



**Financial Statements
2013**



Consolidated Balance Sheets

As of March 31, 2012 and 2013

		Millions of yen	Thousands of U.S. dollars (Note 2)
ASSETS	2012	2013	2013
Property, plant and equipment	¥1,611,491	¥1,702,134	\$18,098,182
Power plants (Note 2, 3, 7, 13 and 24)	1,111,251	1,058,849	11,258,366
Other property, plant and equipment (Note 2, 3, 7, 13 and 24)	65,657	118,840	1,263,593
Construction in progress (Note 2, 7 and 24)	380,425	464,674	4,940,717
Nuclear fuel (Note 24)	54,157	59,769	635,505
Investments and other assets	238,295	273,067	2,903,434
Long-term investments (Note 2, 4, 7, 18, 19, 20, 24 and 25)	181,132	202,464	2,152,735
Deferred tax assets (Note 2 and 22)	52,571	47,234	502,222
Others, less allowance for doubtful accounts (Note 2 and 7)	4,591	23,369	248,475
Current assets	166,607	194,707	2,070,256
Cash and bank deposits (Note 7, 17 and 18)	35,112	49,283	524,010
Notes and accounts receivable, less allowance for doubtful accounts (Note 2, 7 and 18)	59,219	61,590	654,866
Inventories (Note 2, 5 and 7)	34,972	38,160	405,743
Others (Note 2, 7, 17, 18, 20 and 22)	37,303	45,673	485,635
Total assets	¥2,016,394	¥2,169,909	\$23,071,872

	Millions of yen	Thousands of U.S. dollars (Note 2)	
	2012	2013	
LIABILITIES		2013	
Long-term liabilities	¥1,324,663	¥1,402,287	\$14,910,017
Long-term debt and lease obligations, less current portion (Note 7 and 18)	1,238,305	1,304,889	13,874,427
Accrued employee retirement benefits (Note 2, 9 and 21)	58,015	59,012	627,463
Others (Note 2, 6 and 22)	28,342	38,384	408,126
Current liabilities	284,761	313,311	3,331,328
Current portion of long-term debt and other (Note 7 and 18)	166,342	196,999	2,094,622
Short-term loans (Note 7 and 18)	18,443	18,475	196,447
Commercial paper (Note 7 and 18)	12,999	3,999	42,529
Income and other taxes payable	11,408	10,811	114,956
Others (Note 2, 6, 18, 20 and 22)	75,566	83,024	882,772
Reserve for fluctuation in water levels (Note 2)	777	425	4,528
Contingent liabilities (Note 8)			
Total liabilities	1,610,202	1,716,024	18,245,874
NET ASSETS			
Shareholders' equity (Note 23)	441,369	460,673	4,898,173
Common stock	152,449	152,449	1,620,942
Capital surplus	81,849	81,849	870,277
Retained earnings	270,334	289,639	3,079,629
Treasury stock	(63,264)	(63,265)	(672,675)
Accumulated other comprehensive income	(33,985)	(6,768)	(71,962)
Unrealized gain on available-for-sale securities, net (Note 2)	(772)	4,855	51,624
Deferred hedging gain and loss (Note 2, 18 and 20)	(4,209)	(6,929)	(73,684)
Foreign currency translation adjustments (Note 2)	(29,003)	(4,693)	(49,903)
Minority interests	(1,191)	(19)	(212)
Total net assets	406,192	453,885	4,825,998
Total liabilities and net assets	¥2,016,394	¥2,169,909	\$23,071,872
Shareholders' equity per share	¥2,714.94	¥3,024.98	\$32.16

Consolidated Statements of Income

For the years ended March 31, 2012 and 2013

	2012	2013	2013
		Millions of yen	Thousands of U.S. dollars (Note 2)
Operating revenues (Note 2 and 24)	¥654,600	¥656,056	\$6,975,614
Electric power	609,775	605,338	6,436,349
Other	44,825	50,717	539,265
Operating expenses (Note 2, 9, 10, 11, 12, 21 and 24)	604,800	601,490	6,395,430
Electric power	553,873	542,195	5,764,967
Other	50,927	59,295	630,462
Operating income	49,800	54,566	580,184
Non-operating income (expenses) (Note 13, 19 and 24)	(13,180)	(9,740)	(103,570)
Interest expenses	(22,005)	(22,362)	(237,772)
Other, net	8,825	12,621	134,201
Ordinary income (Note 24)	36,619	44,825	476,613
Special gains (losses) (Note 2, 13, 14 and 24)	(3,382)	351	3,734
Provision or reversal of reserve for fluctuation in water levels	—	351	3,734
Disaster recovery expenses	(3,382)	—	—
Income before income taxes and minority interests	33,237	45,176	480,348
Income taxes (Note 2, 11 and 22)	17,324	15,562	165,475
Current	12,953	11,940	126,956
Deferred	4,370	3,622	38,518
Income before minority interests	15,913	29,613	314,872
Minority interests	(200)	(194)	(2,070)
Net income	¥ 16,113	¥ 29,808	\$ 316,942
		Yen	U.S. dollars (Note 2)
Amounts per share:			
Net income (Note 2)	¥107.39	¥198.65	\$2.11
Cash dividends applicable to the year (Note 16)	70.00	70.00	0.74

Consolidated Statements of Comprehensive Income

For the years ended March 31, 2012 and 2013

	2012	2013	2013
	Millions of yen	Millions of yen	Thousands of U.S. dollars (Note 2)
Income before minority interests	¥15,913	¥29,613	\$314,872
Other comprehensive income (Note 15)			
Unrealized gain on available-for-sale securities, net	(640)	5,607	59,619
Deferred hedging gain and loss	(4,786)	(2,997)	(31,868)
Foreign currency translation adjustments	(4,192)	14,835	157,744
Share of other comprehensive income of associates accounted for using equity method	(4,897)	9,873	104,978
Total other comprehensive income	(14,516)	27,319	290,473
Comprehensive income (Note 15)	1,396	56,932	605,346
(Comprehensive income attributable to-abstract)			
Comprehensive income attributable to owners of the parent	2,126	57,025	606,332
Comprehensive income attributable to minority interests	¥ (729)	¥ (92)	\$ (986)

Consolidated Statements of Changes in Net Assets

For the years ended March 31, 2012 and 2013

Shareholders' equity

	Number of shares issued of common stock (thousands)	Common stock	Capital surplus	Retained earnings	Treasury stock**1	Millions of yen Total shareholders' equity
Balance at March 31, 2011	166,569	¥152,449	¥81,849	¥264,724	¥(63,263)	¥435,760
Net income				16,113		16,113
Dividends				(10,503)		(10,503)
Acquisition of treasury stock					(0)	(0)
Net change during the year						
Balance at March 31, 2012	166,569	152,449	81,849	270,334	(63,264)	441,369
Net income				29,808		29,808
Dividends (Note 16)				(10,503)		(10,503)
Acquisition of treasury stock					(1)	(1)
Net change during the year						
Balance at March 31, 2013	166,569	¥152,449	¥81,849	¥289,639	¥(63,265)	¥460,673

	Common stock	Capital surplus	Retained earnings	Treasury stock**1	Thousands of U.S. dollars (Note 2) Total shareholders' equity
Balance at March 31, 2012	\$1,620,942	\$870,277	\$2,874,368	\$(672,664)	\$4,692,924
Net income			316,942		316,942
Dividends (Note 16)			(111,682)		(111,682)
Acquisition of treasury stock				(11)	(11)
Net change during the year					
Balance at March 31, 2013	\$1,620,942	\$870,277	\$3,079,629	\$(672,675)	\$4,898,173

*1 Number of treasury stock as of March 31, 2013: 16,517,290 shares

Accumulated other comprehensive income

	Unrealized gain (loss) on available-for-sale securities, net	Deferred hedging gain and loss	Foreign currency translation adjustments	Total accumulated other comprehensive income	Minority interests	Millions of yen Total net assets
Balance at March 31, 2011	¥ (137)	¥ 611	¥(20,471)	¥(19,997)	¥ (863)	¥414,898
Net income						16,113
Dividends						(10,503)
Acquisition of treasury stock						(0)
Net change during the year	(634)	(4,821)	(8,532)	(13,987)	(327)	(14,315)
Balance at March 31, 2012	(772)	(4,209)	(29,003)	(33,985)	(1,191)	406,192
Net income						29,808
Dividends (Note 16)						(10,503)
Acquisition of treasury stock						(1)
Net change during the year	5,627	(2,720)	24,310	27,217	1,171	28,388
Balance at March 31, 2013	¥4,855	¥(6,929)	¥ (4,693)	¥ (6,768)	¥ (19)	¥453,885

	Unrealized gain (loss) on available-for-sale securities, net	Deferred hedging gain and loss	Foreign currency translation adjustments	Total accumulated other comprehensive income	Minority interests	Thousands of U.S. dollars (Note 2) Total net assets
Balance at March 31, 2012	\$(8,208)	\$(44,757)	\$(308,386)	\$(361,352)	\$(12,669)	\$4,318,902
Net income						316,942
Dividends (Note 16)						(111,682)
Acquisition of treasury stock						(11)
Net change during the year	59,833	(28,926)	258,483	289,389	12,456	301,846
Balance at March 31, 2013	\$51,624	\$(73,684)	\$ (49,903)	\$ (71,962)	\$ (212)	\$4,825,998

Consolidated Statements of Cash Flows

For the years ended March 31, 2012 and 2013

	Millions of yen		Thousands of U.S. dollars (Note 2)
	2012	2013	2013
Cash flows from operating activities:			
Income before income taxes and minority interests	¥ 33,237	¥ 45,176	\$ 480,348
Depreciation (Note 2)	105,271	95,254	1,012,812
Impairment loss (Note 13)	946	180	1,920
Loss on disposal of property, plant and equipment	2,434	2,418	25,713
Disaster recovery expenses (Note 14)	3,382	—	—
Increase (decrease) in accrued employee retirement benefits	971	987	10,501
Increase (decrease) in reserve for fluctuation in water levels	—	(351)	(3,734)
Interest and dividends income	(2,284)	(2,517)	(26,766)
Interest expenses	22,005	22,362	237,772
(Increase) decrease in notes and accounts receivable	(1,607)	(2,133)	(22,686)
(Increase) decrease in inventories	(2,488)	(3,133)	(33,312)
Increase (decrease) in notes and accounts payable	3,148	5,642	59,999
Loss (gain) on sales of securities	(484)	(620)	(6,593)
Unrealized loss (gain) on valuation of securities	1,791	242	2,579
Investment income on equity method	(9,565)	(11,728)	(124,704)
Loss (gain) on sales of property, plant and equipment	747	526	5,593
Others (Note 2)	8,526	(8,922)	(94,871)
Subtotal	166,031	143,385	1,524,571
Interest and dividends received	6,869	7,926	84,283
Interest paid	(21,765)	(21,974)	(233,642)
Income taxes paid	(25,244)	(9,552)	(101,566)
Net cash provided by operating activities	125,891	119,786	1,273,645
Cash flows from investing activities:			
Payments for purchase of property, plant and equipment	(133,711)	(165,201)	(1,756,529)
Proceeds from contributions grants	3,102	6,343	67,449
Proceeds from sales of property, plant and equipment	2,285	1,140	12,129
Payments for investments and loans	(6,068)	(1,347)	(14,327)
Proceeds from collections of investments and loans	4,915	7,938	84,402
Proceeds from sales of investments in subsidiaries resulting in change in scope of consolidation	1,425	—	—
Others	(8,802)	(19,242)	(204,598)
Net cash used in investing activities	(136,852)	(170,369)	(1,811,474)
Cash flows from financing activities:			
Proceeds from issuance of bonds	—	39,877	424,004
Redemption of bonds	(35,000)	(20,000)	(212,652)
Proceeds from long-term loans	176,745	207,887	2,210,392
Repayment of long-term loans	(127,173)	(146,048)	(1,552,886)
Proceeds from short-term loans	103,760	108,500	1,153,649
Repayment of short-term loans	(103,070)	(110,038)	(1,170,001)
Proceeds from issuance of commercial paper	359,968	326,969	3,476,545
Redemption of commercial paper	(359,000)	(336,000)	(3,572,567)
Dividends paid	(10,502)	(10,501)	(111,655)
Dividends paid to minority interests	(196)	—	—
Others	3,764	856	9,107
Net cash provided by financing activities	9,296	61,502	653,935
Foreign currency translation adjustments on cash and cash equivalents	(585)	2,615	27,808
Net increase (decrease) in cash and cash equivalents	(2,248)	13,535	143,915
Cash and cash equivalents at beginning of the year	38,002	35,359	375,967
(Decrease) in cash and cash equivalents resulting from change of scope of consolidation	(394)	—	—
Cash and cash equivalents at end of the year (Note 2 and 17)	¥ 35,359	¥ 48,894	\$ 519,882

Notes to Consolidated Financial Statements

For the years ended March 31, 2012 and 2013

1. Basis of preparation of consolidated financial statements

The accompanying consolidated financial statements of Electric Power Development Co., Ltd. (the Company), and its consolidated subsidiaries have been compiled from the consolidated financial statements prepared by the Company as required by the Financial Instruments and Exchange Law of Japan, the Electricity Utilities Industry Law and their related accounting regulations, and are prepared on the basis of accounting principles and practices generally accepted and applied in Japan, which are different in certain respects regarding application and disclosure requirements of accounting principles and practices generally accepted in the

United States of America and International Financial Reporting Standards.

In addition, the notes to the consolidated financial statements include information that is not required under accounting principles generally accepted in Japan but is presented herein as additional information.

Amounts of less than one million yen or one thousand U.S. dollars have been rounded down. Consequently, the totals shown in the accompanying consolidated financial statements do not necessarily agree with the sum of the individual amounts.

2. Summary of significant accounting policies

(1) Principles of consolidation

The accompanying consolidated financial statements include the accounts of the Company and its 71 subsidiaries controlled directly or indirectly by the Company.

Japan Clean Energy Development Co., Ltd., Biocoal Yokohama Nanbu Co., Ltd., Greencoal Saikai Co., Ltd., J-Wind Setana Co., Ltd. and Yurihonjo Wind Power Co., Ltd., which were established within these consolidated fiscal years, are newly included within the scope of consolidation.

In April 2012, J-Wind Co., Ltd., a former consolidated subsidiary, was absorbed and merged with three other subsidiaries, Green Power TOKIWA Co., Ltd., Green Power Awara Co., Ltd. and J-Wind IROUZAKI Co., Ltd.

All of the consolidated subsidiaries, except for J-POWER AUSTRALIA PTY. LTD. and 29 other overseas subsidiaries, have the same reporting date as that of the Company. The fiscal year-end of each of J-POWER AUSTRALIA PTY. LTD. and 29 other overseas subsidiaries is the end of December. The financial statements of these subsidiaries as of the date are used for consolidation after necessary adjustments with regard to significant transactions incurred during the periods between their fiscal year-ends and that of the Company.

(2) Equity method (Accounting for investment in affiliates)

Eighty-one affiliates, which have a significant influence on the Company's operations, are accounted for by the equity method.

During the consolidated fiscal year, Thaioil Power Co., Ltd. and one other company were excluded from the applicable scope of accounting by the equity method due to the sale of all equity in December 2012.

Affiliated companies that are not accounted for by the equity method (Nishikyushu Kyodo Kowan Co., Ltd. and others) have little influence on net profit and loss and retained earnings for these terms and their influences are generally insignificant, so they have been excluded from the applicable scope of accounting by the equity method.

Of the companies accounted for by the equity method, 76 companies exclusive of Mihama Seaside Power Co., Ltd., Tosa Power Inc., Setouchi Power Corporation, Osaki CoolGen Corporation and Yuzawa Geothermal Power Generation Corporation have the reporting dates that differ from that of the consolidated financial statements and the Company uses the financial statements that pertain to their respective reporting dates.

(3) Accounting policies

a. Property, plant and equipment and depreciation

Property, plant and equipment are stated at cost. Construction grants received from the Government of Japan and others are deducted from the cost of the related assets. Depreciation of major tangible assets is computed based on the estimated useful lives of the respective assets as prescribed in the Corporation Tax Law of Japan. The declining-balance method has been applied to buildings, structures and machinery and the straight-line method has been applied to other equipment. Major intangible assets are amortized based on the respective estimated useful lives of those assets using the straight-line method. Software costs for internal use are amortized based on the internally available period (normally, five years) using the straight-line method.

Due to reforms in the Corporation Tax Act, the Company and domestic consolidated subsidiaries have changed the depreciation method based on the reformed Corporation Tax Act for buildings, structures and machinery acquired on or after April 1, 2012. There is little influence to profit and loss from this change.

b. Investments

Available-for-sale securities with market value are stated at market value on the balance sheet date. Cost of sold securities is stated using the moving average method. The differences between the acquisition costs and the carrying values of securities are recognized in unrealized gain on available-for-sale securities, net. Unrealized gain (loss) on available-for-sale securities, net of applicable income taxes, is charged to net assets. Available-for-sale securities without market value are stated at cost determined by the moving average method.

Money in trust for cash management purposes is also stated at market value.

c. Derivatives

Derivative instruments are stated at fair value, and hedge accounting is applied to those instruments which fulfill hedge conditions.

d. Inventories

Coal and general inventories are stated at cost determined by the monthly average method (book values on the balance sheet are written down on the basis of decline in profitability) and specialty goods are stated at cost determined by the identified cost method.

e. Allowance for doubtful account

To provide for doubtful accounts in accounts receivable and other claimed receivables, we consider general receivables on the basis of past bad debt results and specific receivables in danger of falling into default on the basis of their individual recoverability, and we post the anticipated irrecoverable amounts accordingly.

f. Accrued employee retirement benefits

Accrued employee retirement benefits have been provided principally at an amount calculated based on the retirement benefit obligation and the fair value of the pension assets as of each fiscal year-end.

Actuarial differences are primarily recognized under the declining balance method over two years from the consolidated fiscal year following the fiscal year in which they were incurred, and past service obligations are mainly recognized under the straight-line method over two years from the year in which the expense was incurred.

g. Reserve for fluctuations in water levels

To offset fluctuations in income in connection with hydroelectric power generation caused by higher or lower than average water levels, the Company records a reserve for fluctuations in water levels under "Ministerial Ordinance Concerning Reserve for Fluctuations in Water Levels" (the Ministerial Ordinance No. 56 of June 15, 1965 of the Ministry of Economy, Trade and Industry) stipulated by Article 36 of the Electricity Utilities Industry Law.

h. Revenue for construction contracts

Revenue from construction for which the degree of completion can be confirmed at the fiscal year-end is accounted for according to the percentage of completion method (the method of apportioning costs for the estimated degree of completion for construction); revenue from other construction contracts has been recognized based on the completed contract method.

i. Foreign currency translation

Foreign-currency-denominated monetary receivables and payables are translated into yen at the exchange rate prevailing as of each fiscal year-end, and the conversion differences are processed as gains or losses. The balance sheet accounts, revenue and expenses accounts of overseas consolidated subsidiaries are translated into yen at the exchange rate in effect at each fiscal year-end and the resulting translation differences are presented as the foreign currency translation adjustments account under net assets.

The components of shareholders' equity are translated at historical exchange rates.

j. Derivative financial instruments and hedge accounting

The Company utilizes derivative financial instruments including foreign exchange forward contracts, foreign currency swaps and interest rate swaps, to manage its exposure to fluctuations in foreign exchange, interest rates and commodity prices. The Company does not intend to utilize the derivatives for trading or speculative purposes.

All derivatives of the Company are used for hedge purposes, and are principally accounted for under deferral hedge accounting.

The Company uses foreign exchange forward contracts and foreign currency swaps to hedge payment of principal and interest with respect to foreign-currency-denominated bonds and loans, and some foreign-currency-denominated debts and receivables, and uses interest rate swaps and interest rate color to hedge payments of principal and interest with respect to bonds and loans, and uses commodity-price-related swaps to hedge some transactions affected by fluctuations in commodity prices.

Based on its internal regulations relating to derivative transactions, derivatives are executed for the purpose of avoiding the risks of fluctuating interest rates, exchange rates, and commodity purchase prices, and the Company's policy is not to perform speculative transactions.

The Company evaluates hedge effectiveness on a quarterly basis or a per transaction basis by comparing cumulative changes in cash flow of hedging instruments with cumulative changes in hedged cash flow. Evaluation of the effectiveness of certain foreign exchange forward contracts, foreign currency swaps, and special interest rate swaps has been omitted if the substantial terms and conditions of the hedge instruments and the hedged forecasted transactions are the same.

k. Capitalization of interest expenses

Interest expenses related to debts incurred for the construction of power plants have been capitalized and included in the cost of the related assets pursuant to the accounting regulations (the Ministerial Ordinance No. 57 of June 15, 1965 of the Ministry of Economy, Trade and Industry) under the Electricity Utilities Industry Law.

l. Accounting for consumption taxes

Consumption taxes with respect to the Company and its domestic subsidiaries are accounted for by using the tax-excluded method.

The consumption taxes imposed on sales made to customers by the Company and its domestic subsidiaries are withheld by the Company and its subsidiaries at the time of sale and are subsequently paid to the national and local governments. The consumption taxes withheld upon sale are not included in the amount of operating revenue in the accompanying consolidated statements of income. Consumption taxes paid on purchases of goods and national services by the Company and its domestic subsidiaries are excluded from each account in the consolidated statements of income.

m. Income taxes

Income taxes comprise corporate income tax, inhabitant tax and enterprise tax. However, most of the enterprise tax imposed on the Company is computed based on sales and such enterprise tax is included in operating expenses (electric power) in the Company's consolidated statements of income. The provision for corporate income taxes is computed based on pretax income included in the Company's consolidated statements of income. The asset and liability approach is used to recognize deferred tax assets and liabilities for the expected future tax consequences of temporary differences between the carrying amounts and tax bases of assets and liabilities. Deferred taxes are measured by applying currently enacted tax laws to the temporary differences.

n. Cash equivalents

Cash and cash equivalents presented in the accompanying consolidated statements of cash flows represent cash on hand, bank deposits, which are payable on demand, and short-term investments with maturity periods of three months or less which are easily convertible into cash and present insignificant risk of changes in value.

Accounting Standards that are yet to be applied, etc.

"Accounting Standards on Retirement Benefits" (ASBJ Statement No. 26 of May 17, 2012) and "Application Guidelines for Accounting Standards on Retirement Benefits (ASBJ Guidance No. 25 of May 17, 2012) were reforms based on a perspective of improving financial reporting and international trends. The reforms are centered on processing methods for unrecognized actuarial loss and unrecognized prior service cost, calculation methods for retirement benefit obligation and service cost, and to expand and enhance disclosure.

The accounting standards are scheduled to take effect from the end of the year ending March 2014. However, reforms on the calculation method of retirement benefit obligation and service cost are scheduled to take effect from the beginning of the year ending March 2015 onwards.

The amount of influence is being assessed during drafting of the consolidated financial statements.

(4) Per share information

Net income per share (excluding the value not attributable to ordinary shareholders) is calculated based on the weighted average number of shares of common stock excluding treasury stock during the fiscal year. Diluted net income per share reflects the potential dilution that could occur if securities were exercised or converted into common stock. Diluted net income per share is not disclosed as there are no outstanding securities, such as convertible bonds or warrants, which are convertible into shares of common stock.

(5) U.S. dollar amounts

The translation of Japanese yen amounts into U.S. dollar amounts is included solely for the convenience of the reader, using the telegraphic transfer middle rate of exchange prevailing at the Tokyo Foreign Exchange Market on March 29, 2013, which was ¥94.05 = US\$1.00. The translations should not be construed as representations that the Japanese yen amounts have been, could have been, or could in the future be, converted, realized or settled in U.S. dollars at this or any other rate of exchange.

3. Property, plant and equipment

Book value of "power plants," less construction grants and accumulated depreciation, as of March 31, 2012 and 2013, were as follows:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Hydroelectric power plants	¥ 374,510	¥ 363,437	\$ 3,864,304
Thermal power plants	423,049	387,957	4,125,008
Internal combustion power generation facilities	4,296	3,956	42,068
Renewable power production facilities	34,479	31,358	333,424
Transmission facilities	186,274	185,754	1,975,063
Conversion facilities	31,774	30,608	325,452
Communication facilities	9,065	8,638	91,845
General facilities	47,801	47,137	501,198
Total	¥1,111,251	¥1,058,849	\$11,258,366

Construction grants, which were deducted from the cost of property, plant and equipment as of March 31, 2012 and 2013 were as follows:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Construction grants	¥112,213	¥112,065	\$1,191,550

Accumulated depreciation of property, plant and equipment as of March 31, 2012 and 2013 was as follows:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Accumulated depreciation	¥2,699,602	¥2,776,328	\$29,519,707

4. Long-term investments in non-consolidated subsidiaries and affiliated companies

Equity investments in non-consolidated subsidiaries and affiliated companies included in "Long-term investments" at the end of March 2012 and March 2013 were as follows:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Shares	¥105,136	¥118,673	\$1,261,808

5. Inventories

Inventories at the end of March 2012 and the end of March 2013 consisted of the following:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Merchandise and finished goods	¥ 799	¥ 1,627	\$ 17,302
Work in process	639	1,128	12,000
Raw materials and supplies	33,533	35,404	376,440
Total	¥34,972	¥38,160	\$405,743

6. Provisions

Provisions for directors' bonuses stated by subsidiaries are included in Others of Long-term and current liabilities (¥350 million as of March 31, 2012 and ¥310 million (US\$3,297 thousand) as of March 31, 2013).

7. Short-term loans, long-term debts and lease obligations

Short-term loans, long-term debts and lease obligations as of March 31, 2012 and 2013 consisted of the following:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Loans from banks and Japanese government agencies, due on varying dates through 2036	¥ 699,369	¥ 766,606	\$ 8,151,054
Interest rates:			
Long-term loans, excluding current portion		2.493% (average)	
Current portion of long-term loans		1.427% (average)	
Short-term loans		0.348% (average)	
Commercial paper		0.110% (average)	
Domestic straight bonds, due on varying dates through 2028	0.59% to 2.24%	734,914	754,929
Lease obligations		1,453	1,523
Subtotal		1,435,736	1,523,059
Less current portion		(197,431)	(218,169)
Total		¥1,238,305	¥1,304,889
			\$13,874,427

The annual maturities of bonds, long-term debts and lease obligations subsequent to March 31, 2013 are summarized as follows:

Year ending March 31	Millions of yen	Thousands of U.S. dollars
2014	¥ 218,169	\$ 2,319,721
2015	199,720	2,123,551
2016	149,256	1,586,992
2017	125,110	1,330,252
2018	202,860	2,156,946
2019 and thereafter	627,942	6,676,684
Total	¥1,523,059	\$16,194,148

All of the Company's assets are subject to certain statutory liens as security for bonds. The outstanding amount of such bonds amounted to ¥40,000 million and ¥20,000 million (US\$212,652 thousand) as of March 31, 2012 and 2013, respectively. Some long-term investments amounted to ¥2,472 million and ¥2,399 million (US\$25,515 thousand) as of March 31, 2012 and 2013, respectively, and were used as collateral for loans of other companies.

Some long-term investments of consolidated subsidiaries amounted to ¥2,353 million and ¥2,836 million (US\$30,157 thousand) as of March 31, 2012 and 2013, respectively, and were used as collateral for loans of other companies.

The book value of consolidated subsidiaries' assets pledged as collateral to the financial institutions for the debt of certain consolidated subsidiaries, which totaled ¥86,479 million and ¥166,502 million (US\$1,770,361 thousand) as of March 31, 2012 and 2013, respectively, was as follows:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Construction in progress	¥64,240	¥132,224	\$1,405,892
Long-term investments	18,718	26,704	283,941
Power plants	13,379	11,481	122,077
Other property, plant and equipment	3,634	8,264	87,869
Cash and deposits	536	582	6,194

8. Contingent liabilities

Contingent liabilities as of March 31, 2012 and 2013 consisted of the following:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Guarantees given to certain financial institutions for loans of companies below:			
TOSA POWER Inc.	¥2,496	¥ 1,854	\$ 19,722
Zajaczkowo Windfarm Sp. z o. o.	2,429	2,663	28,318
PT. BHIMASENA POWER INDONESIA	1,397	3,997	42,500
SAHARA COOLING Ltd.	104	131	1,400
Okutadami Kanko Co., Ltd.	98	75	797
Kanda Eco Plant Co., Ltd.	33	14	153
Guarantees given in connection with housing loans to Company employees	3,130	2,736	29,099
Subtotal	9,690	11,473	121,992
Guarantees given to certain banks of the companies below for performance bonds under power purchase agreements			
Gulf JP UT Co., Ltd.	5,174	—	—
PT. BHIMASENA POWER INDONESIA	838	959	10,200
Subtotal	6,013	959	10,200
Guarantees on revenues from electricity sales (using an incremental unit price structure) of the companies below:			
J-Wind Co., Ltd.	456	—	—
Nikaho-kogen Wind Power Co., Ltd.	365	—	—
Subtotal	821	—	—
Guarantees to EPC contractors on EPC contracts of companies below:			
Gulf JP NS Co., Ltd.	4,931	4,796	51,000
PT. BHIMASENA POWER INDONESIA	1,901	4,972	52,870
Subtotal	6,832	9,768	103,870
Total	¥23,358	¥22,201	\$236,062

9. Provision of reserves

Provisions included in operating expenses for the years ended March 31, 2012 and 2013, were as follows:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Accrued employee retirement benefits	¥7,882	¥6,439	\$68,473

10. Operating expenses

Operating expenses (electric power) for the years ended March 31, 2012 and 2013, were summarized as follows:

Total

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Personnel expense	¥ 34,536	¥ 34,186	\$ 363,496
Fuel cost	249,421	250,887	2,667,595
Repair expense	52,915	53,665	570,604
Consignment cost	34,700	32,062	340,911
Taxes and duties	27,608	27,044	287,551
Depreciation and amortization cost	101,139	90,251	959,614
Others	53,551	54,096	575,193
Total	¥553,873	¥542,195	\$5,764,967

Selling, general and administrative expenses included in operating expenses (electric power) for the years ended March 31, 2012 and 2013, were as follows:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Personnel expense	¥22,952	¥22,537	\$239,635
Fuel cost	—	—	—
Repair expense	1,395	1,186	12,610
Consignment cost	7,647	6,856	72,899
Taxes and duties	748	826	8,786
Depreciation and amortization cost	2,025	1,968	20,928
Others	11,129	13,291	141,326
Total	¥45,898	¥46,666	\$496,187

11. Enterprise taxes

Most of the enterprise taxes of the Company and 13 consolidated subsidiaries that operate electric power business are imposed on operating revenues, except for certain enterprise taxes imposed on taxable income. Enterprise tax on operating revenues was included in operating expenses (electric power) in the amount of ¥7,823 million and ¥7,747 million (US\$82,380 thousand) for the years

ended March 31, 2012 and 2013, respectively. Regarding the enterprise tax for consolidated subsidiaries, the discounted value-added and discounted capital are included in "Operating expenses—Other," and revenues are included in income tax, excluding the 12 consolidated subsidiaries that operate electric power business.

12. Research and development costs

Research and development costs are presented in a total amount pursuant to the Accounting Standard for Research and Development Costs, etc. ("Opinion Concerning Establishment of Accounting Standard for Research and Development Costs, etc." issued by the Business Accounting Deliberation Council on March 13, 1998).

Research and development costs included in general and administrative expenses for the years ended March 31, 2012 and 2013 were as follows:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Research and development costs	¥5,534	¥5,488	\$58,354

13. Loss on impairment of fixed assets

The Company and subsidiaries base the grouping of their assets on the categories used in their management accounting, which maintains a continuous grasp of the balance of payments. (Power plants are grouped by business department and other property, plant and equipment are grouped by control management department or site.)

Due to the deterioration in the business environment and other factors, the Company examined the potential for future collection,

consequently determined that it would be difficult to collect on investments relating to special asset groups and therefore wrote the book value down to the level it would be possible to collect. Moreover, idle assets for which no immediate use was foreseen and others were grouped individually, depreciated to their recoverable value. The appropriate value reduction was booked as an impairment loss within the category of "Other expenses-Other." Loss on impairment of fixed assets was as follows:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Buildings and structures	¥ 33	¥ 10	\$ 110
Land	61	121	1,289
Machinery	851	48	518
Others	0	0	2
Total	¥946	¥180	\$1,920

(Calculation of the recoverable amount)

For the current consolidated fiscal year, the recoverable value of the idle assets concerned was measured according to their net sale value; assets slated for sale are recorded by their expected sale value, while other assets were appraised at value reflecting their appropriate market pricing on fixed assets.

For the previous consolidated fiscal year, the recoverable value of specified asset groups during the current consolidated fiscal

year was measured according to value of use and calculated at a 2.34% and 2.26% discount to future cash flow. The recoverable value of the idle assets concerned was measured according to their net sale value; assets slated for sale are recorded by their expected sale value, while other assets were appraised at value reflecting their appropriate market pricing on fixed assets.

14. Disaster recovery expenses

For the previous consolidated fiscal year, the Company booked losses of ¥3,382 million as disaster recovery expenses due to a fire at the Company's Isogo Thermal Power Plant on November 24,

2011. The breakdown of the losses was ¥2,513 million for the restoration and removal of damaged equipment and ¥869 million for other disaster-related expenses.

15. Consolidated statements of comprehensive income

Reclassification adjustments and tax effects relating to other comprehensive income for the years ended March 31, 2012 and 2013 are as follows:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Unrealized gain on available-for-sale securities, net			
Amount accrued for the current year	¥ (1,429)	¥ 7,169	\$ 76,234
Reclassification adjustment	1,110	327	3,481
Amount before tax effect	(319)	7,497	79,715
Tax effect	(320)	(1,890)	(20,096)
Unrealized gain on available-for-sale securities, net	(640)	5,607	59,619
Deferred hedging gain and loss			
Amount accrued for the current year	(5,734)	(12,276)	(130,527)
Reclassification adjustment	(12)	8,916	94,804
Amount before tax effect	(5,747)	(3,359)	(35,723)
Tax effect	960	362	3,854
Deferred hedging gain and loss	(4,786)	(2,997)	(31,868)
Foreign currency translation adjustments			
Amount accrued for the current year	(4,213)	15,313	162,820
Reclassification adjustment	20	(477)	(5,075)
Amount before tax effect	(4,192)	14,835	157,744
Foreign currency translation adjustments	(4,192)	14,835	157,744
Share of other comprehensive income of associates accounted for using equity method			
Amount accrued for the current year	(5,457)	9,524	101,272
Reclassification adjustment	560	348	3,705
Share of other comprehensive income of associates accounted for using equity method	(4,897)	9,873	104,978
Other comprehensive income	¥(14,516)	¥27,319	\$290,473

16. Dividends from the surplus

The following dividend from the surplus of the Company, which has not been reflected in the accompanying consolidated financial statements for the year ended March 31, 2013, was approved at the general meeting of the shareholders held on June 25, 2013:

	Millions of yen	Thousands of U.S. dollars
Cash dividends (¥35 (US\$0.37) per share)	¥5,251	\$55,840

17. Cash and cash equivalents

The reconciliation between cash and bank deposits in the accompanying consolidated balance sheets and cash and cash equivalents in the accompanying consolidated statements of cash flows for the years ended March 31, 2012 and 2013 was as follows:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Cash and bank deposits on the consolidated balance sheets	¥35,112	¥49,283	\$524,010
Time deposits with a maturity of more than three months	(602)	(788)	(8,380)
Marketable securities with a redemption period of three months or less from the date of acquisition, included in the short-term investments account	850	400	4,253
Cash and cash equivalents on the consolidated statements of cash flows	¥35,359	¥48,894	\$519,882

18. Financial instruments

(1) Status of financial instruments

a. Policy for financial instruments

The Company formulates funds procurement plans based on demand for funding of capital expenditures related to the wholesale electricity business, investment in the overseas power generation business, and other businesses. The requisite funds are then procured (mainly from the issue of bonds and loans from financial institutions). Funds temporarily in excess are invested in financial assets with a high degree of safety. The Company also procures funds for short-term working capital through borrowings and the issue of commercial paper. Derivatives are used to avoid the risks noted below and it is corporate policy not to engage in speculative transactions.

b. Types of financial instruments and related risk

Notes and accounts receivable are operating receivables exposed to client credit risk. Marketable securities held as long-term investments are shares, etc. related to business or capital ties with the partner companies to the transactions and are exposed to the risk of fluctuation in market prices. Short-term investments consist primarily of domestic CDs (transferable deposits) and are exposed to bank credit risk.

Notes and accounts payable are operating liabilities and nearly all have a payment term of one year or less. Also included among operating liabilities are foreign currency transactions for fuel and other imports and these are exposed to currency fluctuation risk; however, part of this is hedged through the use of foreign exchange forward contracts. Loans and bonds are used mainly for the procurement of funds required for capital investment. The redemption term of bonds is 17 years at the longest after the fiscal year settlement date. Some of these have variable interest rates and are thus exposed to interest rate fluctuation risk; however, this is hedged through the use of derivatives transactions (interest rate swaps).

Derivatives transactions consist mainly of transactions involving foreign exchange forward contracts to hedge the risk of currency fluctuation accompanying operating receivables and payables denominated in foreign currencies, interest rate swaps designed to hedge the risk of interest rate fluctuations for loans and bonds, and commodity swaps designed to hedge the risk of fluctuation in commodity prices. Please see section “j. Derivative financial instruments and hedge accounting” under “2. (3) Accounting policies” mentioned above for the hedging methods, hedging targets, hedging policies and methods for appraising hedging effectiveness, etc.

c. Risk management for financial instruments

Monitoring of credit risk (the risk that customers or counterparties may default)

In accordance with the Rules on Management of Sales, etc., each division of the Company monitors the due dates and balances of operating receivables for each transacting partner and also maintains a perpetual grasp of changes in the state of management, etc. for these companies. Consolidated subsidiaries also follow the Rules on Management of Sales, etc. and manage

business affairs in the same manner. Please note that credit risk is minimal for the wholesale electric power business since transactions are conducted mainly with the 10 electric power companies, which have high credit ratings.

When derivative transactions are used, they are conducted only with financial and other institutions with bearing high credit ratings to mitigate counterparty risk.

The largest amount of credit risk as of the consolidated fiscal year-end is shown in the value of financial assets exposed to credit risk on the consolidated balance sheet.

Monitoring of market risks (the risks arising from fluctuations in foreign exchange rates, interest rates and others)

The Company and some of its consolidated subsidiaries generally employ foreign exchange forward contracts to hedge the risk of currency fluctuations for foreign-denominated operating receivables and payables, as determined on a monthly basis, by currency. The Company and some of its consolidated subsidiaries also employ interest rate swaps to avoid the risk of fluctuation in interest rates on loans and bonds. The Company engages in commodity swaps to obviate the risk of fluctuation in commodity prices as well.

The board of directors sets the maximum limits for derivatives transactions by purpose, based on the Guidelines for Handling Derivatives Transactions. These transactions are handled within those confines and the Accounting & Finance Department verifies the balances with the contracting parties. Transaction results are reported to the board of directors every six months as a general rule (quarterly for new transactions). Consolidated subsidiaries also adhere to the corporate Guidelines for Handling Derivatives Transactions in managing derivatives.

Monitoring of liquidity risk (the risk that the Company may not be able to meet obligations on scheduled due dates)

The Accounting & Finance Department formulates and updates financing plans in a timely manner based on reports from the various departments and manages liquidity risk through issuance of commercial paper and other means.

d. Supplemental explanation of the estimated fair value of financial instruments

Market valuation of financial instruments includes not only values based on market prices, but also values calculated in a reasonable manner for instruments that do not have a market price. Calculation of such values incorporates factors that fluctuate so values may fluctuate with the employment of different underlying assumptions and other factors. Moreover, contract amounts of derivatives transactions in “(2) Estimated fair value of financial instruments” do not indicate the market risk related to the derivatives transactions, in and of themselves.

e. Concentration of credit risk

As of March 31, 2013, 81% of the operating receivables were from the 10 electric power companies.

(2) Estimated fair value of financial instruments

The book values, fair value, and differences between those recorded on the consolidated balance sheet are as follows. Please note that instruments for which it is extremely difficult to ascertain a fair

value are not included in the following table (see “b. Financial instruments for which it is extremely difficult to determine the fair value”).

As of March 31, 2012	Millions of yen		
	Carrying value	Estimated fair value	Difference
Cash and bank deposits	¥ 35,112	¥ 35,112	—
Notes and accounts receivable	59,283	59,283	—
Short-term investments	1,331	1,331	—
Marketable securities and investment securities	23,819	23,819	—
Available-for-sale securities* ¹	23,819	23,819	—
Total assets	119,546	119,546	—
Notes and accounts payable	20,011	20,011	—
Short-term loans	18,443	18,443	—
Commercial paper	12,999	12,999	—
Bonds* ²	734,914	756,421	¥(21,506)
Long-term loans* ²	667,926	680,002	(12,075)
Total liabilities	1,454,294	1,487,877	¥(33,582)
Derivatives transactions* ³			
Transactions not subject to hedge accounting	177	177	—
Transactions subject to hedge accounting	(2,962)	(2,962)	—
Total derivatives transactions	¥ (2,784)	¥ (2,784)	—

*1 Includes in long-term investments on the consolidated balance sheet.

*2 Includes bonds and long-term loans due within one year.

*3 Indicates the net amount of receivables and payables incurred for derivatives transactions.

As of March 31, 2013	Millions of yen			Thousands of U.S. dollars		
	Carrying value	Estimated fair value	Difference	Carrying value	Estimated fair value	Difference
Cash and bank deposits	¥ 49,283	¥ 49,283	—	\$ 524,010	\$ 524,010	—
Notes and accounts receivable	61,644	61,644	—	655,444	655,444	—
Short-term investments	402	402	—	4,278	4,278	—
Marketable securities and investment securities	29,343	29,343	—	311,996	311,996	—
Available-for-sale securities* ¹	29,343	29,343	—	311,996	311,996	—
Total assets	140,673	140,673	—	1,495,731	1,495,731	—
Notes and accounts payable	25,049	25,049	—	266,345	266,345	—
Short-term loans	18,475	18,475	—	196,447	196,447	—
Commercial paper	3,999	3,999	—	42,529	42,529	—
Bonds* ²	754,929	788,935	¥(34,005)	8,026,897	8,388,464	\$(361,566)
Long-term loans* ²	744,130	770,146	(26,016)	7,912,077	8,188,697	(276,619)
Total liabilities	1,546,586	1,606,607	¥(60,021)	16,444,298	17,082,484	\$(638,186)
Derivatives transactions* ³						
Transactions not subject to hedge accounting	(1,687)	(1,687)	—	(17,939)	(17,939)	—
Transactions subject to hedge accounting	(5,655)	(5,655)	—	(60,133)	(60,133)	—
Total derivatives transactions	¥ (7,342)	¥ (7,342)	—	\$ (78,072)	\$ (78,072)	—

*1 Includes in long-term investments on the consolidated balance sheet.

*2 Includes bonds and long-term loans due within one year.

*3 Indicates the net amount of receivables and payables incurred for derivatives transactions.

a. Methods to determine the estimated fair value of financial instruments and other matters related to securities and derivative transactions

Assets:

- ① Cash and bank deposits, notes and accounts receivable, and short-term investments (transferable deposits, etc.)
Since these are settled within a short period of time, the fair value is almost the same as the book value so the carrying value is used.
- ② Investment securities
The fair value of shares is based on quoted market prices. For information on securities by holding purposes, please refer to "Note 19. Securities."

Liabilities:

- ③ Notes and accounts payable, short-term loans, and commercial paper
Since these are settled within a short period of time, the fair value is nearly equivalent to the book value so the Company uses the book value.
- ④ Bonds
The fair value of bonds issued by the Company is calculated by taking the current value of the sum of the principal and interest or, in cases subject to special handling with interest rate swaps, the total principal and interest with the interest rate swap combined, discounted by an interest rate which takes the time remaining on the bonds and the credit risk into consideration.
- ⑤ Long-term loans
The fair value of long-term loans is calculated by taking the current value of the sum of the principal and interest or, in cases subject to special handling with interest rate swaps, the total principal and interest with the interest rate swaps combined, discounted by the assumed interest rate for an equivalent level of new borrowing.

Derivatives transactions:

Refer to "Note 20. Derivative transactions."

b. Financial instruments for which it is extremely difficult to determine the fair value

Amounts booked on the consolidated balance sheet

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Unlisted shares (excluding shares sold on the OTC market)	¥12,047	¥12,038	\$127,998
Unlisted foreign shares	11,171	11,415	121,379
Capital contribution	1,668	1,664	17,699
Foreign capital contribution	9,231	10,691	113,679
Other	1,010	—	—

The above do not have a market value and estimation of future cash flows from them would incur substantial cost for estimating fair value. Therefore, they are not included in the table which compares the carrying value and estimated fair value. Please note that the shares of non-consolidated subsidiaries and affiliates have been omitted from the table above because they are listed under

"4. Long-term investments in non-consolidated subsidiaries and affiliated companies."

c. Redemption schedule for receivables and marketable with maturities

	Millions of yen
	Due in one year or less
As of March 31, 2012	
Cash and bank deposits*	¥35,112
Notes and accounts receivable	59,283
Short-term investments	1,331
Marketable securities and investment securities	
Available-for-sale securities with maturities	—
Total	¥95,726

* Amounts in cash and bank deposits to be redeemed within one year include cash.

	Millions of yen	Thousands of U.S. dollars
	Due in one year or less	Due in one year or less
As of March 31, 2013		
Cash and bank deposits*	¥ 49,283	\$ 524,010
Notes and accounts receivable	61,644	655,444
Short-term investments	402	4,278
Marketable securities and investment securities		
Available-for-sale securities with maturities	—	—
Total	¥111,330	\$1,183,734

* Amounts in cash and bank deposits to be redeemed within one year include cash.

d. Bonds, long-term loans, and other interest-bearing debt scheduled for repayment after consolidated fiscal year-end

	Millions of yen			
	Short-term loans	Commercial paper	Bonds	Long-term loans
As of March 31, 2012				
Due in one year or less	¥18,443	¥12,999	¥ 20,000	¥145,518
Due after one year through two years	—	—	60,000	134,820
Due after two years through three years	—	—	80,000	116,439
Due after three years through four years	—	—	60,000	87,741
Due after four years through five years	—	—	90,000	31,752
Due after five years	—	—	425,000	151,654

	Millions of yen				Thousands of U.S. dollars			
	Short-term loans	Commercial paper	Bonds	Long-term loans	Short-term loans	Commercial paper	Bonds	Long-term loans
As of March 31, 2013								
Due in one year or less	¥18,475	¥3,999	¥ 60,000	¥135,153	\$196,447	\$42,529	\$ 637,958	\$1,437,043
Due after one year through two years	—	—	80,000	119,284	—	—	850,611	1,268,310
Due after two years through three years	—	—	60,000	88,968	—	—	637,958	945,973
Due after three years through four years	—	—	90,000	34,935	—	—	956,937	371,451
Due after four years through five years	—	—	170,000	32,803	—	—	1,807,549	348,791
Due after five years	—	—	295,000	332,984	—	—	3,136,629	3,540,508

19. Securities

a. Available-for-sale securities

Instruments for which the amount booked on the consolidated balance sheet exceeds the acquisition cost

	Type	Millions of yen		Thousands of U.S. dollars
		2012	2013	2013
Acquisition cost	Stocks	¥4,088	¥ 9,883	\$105,087
Amount booked on the consolidated balance sheet	Stocks	6,429	16,050	170,660
Unrealized gain		¥2,340	¥ 6,167	\$ 65,573

Instruments for which the amount booked on the consolidated balance sheet does not exceed the acquisition cost

	Type	Millions of yen		Thousands of U.S. dollars
		2012	2013	2013
Acquisition cost	Stocks	¥20,884	¥14,711	\$156,423
Amount booked on the consolidated balance sheet	Stocks	17,389	13,292	141,335
Unrealized gain		¥ (3,494)	¥ (1,418)	\$ (15,087)

b. Available-for-sale securities sold during the previous consolidated fiscal year

	Millions of yen		Millions of yen
	Proceeds from sale	Gain on sale	Loss on sale
Stocks	¥1,961	¥685	¥4

c. Available-for-sale securities recognized as impairment loss

For the previous consolidated fiscal year, an impairment loss of ¥1,790 million was recognized for stocks in available-for-sale securities.

For the current consolidated fiscal year, an impairment loss of ¥240 million (US\$2,555 thousand) was recognized for stocks in available-for-sale securities.

20. Derivatives transactions

Derivatives transactions for the years ended March 31, 2012 and 2013 are as follows:

(1) Derivatives transactions not subject to hedge accounting

a. Currencies

	Millions of yen			
	Contract value, etc. Total value	Portion over one year	Fair value	Valuation gain/loss
As of March 31, 2012				
Transactions other than market transactions*1				
Forward exchange contracts, short positions	¥13,235	¥6,376	¥177	¥177
Total	¥13,235	¥6,376	¥177	¥177

*1 The market price is calculated according to the forward exchange rate.

	Millions of yen				Thousands of U.S. dollars			
	Contract value, etc. Total value	Portion over one year	Fair value	Valuation gain/loss	Contract value, etc. Total value	Fair value	Valuation gain/loss	
As of March 31, 2013								
Transactions other than market transactions*1								
Forward exchange contracts, short positions	¥31,082	¥5,652	¥(1,687)	¥(1,687)	\$330,491	\$60,100	\$(17,939)	\$(17,939)
Total	¥31,082	¥5,652	¥(1,687)	¥(1,687)	\$330,491	\$60,100	\$(17,939)	\$(17,939)

*1 The market price is calculated according to the forward exchange rate.

(2) Derivatives transactions subject to hedge accounting

	Millions of yen						Thousands of U.S. dollars		
	2012			2013			2013		
	Contract value, etc.		Fair value	Contract value, etc.		Fair value	Contract value, etc.		Fair value
Total value	Portion over one year	Total value		Portion over one year	Total value		Portion over one year		
(General settlement method)									
Foreign-currency-denominated debts and receivables									
Foreign exchange forward contracts transactions* ²	¥ 7,625	—	¥ 135	¥ 165	—	¥ (50)	\$ 1,757	—	\$ (536)
Bonds and loans									
Interest rate swaps pay/fixed, receive/floating* ³	56,149	¥ 55,809	(3,114)	105,391	¥104,954	(4,962)	1,120,592	\$1,115,944	(52,767)
Interest rate collar transactions* ³	12,904	12,904	(542)	17,912	17,912	273	190,461	190,461	(2,911)
Commodity									
Commodity swaps, pay/fixed, receive/floating* ³	51,917	—	559	24,194	—	(368)	257,250	—	(3,916)
(Special interest rate swaps)									
Bonds and loans									
Interest rate swaps, pay/fixed, receive/floating	264,000	200,700	(*) ⁴	263,335	254,785	(*) ⁴	2,799,946	2,709,037	(*) ⁴
Interest rate swaps, pay/floating, receive/fixed	40,000	20,000	(*) ⁴	20,000	20,000	(*) ⁴	212,652	212,652	(*) ⁴
(Allocation of foreign exchange forward contracts, etc.)									
Foreign-currency-denominated debt and receivables									
Foreign exchange forward contracts transactions* ²	—	—	—	—	—	—	—	—	—
Total	¥432,597	¥289,414	¥(2,962)	¥430,999	¥397,652	¥(5,655)	\$4,582,661	\$4,228,096	\$(60,133)

*² The fair value is calculated according to the forward exchange rate.

*³ The fair value is calculated according to the price, etc. specified by the transacting financial institution.

*⁴ Transactions subject to special interest rate swaps are settled as a combined sum with the long-term loan or bonds being hedged so the fair value is included in the fair value of the long-term loan or bonds in question.

21. Employee retirement benefit plans

The Company and certain of its domestic consolidated subsidiaries have defined benefit plans, including defined benefit corporate pension plans and lump-sum retirement benefit plans. Premium severance payments in addition to the retirement benefit plans may be paid to employees upon retirement.

Retirement benefit obligations as of March 31, 2012 and 2013 were as follows:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Retirement benefit obligation	¥(133,352)	¥(136,732)	\$(1,453,824)
Plan assets at fair value	73,440	79,844	848,955
Unfunded retirement benefit obligation	(59,912)	(56,887)	(604,869)
Unrecognized actuarial loss	2,054	(2,036)	(21,650)
Unrecognized prior service cost* ¹	(158)	(88)	(943)
Accrued employee retirement benefits	¥ (58,015)	¥ (59,012)	\$ (627,463)

*¹ Prior service cost (reduction in liabilities) occurred for the fiscal year ended March 31, 2005 due to a change in the method of calculation attendant to the change in the system for some consolidated subsidiaries.

*² Some consolidated subsidiaries use the simplified method for calculating retirement benefit obligations.

Retirement benefit expenses for the years ended March 31, 2012 and 2013 were as follows:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Service cost**4	¥5,016	¥4,987	\$53,028
Interest cost	2,549	2,532	26,921
Expected return on pension assets	(1,371)	(1,376)	(14,632)
Amortization of prior service cost**3	(69)	(69)	(737)
Amortization of actuarial gain or loss	2,161	801	8,523
Additional severance payments, etc.	219	955	10,159
Total	¥8,507	¥7,830	\$83,263

*3 The amount of the amortization for the current consolidated fiscal year pertaining to the prior service cost.

*4 The retirement benefit expenses for consolidated subsidiaries using the simplified method are included in Service cost.

The principal assumptions used in determining the retirement benefit obligations and other components of the retirement benefit plans of the Company and its subsidiaries for the years ended March 31, 2012 and 2013 were as follows:

	2012	2013
Method of allocation of estimated retirement benefits	Equally over the period	Equally over the period
Discount rate	Mainly 2.0%	Mainly 2.0%
Expected rate of return on plan assets	Mainly 2.0%	Mainly 2.0%
Amortization of actuarial gain or loss	Mainly amortized by the declining-balance method over a period of two years from the consolidated fiscal year following the fiscal year incurred	Mainly amortized by the declining-balance method over a period of two years from the consolidated fiscal year following the fiscal year incurred
Amortization of prior service cost	Mainly amortized by the straight-line method over a period of two years	Mainly amortized by the straight-line method over a period of two years

22. Income taxes

Income taxes applicable to the Company and its consolidated subsidiaries comprise corporate income tax, inhabitant tax and enterprise tax, which, in the aggregate, resulted in statutory tax rates of approximately 36% and 40-42%, respectively, for the Company and its consolidated subsidiaries engaged in the electric power business, and other consolidated subsidiaries for the year ended March 31, 2012. Income taxes applicable to the Company and its consolidated subsidiaries resulted in statutory tax rates of approximately 33% and 37-39%, respectively, for the Company and its consolidated subsidiaries engaged in the electric power business, and other consolidated subsidiaries for the year ended March 31, 2013.

The significant components of deferred tax assets and liabilities as of March 31, 2012 and 2013 were as follows:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Deferred tax assets:			
Excess of accrued employee retirement benefits	¥22,048	¥20,312	\$215,971
Tax effect on elimination of unrealized gain on fixed assets	13,497	13,015	138,384
Excess of depreciation of fixed assets	6,184	5,709	60,708
Amount assigned for bonuses, etc. but not yet paid	2,648	2,638	28,053
Excess of amortization of deferred assets for tax purposes	1,581	1,403	14,925
Excess of reserve for fluctuation in water levels	259	141	1,509
Other	37,257	37,842	402,360
Subtotal of deferred tax assets	83,476	81,063	861,914
Valuation allowance	(16,339)	(15,915)	(169,218)
Total deferred tax assets	67,136	65,148	692,695
Deferred tax liabilities:			
Other	(14,271)	(18,294)	(194,522)
Total deferred tax liabilities	(14,271)	(18,294)	(194,522)
Net deferred tax assets	¥52,864	¥46,853	\$498,173

The breakdown of the main items which caused the difference in the statutory tax rate and the contribution rate of corporate tax after the application of tax effect accounting in the year ended March 31, 2012 was as follows:

	2012
Statutory tax rates	36.00%
(adjusted)	
Downward adjustment of deferred tax assets due to change in tax rate	17.69%
Investment profit/loss based on the equity method	(10.36%)
Valuation allowance	6.16%
Non-deductible expenses	3.23%
Others	(0.60%)
Contribution rate of corporate tax after application of tax effect accounting	52.12%

For the current consolidated fiscal year, the breakdown of the difference was not provided as the difference between the statutory tax rates and the contribution rate of corporate tax after application of tax effect accounting was 5% or less.

23. Shareholders' equity

The corporate law provides that an amount equal to at least 10% of the amount to be disbursed as dividends, or the total of the additional paid-in capital and the legal reserves from 25% of the common stock, whichever is less, be deducted and appropriated into the additional paid-in capital or a legal reserve.

The legal reserves are included in retained earnings in the accompanying consolidated financial statements.

The limit allowed for dividends (potential dividend amount) is calculated as set forth in the Company's individual financial statements in accordance with the corporate law.

The additional paid-in capital and the legal reserves are not included with the potential dividend amount, but under the corporate law, they can be switched to the potential dividend amount by a resolution at the general meeting of shareholders.

The basic guideline is that the Company's surplus funds are distributed twice per year as an interim dividend by a resolution of the board of directors and a term-end dividend by resolution of the general meeting of shareholders.

24. Segment information

a. Overview of reportable segments

The reportable segments of the J-POWER Group are components for which discrete financial information is available and whose operating results are regularly reviewed by the Executive Committee to make decisions about resource allocation and to assess performance.

The Group is composed of J-Power, 71 subsidiaries and 100 affiliates (as of March 31, 2013) and is separated into 4 reportable segments of Electric Power Business, centered on the wholesale electric power business, and composed of wind power generation businesses, the wholesale electricity supply to the electric power companies by IPPs, and the wholesale electricity supply to PPSs; Electric Power Related Business which augments the Electric Power

Business and facilitates the smooth execution of electric power businesses; Overseas Business which operates power generation businesses and related businesses overseas and Other Businesses which utilizes the group's management resources and know-how in coal sales businesses and other businesses.

b. Method of calculating amount of sales, income or loss, assets and other items in reportable segments

The method of accounting for reportable segments is the same as stated in "2. (3) Accounting policies." The income of reportable segments is based on ordinary income. Intersegment internal revenues and transferred amounts are based on current market prices.

c. Information concerning amounts in sales, income or loss, assets and others for each reportable segment

	Millions of yen						
	2012						
	Electric power	Electric power-related	Overseas	Other	Total	Adjustments and eliminations*1	Consolidated**2
Sales to external customers	¥ 609,775	¥ 23,133	¥ 2,005	¥19,686	¥ 654,600	—	¥ 654,600
Inter-segment sales and transfer	3,151	318,199	—	2,669	324,020	¥(324,020)	—
Total sales	612,927	341,332	2,005	22,355	978,620	(324,020)	654,600
Segment income (loss)	22,290	8,373	3,499	(3)	34,159	2,460	36,619
Segment assets	1,730,754	170,665	212,117	9,798	2,123,336	(106,941)	2,016,394
Other items							
Depreciation and amortization	104,344	3,514	55	521	108,436	(3,164)	105,271
Amortization of goodwill	51	—	—	—	51	—	51
Interest income	285	98	687	7	1,077	(109)	968
Interest expenses	20,841	127	1,098	48	22,115	(109)	22,005
Equity income of affiliates (loss)	337	—	9,228	—	9,565	—	9,565
Investment in affiliates	6,094	—	98,297	—	104,391	—	104,391
Increase in the tangible and intangible fixed assets	¥ 68,286	¥ 7,119	¥ 62,548	¥ 340	¥ 138,296	¥ (570)	¥ 137,725

	Millions of yen						
	2013						
	Electric power	Electric power-related	Overseas	Other	Total	Adjustments and eliminations*1	Consolidated**2
Sales to external customers	¥ 605,338	¥ 26,599	¥ 1,647	¥22,471	¥ 656,056	—	¥ 656,056
Inter-segment sales and transfer	2,694	319,228	—	2,279	324,202	¥(324,202)	—
Total sales	608,033	345,828	1,647	24,750	980,259	(324,202)	656,056
Segment income (loss)	31,088	9,099	3,907	986	45,082	(256)	44,825
Segment assets	1,759,602	196,476	319,736	12,841	2,288,657	(118,748)	2,169,909
Other items							
Depreciation and amortization	93,163	4,498	84	492	98,239	(2,984)	95,254
Amortization of goodwill	44	—	—	—	44	—	44
Interest income	671	98	533	6	1,309	(114)	1,195
Interest expenses	20,857	91	1,479	49	22,476	(114)	22,362
Equity income of affiliates	642	—	11,085	—	11,728	—	11,728
Investment in affiliates	6,966	—	110,905	—	117,872	—	117,872
Increase in the tangible and intangible fixed assets	¥ 69,390	¥ 46,713	¥ 60,175	¥ 494	¥ 176,774	¥ (1,667)	¥ 175,106

Thousands of U.S. dollars

	2013						Consolidated**
	Electric power	Electric power-related	Overseas	Other	Total	Adjustments and eliminations* ¹	
Sales to external customers	\$ 6,436,349	\$ 282,821	\$ 17,513	\$ 238,929	\$ 6,975,614	—	\$ 6,975,614
Inter-segment sales and transfer	28,653	3,394,247	—	24,233	3,447,134	\$(3,447,134)	—
Total sales	6,465,002	3,677,069	17,513	263,163	10,422,748	(3,447,134)	6,975,614
Segment income (loss)	330,549	96,749	41,549	10,493	479,342	(2,728)	476,613
Segment assets	18,709,225	2,089,065	3,399,645	136,543	24,334,480	(1,262,608)	23,071,872
Other items							
Depreciation and amortization	990,575	47,829	896	5,240	1,044,541	(31,728)	1,012,812
Amortization of goodwill	468	—	—	—	468	—	468
Interest income	7,140	1,045	5,670	72	13,928	(1,214)	12,713
Interest expenses	221,766	967	15,729	523	238,987	(1,214)	237,772
Equity income of affiliates	6,832	—	117,872	—	124,704	—	124,704
Investment in affiliates	74,075	—	1,179,221	—	1,253,296	—	1,253,296
Increase in the tangible and intangible fixed assets	\$ 737,801	\$ 496,686	\$ 639,827	\$ 5,262	\$ 1,879,577	\$ (17,730)	\$ 1,861,846

*1 The breakdown of adjustments and elimination is as follows.

- (1) The amount of adjustments to segment income (loss) (¥2,460 million and -¥256 million (-US\$2,728 thousand) for the fiscal years ended March 31, 2012 and 2013, respectively) includes elimination of intersegment transactions (¥1,708 million and ¥868 million (US\$9,233 thousand) for the fiscal years ended March 31, 2012 and 2013, respectively).
- (2) The amount of adjustments for segment assets (-¥106,941 million and -¥118,748 million (-US\$1,262,608 thousand) for the fiscal years ended March 31, 2012 and 2013, respectively) includes the offset of receivables (-¥106,350 million and -¥114,939 million (-US\$1,222,112 thousand) for the fiscal years ended March 31, 2012 and 2013, respectively).
- (3) Adjustments to depreciation and amortization expenses (-¥3,164 million and -¥2,984 million (-US\$31,728 thousand) for the fiscal years ended March 31, 2012 and 2013, respectively) include elimination of intersegment transactions (-¥3,159 million and -¥2,963 million (-US\$31,507 thousand) for the fiscal years ended March 31, 2012 and 2013, respectively).
- (4) Intersegment transactions have been eliminated from the adjustments for increases in interest income, interest expenses, tangible fixed assets, and intangible fixed assets.

*2 Segment income is reconciled to ordinary income in the consolidated statements of income.

d. Regional information

Operating revenue

Since sales to external customers in Japan during the consolidated fiscal years ended March 31, 2012 and 2013 account for more than 90% of operating revenue in the consolidated statements of income, geographic segment information is not presented.

Tangible fixed assets

	Millions of yen	Thousands of U.S. dollars
	2013	2013
Japan	¥1,382,213	\$14,696,586
Others	171,716	1,825,802
Total	¥1,553,930	\$16,522,388

Since tangible fixed assets located in Japan during the consolidated fiscal year ended March 31, 2012 account for more than 90% of tangible fixed assets in the consolidated balance sheet, geographic segment information is not presented.

Information regarding main customers

	Related segment	Millions of yen		Thousands of U.S. dollars
		2012	2013	2013
The Chugoku Electric Power Company, Incorporated	Electric power business	¥127,245	¥129,880	\$1,380,967
The Tokyo Electric Power Company, Incorporated	Electric power business	123,419	124,877	1,327,781
The Kansai Electric Power Company, Incorporated	Electric power business	112,470	107,828	1,146,497
Kyushu Electric Power Company, Incorporated	Electric power business	¥ 68,718	¥ 68,907	\$ 732,667

e. Impairment losses on fixed assets in reportable segments

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Loss on impairment of fixed assets			
Electric power business	¥851	¥ 10	\$ 112
Electric power-related business	—	0	4
Overseas business	—	—	—
Other business	95	169	1,804
Total	¥946	¥180	\$1,920

25. Related party transactions

During the fiscal years ended March 31, 2012 and 2013, a key affiliate is Gulf Power Generation Co., Ltd. The abbreviated financial information for this company is shown below:

	Millions of yen		Thousands of U.S. dollars
	2012	2013	2013
Total current assets	¥23,898	¥31,815	\$338,285
Total fixed assets	59,248	63,327	673,343
Total current liabilities	10,085	12,723	135,287
Total long-term liabilities	31,488	29,706	315,858
Total net assets	41,572	52,713	560,483
Revenues	55,504	83,608	888,983
Net income before taxes	7,452	11,120	118,241
Net income	¥ 7,452	¥11,120	\$118,241

26. Significant subsequent event

There was no significant subsequent event for the year ended March 31, 2013.

Independent Auditor's Report

The Board of Directors Electric Power Development Co., Ltd.

We have audited the accompanying consolidated financial statements of Electric Power Development Co., Ltd. and its consolidated subsidiaries, which comprise the consolidated balance sheet as at March 31, 2013, and the consolidated statements of income, comprehensive income, changes in net assets, and cash flows for the year then ended and a summary of significant accounting policies and other explanatory information, all expressed in Japanese yen.

Management's Responsibility for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with accounting principles generally accepted in Japan, and for designing and operating such internal control as management determines is necessary to enable the preparation and fair presentation of the consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these consolidated financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in Japan. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. The purpose of an audit of the consolidated financial statements is not to express an opinion on the effectiveness of the entity's internal control, but in making these risk assessments the auditor considers internal controls relevant to the entity's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of Electric Power Development Co., Ltd. and its consolidated subsidiaries as at March 31, 2013, and their consolidated financial performance and cash flows for the year then ended in conformity with accounting principles generally accepted in Japan.

Convenience Translation

We have reviewed the translation of these consolidated financial statements into U.S. dollars, presented for the convenience of readers, and, in our opinion, the accompanying consolidated financial statements have been properly translated on the basis described in Notes 1 and 2.

June 26, 2013
Tokyo, Japan

Ernst Young Shinikon LLC



Electric Power Development Co., Ltd.

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