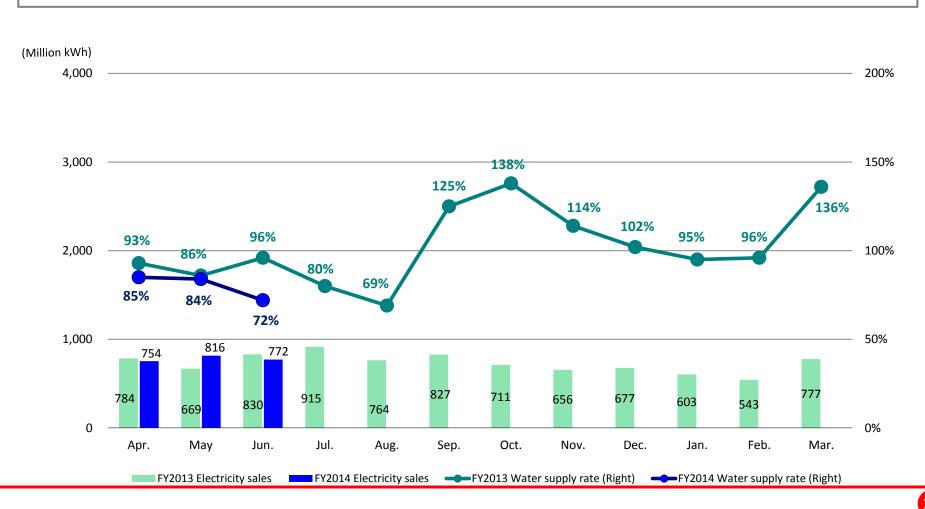
Electricity sales ⇒ 2.2B kWh

Apr. 2014 - Jun. 2014 Results (cumulative)

Water supply rate ⇒ 81%

Electricity sales ⇒ 2.3B kWh

FY2013 Results (cumulative): Water supply rate 99%, Electricity sales 8.7B kWh



### Wholesales Electric Power Business: Changes in Monthly Electricity Sales



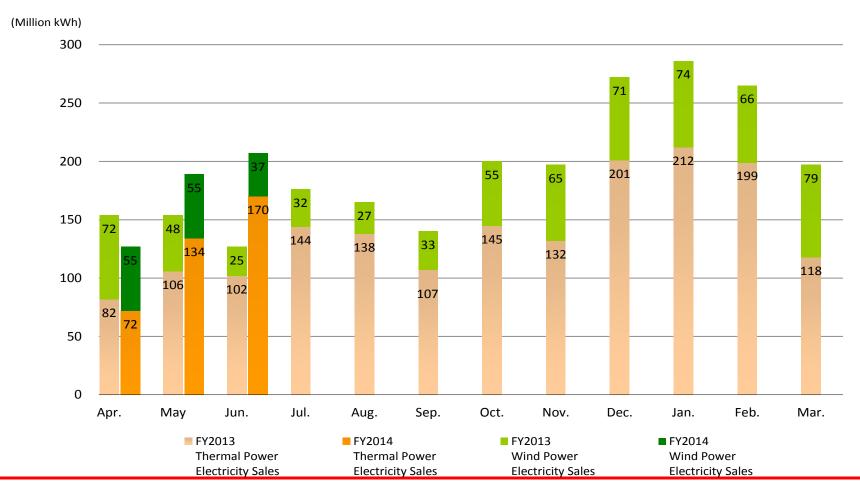


### Monthly Electricity Sales: Other Electric Power Business



Apr. 2013 - Jun. 2013 Results (cumulative)
Electricity sales ⇒ 0.4B kWh

- Apr. 2014 Jun. 2014 Results (cumulative)
  Electricity sales ⇒ 0.5B kWh
- ✓ FY2013 Results (cumulative): Electricity sales 2.3B kWh



<sup>\*</sup> Does not take proportion of equity holdings into account





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