## FINANCIAL SECTION

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### SIX-YEAR SUMMARY

|  |           |           | Milli     | ons of yen                            |         |         | Thousand of<br>U.S. dollars |
|--|-----------|-----------|-----------|---------------------------------------|---------|---------|-----------------------------|
|  | 2006      | 2007      | 2008      | 2009                                  | 2010    | 2011    | 2011                        |
| For the year:  |           | 1         | •         | · · · · · · · · · · · · · · · · · · · |         |         |                             |
| Net sales  | 872,535   | 1,104,709 | 1,174,247 | 1,032,807                             | 809,693 | 925,754 | 11,153,663                  |
| Cost of sales  | 722,575   | 930,399   | 1,002,410 | 899,409                               | 679,403 | 773,499 | 9,319,265                   |
| Selling, general and administrative expenses                   | 112,529   | 120,676   | 123,390   | 123,646                               | 109,968 | 117,111 | 1,410,976                   |
| Operating income   | 37,430    | 53,632    | 48,447    | 9,752                                 | 20,322  | 35,144  | 423,422                     |
| Operating income Ratio (%)                                     | 4.3       | 4.9       | 4.1       | 0.9                                   | 2.5     | 3.8     | -                           |
| Provision for Income taxes                                     | 15,780    | 23,403    | 11,466    | 12,732                                | 1,371   | 5,422   | 65,325                      |
| Income (loss) before income taxes and minority interests       | 44,542    | 57,986    | 31,034    | -30,896                               | 10,947  | 23,586  | 284,169                     |
| Net income (loss)  | 25,508    | 29,765    | 15,291    | -37,405                               | 9,704   | 12,213  | 147,145                     |
| Research and development costs                                 | 18,017    | 19,976    | 19,789    | 19,895                                | 17,270  | 18,296  | 220,434                     |
| Capital expenditure and cash flow                              | 30,886    | 41,833    | 45,264    | 41,275                                | 25,433  | 27,947  | 336,711                     |
| Depreciation   | 36,943    | 37,903    | 42,128    | 46,933                                | 42,461  | 40,396  | 486,699                     |
| At year-end:   |           |           |           |                                       |         |         |                             |
| Total assets   | 1,052,256 | 1,096,708 | 1,014,778 | 845,658                               | 835,819 | 826,944 | 9,963,180                   |
| Net assets   | 286,701   | 316,302   | 294,982   | 190,429                               | 208,929 | 215,905 | 2,601,265                   |
| Total current assets   | 483,171   | 531,584   | 501,436   | 397,264                               | 400,498 | 419,808 | 5,057,928                   |
| Property, plant and equipment, net of accumulated depreciation | 325,325   | 337,679   | 338,227   | 312,073                               | 291,189 | 273,025 | 3,289,458                   |
| Total current liabilities                                      | 430,205   | 454,690   | 419,175   | 332,374                               | 332,315 | 338,861 | 4,082,662                   |
| Interest-bearing debt  | 435,346   | 428,173   | 399,050   | 383,114                               | 362,088 | 341,619 | 4,115,891                   |
| Cash frow:   |           |           |           |                                       |         |         |                             |
| Cash flows from operating activities                           | 22,719    | 50,724    | 90,760    | 78,728                                | 36,668  | 37,121  | 447,241                     |
| Cash flows from investing activities                           | 11,133    | -29,612   | -52,113   | -51,267                               | -25,113 | -21,382 | -257,614                    |
| Cash flows from financing activities                           | -46,782   | -20,694   | -41,581   | -14,553                               | -23,582 | -18,317 | -220,687                    |
| Cash and Cash Equivalents                                      | 41,567    | 45,863    | 43,828    | 53,453                                | 40,808  | 37,647  | 453,579                     |
| Per share date:  |           |           |           |                                       |         |         |                             |
| Net income   | 36.94     | 42.16     | 21.81     | -53.34                                | 13.80   | 17.30   | 0.208                       |
| Net assets   | 316.24    | 349.89    | 332.61    | 203.16                                | 231.39  | 235.05  | 2.832                       |
| Cash dividends   | 3.00      | 6.50      | 7.00      | 6.00                                  | 5.00    | 5.50    | 0.066                       |
| Ratios:  |           |           |           |                                       |         |         |                             |
| ROE (%)  | 12.8      | 12.7      | 6.4       | -20.0                                 | 6.3     | 6.9     |                             |
| ROA (%)  | 3.6       | 4.9       | 4.8       | 1.2                                   | 2.4     | 4.2     | _                           |
| D/E Ratio  | 2.7       | 1.7       | 1.7       | 2.7                                   | 2.2     | 2.1     | _                           |
| Ratio of Shareholders' Equity (%)                              | 21.2      | 22.5      | 22.9      | 16.9                                  | 19.6    | 20.1    | _                           |
| Total assets turnover  | 0.8       | 1.0       | 1.2       | 1.2                                   | 1.0     | 1.1     | _                           |

Note 1: U.S. dollar amounts have been translated, for convenience only, at the rate of  $\pm$ 83 to US\$1. Note 2: ROA = Operating income / Total assets

### **CONSOLIDATED FINANCIAL REVIEW**

### **Scope of Consolidation**

The consolidated financial statements for fiscal 2011, ended March 31, 2011, include the business results of 109 subsidiaries and 18 affiliates accounted for using the equity method.

In the fiscal year under review, five subsidiaries were added, while two were excluded from the scope of consolidation, one due to merger and one due to treatment as an equity-method affiliate.

With respect to consolidated equity-method affiliates, two were added, one formerly included within the scope of consolidation was newly treated as an equity method affiliate, and one was removed due to liquidation.

### **Overview of Business Performance**

### **Net Sales**

In fiscal 2011, the global economy was plagued by a number of uncertainties, including European financial concerns centered on the Greek debt crisis. However, the world economy as a whole entered a phase of gradual recovery, spurred by the impact of various countries' economic stimulus measures, as well as economic expansion in emerging markets. In the United States, economic conditions remained on a positive track, benefiting from increases in personal consumption and capital investment. In Europe, however, the economic situation remained difficult, owing to a slowdown in the rate of recovery and high rates of unemployment, among other factors. In Asia, the economies of China and India grew, centered on expanded internal demand. South Korea, Taiwan and countries in the ASEAN region posted robust growth, buoyed by vigorous demand for digital products. Moving into 2011, clouds appeared on the economic horizon as pro-democracy demonstrations in the Middle East and North Africa caused the political situation to worsen, raising concerns about a potential hike in crude oil prices. In Japan, government economic stimulus measures spurred demand improvements, particularly for automobiles and digital home appliances, in the first half. Despite these signs, the ongoing strength of the yen in foreign exchange markets put downward pressure on export-oriented manufacturers. Furthermore, the Great East Japan Earthquake struck in March2011, causing massive destruction and throwing the economic outlook into turmoil.

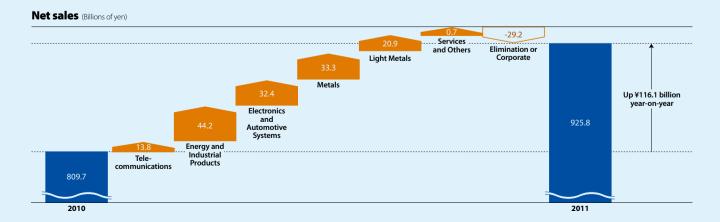
Under these circumstances, the Furukawa Electric Group launched its new medium-term management plan, New Frontier 2011, which it formulated in the previous year. In addition to aggressively investing in the functional materials segment—in the areas of MCPET microcellular foamed sheets used in LCD TV reflectors and copper foil for lithiumion batteries, the plan calls for us to cultivate future eco businesses by stepping up R&D related to smart grids and next-generation vehicles. We made steady progress on the measures defined in this plan, building our foundations for future growth. Having learned from our compliancerelated issues, related to the Group's violation of the Anti-Monopoly Act, the plan also raises reform of the organizational culture as an objective. We worked to prevent recurrence by ensuring that compliance was firmly rooted in Group's psyche by continuing to introduce "hard" measures, or specific rules, and "soft" measures, such as increasing the number of opportunities for managers and employees to interact directly. Furthermore, the Great East Japan Earthquake caused some damage at our own facilities, prompted raw material shortages owing to the effects of the disaster on suppliers, and precipitated power shortages. These factors caused the Group to suspend operations temporarily at certain facilities. However, thanks to recovery efforts all facilities are now back on line, even those that sustained the worst damage. We will continue working to restore operations fully to pre-earthquake levels and responding flexibly to circumstances as we put our groupwide effort into meeting the needs of society and our customers.

As a result, during the year sales were affected by high prices on bare copper, but the Light Metals Company delivered robust performance, particularly in automobile wire harnesses and MCPET and other functional materials operations. As a result, consolidated net sales rose 14.3% from the preceding fiscal year, to ¥925.8 billion. Overseas sales expanded 23.4%, to ¥307.5 billion.

### **Results by Business Segment**

### **Telecommunications**

Consolidated net sales grew 10.2% from the previous fiscal year, to ¥149.3 billion. In Japan, sales of system products to cable television companies were robust, owing to the full-scale shift to terrestrial digital broadcasting in July 2011, but demand for telecommunication cable was down year on year. Overseas, demand for optical fibers from China



and other Asian countries was lackluster, but sales of telecommunication and other cable for mobile telephony to OFS of the United States and FISA of Brazil remained robust, boosting sales in this category.

Meanwhile, in June 2010 OFS entered an agreement with China's Jiangsu Hengtong Photo Electric Stock Co., Ltd., to establish a subsidiary to produce optical fiber preform. As a result, we will become capable of integrated production—from upstream optical fiber preform to downstream optical fiber and cable—in China, which is currently the world's biggest market for optical fiber. This should expand our overseas sales even further.

### **Energy and Industrial Products**

Consolidated net increased 21.1% from the previous fiscal year, to ¥253.0 billion. In Japan, sales of electrical cable for construction remained sluggish, owing to continued lackluster construction demand. However, in functional materials we benefited from new orders for MCPET—boosting production accordingly—and bare copper prices rose.

Meanwhile, Furukawa Electric Industrial Cable Co., Ltd., and two subsidiaries of China's Huatong Furukawa Cable Co., Ltd., entered into an agreement in July 2010 to form a joint venture with Hebei Huatong Wires & Cables Group Co., Ltd., to manufacture and sell industrial rubber cable. This move should be instrumental in expanding our overseas market, as it applies the Furukawa Electric Group's technology related to industrial rubber cable, which is highly regarded in the Japanese market—to meet burgeoning Chinese demand for social infrastructure.

### **Electronics and Automotive Systems**

Consolidated net sales rose 18.3% from the previous fiscal year, to ¥209.6 billion. This rise is attributable to solid annual increases in market demand, both in Japan and overseas, for automobile wiring harnesses and automotive parts, as well as flourishing demand for magnet wires and other items for smartphones.

As part of our efforts to consolidate similar businesses and strengthen collaboration within the Group, subsidiary Furukawa Magnet Wire Co., Ltd., took over the magnet wire business of TOTOKU Electric Co., Ltd., in October 2009. This business and the magnet wire business of Riken Electric Wire Co., Ltd. were consolidated under Furukawa Magnet Wire in April 2010.

### Metals

Consolidated net sales rose 27.8% from the previous fiscal year to ¥152.9 billion. Contributing to this increase was the uptrend in bare copper prices and a recovery in demand for copper strips for electronic components. Furthermore, unusually warm summer weather boosted demand for copper tubes used in air conditioners.

Furthermore, in March 2011 we established a new company in Taiwan, Furukawa Electric Copper Foil Taiwan Co., Ltd., to manufacture and sell copper foil for lithium-ion batteries. This move should further strengthen our presence in an area where we already hold the top market share.

### **Light Metals**

Consolidated net sales increased 11.1%, to ¥209.0 billion. During the first half of the fiscal year, unusually hot summer weather prompted higher sales volumes in a wide range of areas, including materials for beverage cans, materials for automobile heat exchangers, and thick plates used in semiconductor and LCD fabrication equipment. Demand for some products slumped in the second half of the fiscal year, but sales were up for the year due to resurgent demand for automobile heat exchange materials and foil materials.

### Services and Others

Consolidated net sales for this segment rose 1.9% from the previous fiscal year, to ¥37.6 billion.

### Cost of Sales/Selling, General and Administrative Expenses

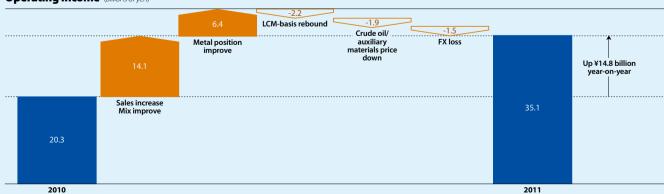
While cost of sales increased 13.8% from the previous fiscal year, to ¥773.5 billion, the cost of sales ratio improved by 0.3 percentage point, from 83.9% to 83.6%.

Selling, general and administrative expenses rose 6.5% from the previous year, to ¥117.1 billion.

### **Net Income**

In fiscal 2011, operating income rose ¥14.8 billion, to ¥35.1 billion (US\$0.4 billion). This was largely as net sales expanded more significantly than cost of sales. Operating income recorded by the Metals Company and the Light Metals Company improved





substantially, and the Electronics and Automotive Systems Company continued to deliver solid performance in the automotive sector. Furthermore, the metal position improved.

In other income, the Company recorded a ¥0.5 billion net foreign exchange loss, ¥1.3 billion worse than the income figure reported in the preceding fiscal year, primarily as a result of ongoing yen appreciation. The loss on disposal of property, plant and equipment abated, to ¥0.5 billion, and the Group did not set aside a provision for penalties under the Antimonopoly Law, whereas this figure amounted to ¥4.6 billion in the preceding fiscal year. However, the Group did record two losses that were absent in the preceding fiscal year: a ¥1.2 billion loss on adjustment for changes of accounting standards for asset retirement obligations and a ¥2.6 billion loss on disaster.

Income before income taxes and minority interests totaled ¥23.6 billion (US\$0.3 billion) and net income after income taxes and minority interests in net income of consolidated subsidiaries totaled ¥12.2 billion (US\$0.1 billion).

### Dividends

Furukawa Electric intends to pay dividends to shareholders, upholding its basic policy of paying solid dividends, while maintaining a long-term outlook on future income trends and business development.

The Company adheres to the basic principle of paying cash dividends twice a year out of its earned surplus as interim and full-year dividends. Full-year dividends paid out of earned surplus are determined by the shareholders' meeting and interim dividends are decided by the Board of Directors meeting. For fiscal 2011, the Company paid a dividend of ¥5.5 per share (interim dividend was ¥2.5 per share) based on the above principle. The Company will also seek to strengthen its financial condition by securing retained earnings.

The Company stipulates in its articles of incorporation that it can pay an interim dividend based on the record date of September 30 of each year through a resolution by its Board of Directors.

### Cash Flows

In fiscal 2011, income before income taxes and minority interests increased  $\pm$ 12.6 billion from the previous fiscal year, to  $\pm$ 23.6 billion. Cash and cash equivalents as of March 31, 2011, amounted to  $\pm$ 37.6 billion, down  $\pm$ 3.2 billion from one year earlier, owing mainly to the reduction of interest-bearing debt.

Net cash provided by operating activities was ¥37.1 billion. Primary factors included a rise in income before income taxes and minority interests and increases in inventories and income taxes paid, with the increase in trade payables down year on year.

Net cash used in investing activities was ¥21.4 billion. Proceeds from sales of marketable securities and sales of property, plant and equipment were down. However, payments for purchase of investment securities and property, plant and equipment also decreased.

Net cash used in financing activities was ¥18.3 billion. Although continuing efforts to reduce short-term debt, the Group raised cash through sale-and-lease-back activities.

### Liquidity

Since launching the Furukawa Survival Plan in 2004, a three-year medium-term management plan, we have endeavored to sell investment securities and real estate holdings and reduce interest-bearing debt to bolster our financial condition.

As a result, interest-bearing debt decreased  $\pm 20.5$  billion from the previous fiscal year, to  $\pm 341.6$  billion.

We established a new medium-term management plan, New Frontier 2012, in April 2010 and are endeavoring to further improve our financial strength. We will seek to curb increases in total assets, continue to reduce inventory, trade receivables and fixed costs, repay interest-bearing debt by generating income, and build up shareholders' equity.

In terms of numerical targets, we are forecasting shareholders' equity of ¥210.0 billion, interest-bearing liabilities of ¥320.0 billion, a debt-to-equity ratio of 1.5, ROA of 5.6% and total asset turnover of 1.1 by March 31, 2013.

### **R&D Activities**

Furukawa Electric Group maintains a solid R&D structure that enables it to create and develop new businesses through innovative products and technologies and to aggressively pursue R&D activities. Furukawa Electric Co., Ltd., operates six research laboratories in Japan, including Yokohama R&D Laboratories, the Metal Research Center, the Ecology and Electronics Laboratory, the FITEL Photonics Laboratory, the Automotive Technology Center and the Power & Systems Laboratory, which are further complemented by the research laboratories of other Group companies. We also operate two overseas laboratories, OFS Laboratories, LLC, in the United States and Furukawa Electric Institute of Technology Ltd. in Hungary. Total R&D expenditures in fiscal 2011 were ¥18.3 billion. The major results of our R&D activities segment were as follows:

### **Telecommunications**

- (1) For 100Gbps optical digital coherent transmission, we introduced compact chips employing quartz waveguide technology that enables receiver components to convert amplified optical signals through value multiplexing—including phase modulation and polarization multiplexing—and commenced shipments to equipment manufacturers.
- (2) The area of 100Gbps digital coherent transmission requires highly stable oscillation wavelengths to semiconductor lasers for signal light sources. We succeeded in reducing to 500kHz or less the width of the oscillation band on the semiconductor lasers that constrain bandwidth and have begun sample shipments to customers of standard control circuits incorporating this technology.
- (3) We began developing wavelength-selection switches (WSSs), key components that control bandwidth in signal route switching devices, thereby making telecommunications networks more efficient and power efficient.
- (4) We have created a multicore fiber containing seven cores in a single fiber, which may find use in spatial multiplexing technology for future ultrahigh-capacity optical communications. We

- conducted transmission evaluation to determine applicability for optical interconnection, subscriber access and long-distance trunk lines.
- (5) In the optical interconnection category, we used an active optical cable (AOC) to develop an optical engine featuring low power consumption, which we installed on our proprietary 1060nm vertical-cavity surface-emitting laser (VCSEL) for evaluation by manufacturers of optical transmission devices, transmission equipment and computers.
- (6) We developed a non-halogen insulation material for heat protection during soldering and have commercialized the product for use on electronic device wiring.
- (7) We are moving forward with customer verification testing for use in laser processing of our single-mode fiber laser equipment with optical outputs of 300W and 500W.

R&D expenditures for the segment totaled ¥5.6 billion.

### **Energy and Industrial Products**

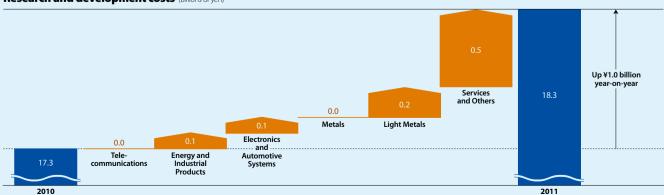
- (1) We are making progress in the development of high-functioning foamed materials. Using this material, we have succeeded in developing reflectors for LED TEVs that that increase their brightness by 5% compared with conventional materials, and have commenced mass production. In addition, through the application of microcellular foaming technology to polyphenylene sulfide (PPS), we are working to make automobiles more lightweight and therefore emit less CO2. We also have developed non-halogen flame-resistant foam, which reduces environmental impact, and are pursuing the development of highly reflective foam, assistance efforts to conserve energy.
- (2) Demand related to the smart grid market is expected to include superconductors and other next-generation transmission technologies, as well as efficient power system operation technologies that make use of telecommunications technologies. We established the Power & System Laboratories to take overall responsibility for developing technologies such as these.
- (3) We continue to participate in a national project for yttriumbased, high-temperature superconducting power cables, and we are promoting the development of ultra-high voltage

- superconducting power cables to replace ultra-high voltage power cables. In addition, we are proactively participating in demonstration projects both in Japan and overseas. Furthermore, with respect to devices applying yttrium-based superconducting thin films, we will conduct verification tests at an early date and are pursuing commercial development.
- (4) We are developing smart grid technology and products. Notably, we are endeavoring to develop practical applications for secondary battery-related technologies, which are particularly important and enjoy high demand, at an early date under a Groupwide system, while also participating in the national project.
- (5) We established a pipe development system for oceanic energy resource transport, and we are participating in a national project to promote such efforts. We are also developing pipes with specifications suited to offshore, undersea and seabed applications. R&D expenditures for the segment totaled ¥1.2 billion.

### **Electronics and Automotive Systems**

- (1) We formed a Next-Generation Automotive Product Team to integrate the activities of various laboratories involved in nextgeneration vehicles, including hybrid and electric vehicles, as well as to contribute to new product development that will lead to the expansion of business in the automotive field.
- (2) We continue to develop radar employing ultra-wideband (UWB) technologies. In this field, we are collaborating with manufacturers of automobile systems and vehicles to develop technology for sensors to monitor a vehicle's surroundings, as such technology is expected to boost automobile safety.
- (3) In 2012, we expect to begin mass production of a sensor for automobile batteries, targeting automakers. Battery power management is expected to improve the efficiency of automobiles' energy use.
- (4) Having confirmed the principles through which an altogether new type of configuration of onboard GPS antennas can be made without employing ceramics that employ high-dielectric materials, including rare metals, we are pursuing the commercialization of this structure.
- (5) We have developed a new process for shortening processing time and reducing processing energy for cellular phone antennas, and





- have set up a mass production system in China. We are expanding the process to other antenna products.
- (6) We have developed a new finely pitched tape substrate suitable for mounting next-generation high-frequency components, and are pursuing its market expansion.
- (7) Having pushed beyond the development of heat pipes with wall thicknesses of 0.8mm for use in highly functional home appliances, we have developed ultrathin heat pipes with walls 0.6mm thick.
- (8) Heat pipes in cooling power modules used in inverters and converters for high-speed railways and subways deliver higher performance eliminate the need for a blower.
- (9) We have developed magnet wires for use in the drive motors in hybrid vehicles (HVs) that eliminate the need for interphase insulative paper, thereby allowing motors to be more compact and deliver higher output that was possible with conventional designs. At the same time, we have accelerated R&D on nextgeneration magnet wires with low electric permittivity, high voltage resistance and thin films.
- (10) We are pursuing the development of transistors and diodes for devices using gallium nitride (GaN) through a research association for next-generation power device technology established jointly with the Fuji Electric Group.
- (11) We were commissioned by the New Energy and Industrial Technology Development Organization (NEDO) and are pursuing the development of a revolutionary ultra-lightweight electric wire using carbon nano tubes.
- R&D expenditures for the segment totaled ¥3.8 billion.

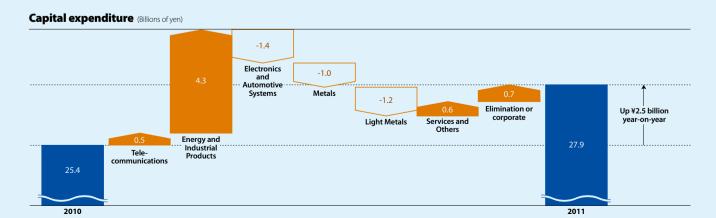
### Metals

- (1) In high-performance connector material, we have commenced mass production of highly flexible alloys, and have obtained certification and orders from customers. We have gained competitive advantages in price and quality and are establishing a low-cost, high-precision gauge control technology.
- (2) We began mass producing new highly adhesive products for developing aluminum plastic composite products and are expanding sales in this category.
- (3) We made progress in developing a current collector for a next-

- generation lithium-ion secondary battery, which has been well received by customers.
- (4) In the development of high-temperature superconducting wire rods, we are specializing in yttrium-based materials that are expected to become next-generation wire rods. We participate in the national project for yttrium-based superconducting power device technology, and have improved length characteristics by introducing our proprietary layered structure.
- (5) We are developing nano metal powder as a material for hardwiring and bonding for electronics, and are conducting tests for practical applications.
- R&D expenditures for the segment totaled ¥1.2 billion.

### **Light Metals**

- (1) For popular lithium-ion batteries, we have developed and manufacture a variety of materials that we supply to customers in Japan and overseas. These include aluminum foil for the battery's positive electrode collector and laminated exterior material, as well as square aluminum sheet as exterior material.
- (2) The use of aluminum in place of copper pipes in the pipework for air-conditioning devices has been attracting attention, and we have developed aluminum pipes that excel in heat exchange, corrosion resistance and workability. The pipes continue to earn high praise from air conditioner manufacturers.
- (3) Given the growing importance of thermal management in next-generation automobiles, such as electric cars, we developed the VL Fan, an aluminum air-cooled chiller with significantly enhanced cooling capability. Many users have inquired about this product, which is being given high marks. Nevertheless, we continue pursing research and development aimed to boost performance further. We are also pursuing developments designed to replace copper parts with aluminum in next-generation automobiles.
- (4) As a top manufacturer of materials for automobile heat exchangers, we are developing thin-walled, high-performance materials, which have been well-received by heat exchanger users. R&D expenditures for the segment totaled ¥2.8 billion.



### Services and Others

This area is primarily related to our new business fields.

- (1) We were commissioned by NEDO to continue developing negative electrode materials for lithium-ion batteries, which delivery high output and are long-lived.
- (2) We have established the Next-Generation Battery Materials R&D Center to step up our development of next-generation battery materials, leveraging the Furukawa Electric Group's materials expertise to conduct leading-edge R&D.

R&D expenditures for the segment totaled ¥3.7 billion.

### **Capital Expenditures**

The Furukawa Electric Group conducted increased investments during the year in the Energy and Industrial Products Company and the Telecommunications Company, and total Group capital expenditures, at ¥27.9 billion, were higher than the previous fiscal year.

The primary goals for capital expenditures by segment were as follows:

### **Telecommunications**

- Expand production capacity of optical fiber cables
- Rationalize production facilities/expand factory buildings

### **Energy and Industrial Products**

- Expand production equipment for foamed products
- Build new factory and integrate production facilities
- Maintain and upgrade facilities

### **Electronics and Automotive Systems**

- Mass produce and expand capacity for electronic components for automobiles
- Mass produce and increase capacity for electronic functional materials
- Integrate facilities after consolidation of magnet wire business

### Metals

 Maintain and upgrade production facilities for copper foil, copper and copper alloys for the automotive, IT and electronics markets

### **Light Metals**

- Upgrade older large cranes used for transporting slabs for rolling
- Upgrade plate cutting line to use AC motors

Major capital investments completed during the year under review include upgrading the accounting system used by Furukawa Electric's finance department, upgrading large-scale cranes at the Furukawa-Sky Aluminum Corporation and building a plant and production line at Furukawa Automotive Systems Vietnam (FASV).

No significant facilities were disposed of our sold during the fiscal year under review.

### **Financial Position**

Total assets decreased ¥8.9 billion from the previous fiscal year, to ¥826.9 billion. Current assets increased ¥19.3 billion, to ¥419.8 billion, while non-current assets decreased ¥28.2 billion, to ¥407.1 billion.

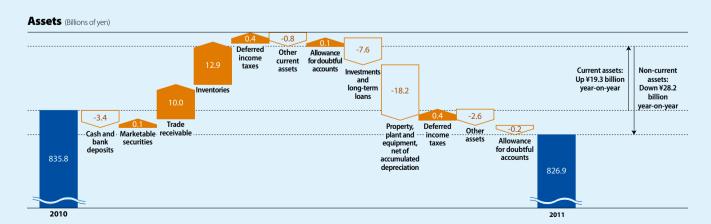
The major reasons for these fluctuations were decreases in tangible and intangible assets, as well as investment securities, while trade receivables and inventories of work-in-progress, raw materials and stored goods increased.

Operating capital increased, as the rise in trade receivables and inventories exceeded the increase in payables.

Major factors behind changes in non-current assets included an increase of ¥27.9 billion in capital expenditures, a decrease of ¥40.4 billion in depreciation, and impairment losses.

With respect to current liabilities, interest-bearing debt, which is the sum of long- and short-term debt and corporate bonds, decreased ¥20.5 billion from the end of the previous fiscal year, to ¥341.6 billion.

In the category of net assets, retained earnings increased ¥15.0 billion. Unrealized gains on other marketable securities decreased, as did exchange and valuation adjustments, owing to such factors as price fluctuations on investment securities and yen appreciation. Furthermore, during the year under review the Group began recording retirement benefits on overseas subsidiaries, causing other accumulated comprehensive income to fall ¥12.4 billion. Consequently, total shareholders' equity ratio rose 0.5 percentage point from the end of the previous consolidated fiscal year, to 20.1%.



### **Business-Related Risks**

The Furukawa Electric Group's management performance is affected by the economic conditions of the various markets in which we sell our products and provide services.

The Furukawa Electric Group's management performance, stock price and financial condition may be affected by the following risks, assessed by the Group as of June 29, 2011, the date on which we submitted our financial report.

### 1) Infringement of third-party intellectual property rights and other rights

The Furukawa Electric Group takes appropriate measures to prevent the infringement of intellectual property and other rights owned by third parties in connection with business activities, including the development, manufacture, use and sales of products and software.

These measures include prior research of such rights and the arrangement of licensing as required. However, we may become engaged in disputes or negotiations in situations in which a third party sues the Group for alleged infringement of intellectual property or other rights owned by the third party, or in cases where intellectual property or other rights owned by the Group are infringed upon by a third party. Lawsuits involving intellectual property may result in the suspension of the manufacture or sale of Group products or a major claim for damages or settlement benefits, and in the event the Group is faced by such suspensions or payment obligations, the results of operations and financial position of the Group may be adversely affected. In addition, despite having a framework in place to deal with property rights, corporate competitiveness may decline in the event that the Group's manufacturing technology (knowhow) is leaked to a third party.

### 2) Defective products

The Furukawa Electric Group manufactures products and services in accordance with prevailing domestic and international standards and specifications as well as its own quality control standards developed over the course of its extensive business experience. However, we cannot warrant that all our products and services are free from defects

or that we will not be liable for any unforeseen future losses or damages. Any defects in products such as power cables, communication cables and automotive parts may incur significant additional costs.

While our product liability insurance policy covers risks associated with our products, it may not cover all the damages we might be required to pay. Product defects causing significant damage or product liability may incur major costs and tarnish the Group's reputation, adversely affecting the results of the Group's operations and financial position.

### 3) Fluctuations in raw material and fuel prices

Prices for our main raw materials, including non-ferrous metals such as copper and aluminum, and polyethylene, along with fuels such as heavy oil and LNG, may fluctuate beyond expectations due to changes in international politics and market trends. We may not be able to sufficiently reflect such substantial price fluctuations onto our sales prices, or we may be unable to do so in a timely manner. This may adversely affect the results of our operations or financial position.

### 4) Fluctuations in exchange rates

The Furukawa Electric Group owns foreign currency-denominated credit and obligations. Therefore, fluctuations in the foreign currency environment may result in exchange gains or losses.

### 5) Higher interest rates

If interest rates rise, our interest expenses will increase, which may adversely affect the results of operations.

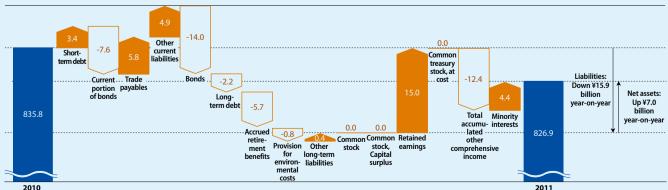
### 6) Lowering of credit ratings

Should our performance stagnate, credit rating agencies may downgrade our long-term bonds and commercial paper. This situation could make raising funds more difficult and cause interest payments to rise.

### 7) Impairment of assets

In the event of unfavorable conditions in the market or business environment, the market value of our assets may substantially decline, or the profit generated by our assets may decrease, leading us to incur impairment losses on such assets.





### 8) Soil pollution on land held for business purposes

Soil pollution exists at on the site of the Company's Nikko Works, and we are currently conducting detailed surveys and planning remediation measures. A survey is also underway with regard to waste disposal and ground pollution at land owned in the Oyama area. In addition, we are implementing soil and groundwater countermeasures at the Ibaraki Plant owned by Aoyama Kinsho Co., Ltd. When we sell our land or change its use in other areas, we may incur costs associated with soil pollution in the event a soil survey demonstrates the land is contaminated.

### 9) Overseas activities

The Furukawa Electric Group manufactures and sells products not only in Japan but also in overseas markets, including markets in the U.S., Europe and Asia, as well as emerging markets. We face various potential risks in these overseas markets, such as unexpected changes in laws and regulations, labor disputes caused by changes in the economic environment or sudden outbreaks of epidemics. Such risks may adversely affect the result of our operations.

Particularly in China, where the economy has been growing rapidly over the past several years, we have established and operate a number of business sites, namely in Shanghai, Beijing and Tianjin. Unexpected events in China, such as changes in laws, rules and regulations associated with investment, foreign currency, finance and trade; suspension of power supply; or the outbreak of epidemics, may adversely affect our operations. Concretely, should the Chinese GDP growth rate sharply decline due to the adoption of a governmental policy to curb excessively rapid economic growth, or should the exchange rate of the yuan be adjusted, the results of our operations in China may significantly differ from our business plan forecast. In such cases, the cash flows of our subsidiaries in China may be adversely affected because the collection period for sales receivables from Chinese customers is relatively long.

### 10) Legal violations

In May 2010, Furukawa Electric was issued cease and desist as well as administrative surcharge orders by the Japan Fair Trade Commission as a result of acts in violation of the Anti-Monopoly Act in relation to transactions regarding optical fiber cable and related products. The Company has made a court appeal with regard to some products included in the administrative surcharge payment order and is awaiting a final decision by the commission. In November 2010, Company subsidiary Furukawa Elecom Co., Ltd., received an administrative surcharge payment order from the Japan Fair Trade Commission related to transactions on three general-purpose construction products including construction wiring. Compensation for damages may be claimed in relation to this violation. Furthermore with respect to construction wiring, in April 2010 Kyowa Electric Wire Co., Ltd., was included in an examination owing to suspicion of violating the Anti-Monopoly act with regard to transactions of this same product. We are currently cooperating with this investigation.

Furthermore, the Furukawa Electric Group is currently under investigation by the Japan Fair Trade Commission and bureaus responsible for antitrust law in the United States and European Union concerning automobile wire harnesses and related products. We are currently cooperating with these investigations. In addition, equity method affiliate VISCAS Corporation is under investigation in the European Union by the bureau responsible for antitrust law in relation to power cables and related products. In this investigation, the commission has found the company in violation. Although no reparations have not been determined, it is possible that administrative surcharge payments may be levied, and that a civil action may be filed seeking compensation for damages in relation to this violation.

### 11) Impact of the Great East Japan Earthquake

The impact of the Great East Japan Earthquake, which struck on March 11, 2011, may have a negative effect on the Furukawa Electric Group's operating performance, owing to difficulties in procuring raw materials, the interruption of plant operations because of shortages in the electric power supply and increases in electricity rates.

### **Future Outlook**

In the upcoming year, the aftermath of the Great East Japan Earthquake is expected to continue affecting Japan in a number of ways, so economic conditions remain uncertain. Overseas, high growth is expected to continue in emerging markets, but the negative potential impact of the European debt crisis and concerns about rising prices on crude oil and other raw materials is growing more pronounced.

In this environment, the Furukawa Electric Group will continue to implement measures introduced last year under its new medium-term management plan, New Frontier 2012. By making steady progress in putting these measures into action, we aim to cultivate new frontiers (new markets and new businesses) and management that is more robust in the face of change.

In the transmission infrastructure segment, we will introduce investment initiatives to meet the high levels of emerging market demand that are expected to continue in relation to communications and power infrastructure, and we will work to reinforce our production systems and expand our sales accordingly. In the functional materials business, we will seek to boost profitability by concentrating on the establishment of competitive technologies and higher productivity. At the same time, we will make aggressive capital investment to match demand trends. In addition, we will cultivate new environmental businesses by leveraging new organizations established in the preceding fiscal year—the Smart Grid Business Development Department, the Next-Generation Automotive Product Team and the Next-Generation Battery Materials R&D Center—to strengthen our initiatives for cultivating new markets and new products.

In fiscal 2012, we expect ¥950.0 billion in consolidated net sales, ¥31.0 billion in operating income, ¥29.0 billion in ordinary income and ¥11.5 billion in net income.

### CONSOLIDATED BALANCE SHEETS FURUKAWA ELECTRIC CO., LTD. AND ITS SUBSIDIARIES

At March 31, 2011 and 2010

|  |              |         |   |         |   | ousands of |
|--|--------------|---------|---|---------|---|------------|
|  |              | * ****  |   |         | U                                       | S. dollars |
|  | ************ | Million | s of                                    | yen     | *************                           | (Note 3)   |
|  |              | 2011    | سيبسين                                  | 2010    | ***********                             | 2011       |
| ASSETS                                       |              |         |   |         |   |            |
| Current assets:                              |              |         |   |         |   |            |
| Cash and bank deposits (Notes 4 and 11)      | ¥            | 41,899  | ¥                                       | 45,346  | \$                                      | 504,807    |
| Marketable securities (Note 5)               |              | 114     |   | 16      |   | 1,373      |
| Trade receivable (Note 6)                    |              | 227,148 |   | 217,099 |   | 2,736,723  |
| Inventories (Note 7)                         |              | 99,907  |   | 87,034  |   | 1,203,699  |
| Deferred income taxes (Note 18)              |              | 7,753   |   | 7,344   |   | 93,410     |
| Other current assets                         |              | 44,771  |   | 45,586  |   | 539,410    |
| Allowance for doubtful accounts              |              | (1,784) |   | (1,927) | *************************************** | (21,494)   |
| Total current assets                         |              | 419,808 | *************************************** | 400,498 | >*************************************  | 5,057,928  |
| Non-current assets:                          |              |         |   |         |   |            |
| Investments and long-term loans              |              |         |   |         |   |            |
| (Notes 5, 8 and 11)                          |              | 95,953  |   | 103,564 |   | 1,156,060  |
| Property, plant and equipment, net of        |              |         |   |         |   |            |
| accumulated depreciation (Notes 9,11 and 17) |              | 273,025 |   | 291,189 |   | 3,289,458  |
| Deferred income taxes (Note 18)              |              | 12,643  |   | 12,275  |   | 152,325    |
| Other assets                                 |              | 29,101  |   | 31,659  |   | 350,614    |
| Allowance for doubtful accounts              |              | (3,586) |   | (3,366) |   | (43,205)   |
| Total non-current assets                     |              | 407,136 |   | 435,321 |   | 4,905,252  |
| Total  | ¥            | 826,944 | ¥                                       | 835,819 | \$                                      | 9,963,180  |

|  |   | ns of yen       | Thousands of<br>U.S. dollars<br>(Note 3) |
|--|---|-----------------|--|
|  | 2011                                    | 2010            | 2011                                     |
| LIABILITIES AND NET ASSETS   |   |                 |  |
| Current liabilities:   |   |                 |  |
| Short-term debt (Note 11)  | Y 128,552                               | ¥ 125,117       | \$ 1,548,819                             |
| Current portion of bonds (Note 11)                                       | 24,199                                  | 31,845          | 291,554                                  |
| Trade payable (Note 10)  | 120,873                                 | 115,045         | 1,456,301                                |
| Customers' advances  | 2,782                                   | 2,674           | 33,518                                   |
| Accrued income taxes   | 3,718                                   | 2,350           | 44,795                                   |
| Deferred income taxes (Note 18)  | 56                                      | 16              | 675                                      |
| Provision for product defect compensation(Note 2h)                       | 2,266                                   | 3,566           | 27,301                                   |
| Provision for penalties under  | 2,200                                   | 5,500           | 21,001                                   |
| the Antimonopoly Law(Note 2j)  |   | 4,606           | •  |
| Provision for loss on disaster(Note 2k)                                  | 1,512                                   |                 | 18,217                                   |
| Other current liabilities  | 54,903                                  | 47,096          | 661,482                                  |
| Total current liabilities  | 338,861                                 | 332,315         | 4,082,662                                |
| Long-term liabilities:   |   | •               |  |
| Bonds(Note 11)   | 28,866                                  | 42,899          | 347,783                                  |
| Long-term debt (Note 11)   | 160,002                                 | 162,227         | 1,927,735                                |
| Accrued retirement benefits (Note 12)                                    | 59,062                                  | 64,798          | 711,590                                  |
| Provision for environmental costs (Note 2i)                              | 12,018                                  | 12,852          | 144,795                                  |
| Asset retirement obligation  | 1,321                                   | *               | 15,916                                   |
| Deferred income taxes (Note 18)  | 207                                     | 2,654           | 2,494                                    |
| Other long-term liabilities  | 10,702                                  | 9,145           | 128,940                                  |
| Total long-term liabilities  | 272,178                                 | 294,575         | 3,279,253                                |
| Contingent liabilities (Note 14)   |   |                 |  |
| Net assets<br>Shareholders' equity (Note 13)                             |   |                 |  |
| Common stock   |   |                 |  |
| Authorized shares,   |   |                 |  |
| 2,500,000 thousand in 2011 and 2010                                      |   |                 |  |
| Issued shares,   | 20.00                                   | 22.22           | 222.224                                  |
| 706,669 thousand in 2011 and 2010  | 69,395                                  | 69,395          | 836,084                                  |
| Capital surplus  | 21,468                                  | 21,468 $71,988$ | 258,651                                  |
| Retained earnings<br>Common treasury stock, at cost                      | 87,007                                  | 11,900          | 1,048,277                                |
| 438 thousand in 2011   |   |                 |  |
| 428 thousand in 2010   | (271)                                   | (236)           | (3,265)                                  |
| Total shareholders' equity   | 177,599                                 | 162,615         | 2,139,747                                |
| Accumulated other comprehensive income                                   |   |                 |  |
| Unrealized gain on   |   |                 |  |
| available for sale securities (Note 5)                                   | 14,222                                  | 16,483          | 171,349                                  |
| Deferred gain or loss on derivatives<br>under hedge accounting (Note 2c) | 638                                     | 905             | 7,687                                    |
| Adjustments for retirement benefits                                      | (0.017)                                 |                 | (40 *****)                               |
| of an overseas subsidiary  | (3,617)                                 | (10 -00)        | (43,578)                                 |
| Foreign currency translation adjustments                                 | (22,873)                                | (16,586)        | (275,578)                                |
| Total accumulated other comprehensive income                             | *************************************** | 802             | (140,120)                                |
| Minority interests   | 49,936                                  | 45,512          | 601,638                                  |
| Total net assets   | 215,905                                 | 208,929         | 2,601,265                                |
| Total  | ¥ 826,944                               | ¥ 835,819       | \$ 9,963,180                             |
|  | *************************************** |                 | ······                                   |

### CONSOLIDATED STATEMENTS OF INCOME FURUKAWA ELECTRIC CO., LTD. AND ITS SUBSIDIARIES

For the years ended March 31, 2011 and 2010

| For the years ended M   | Marc                                    | ch 31, 201                | l an                                    | d 2010                                |   |  |
|---|---|---------------------------|---|---------------------------------------|---|--|
|   |   |                           |   |                                       |   | housands of                            |
|   |   | Millior                   | sa of                                   | 703                                   | ·                                       | J.S. dollars<br>(Note 3)               |
| ,   | *************************************** | 2011                      | is or                                   | 2010                                  | #HANAGAN                                | 2011                                   |
| Net sales   | ¥                                       | 925,754                   | Y                                       | 809,693                               | \$ -                                    | 11,153,663                             |
| Cost of sales (Note 16)   | 1                                       | 925,734 $773,499$         | Ŧ                                       |                                       | Φ                                       |  |
| Gross profit  |   | $\frac{773,499}{152,255}$ | *************************************** | $\frac{679,403}{130,290}$             | 25.00.00                                | $\frac{9,319,265}{1,834,398}$          |
| Selling, general and administrative                               |   | 104,200                   |   | 150,250                               |   | 1,004,000                              |
| expenses (Note 16)  |   | 117,111                   |   | 109,968                               |   | 1.410,976                              |
| · · · · · · · · · · · · · · · · · · ·                             |   |                           | *********                               |                                       |   | ************************************** |
| Operating income  |   | 35,144                    |   | 20,322                                |   | 423,422                                |
| Other income (expenses):  |   | 0.000                     |   | 0.100                                 |   | 00.500                                 |
| Interest and dividend income                                      |   | 2,368                     |   | 2,189                                 |   | 28,530                                 |
| Interest expense  |   | (6,012)                   |   | (6,415)                               |   | (72,434)                               |
| Foreign exchange gain (loss), net                                 |   | (529)                     |   | 801                                   |   | (6,373)                                |
| Gain on sales of investment securities                            |   | 9.007                     |   | 0.014                                 |   | 07 554                                 |
| (Note 5)  | _                                       | 2,287                     |   | 6,314                                 |   | 27,554                                 |
| Loss on write down of investment securitie                        | S                                       | (3,466)                   |   | (286)                                 |   | (41,759)                               |
| Reversal of provision for doubtful accounts                       |   | 1,508                     |   | 1,002                                 |   | 18,169                                 |
| Gain on disposal of property, plant and                           |   |                           |   |                                       |   |  |
| equipment   |   | 1,270                     |   | 351                                   |   | 15,301                                 |
| Loss on disposal of property, plant and                           |   |                           |   |                                       |   |  |
| equipment   |   | (543)                     |   | (1,765)                               |   | (6,542)                                |
| Impairment loss (Notes 2s and 17)                                 |   | (2,410)                   |   | (2,636)                               |   | (29,036)                               |
| Provision for penalties under                                     |   |                           |   |                                       |   |  |
| the Antimonopoly Law(Note 2j)                                     |   | •                         |   | (4,606)                               |   | *                                      |
| Business restructuring costs                                      |   | (700)                     |   | (2,778)                               |   | (8,434)                                |
| Equity in income of non-consolidated                              |   |                           |   |                                       |   |  |
| subsidiaries and affiliates                                       |   | 634                       |   | 3,271                                 |   | 7,639                                  |
| Loss on adjustment for changes of accounting                      |   | (1,235)                   |   | •                                     |   | (14,880)                               |
| standards for asset retirement obligation                         | S                                       |                           |   |                                       |   |  |
| Loss on disaster (Note 2k)  |   | (2,613)                   |   | · · · · · · · · · · · · · · · · · · · |   | (31,482)                               |
| Other, net  | *************************************** | (2,117)                   | *************************************** | (4,817)                               |   | (25,506)                               |
|   |   | (11,558)                  |   | (9,375)                               |   | (139,253)                              |
| Income before income taxes  |   |                           |   |                                       |   |  |
| and minority interests  |   | 23,586                    |   | 10,947                                |   | 284,169                                |
| Income taxes (Note 18):   |   |                           |   | ·                                     |   | ·                                      |
| Current   |   | 6,826                     |   | 4,681                                 |   | 82,241                                 |
| Deferred  |   | (1,404)                   |   | (3,310)                               |   | (16,916)                               |
| Beleffed  | · · · · · · · · · · · · · · · · · · ·   | 5,422                     |   |                                       | ************                            | <del></del>                            |
| NT-4 1 1 . f  |   |                           |   | 1,371                                 |   | 65,325                                 |
| Net income before minority interests                              |   | 18,164                    | *************************************** | *                                     |   | 218,844                                |
| Minority interests in earning (loss) of consolidated subsidiaries |   | T 0.71                    |   | (100)                                 |   | 71.000                                 |
| ×-  |   | 5,951                     | -                                       | (128)                                 |   | 71,699                                 |
| Net income  | ¥                                       | 12,213                    | ¥                                       | 9,704                                 | \$                                      | 147,145                                |
|   |   |                           |   |                                       |   | •                                      |
|   |   | V                         | en                                      |                                       | Т                                       | J.S. dollars                           |
| •   |   | 2011                      | <u> </u>                                | 2010                                  |   | 2011                                   |
| Per common share (Notes 2q and r)                                 | ············                            | 2011                      | *************************************** | 4010                                  | *************************************** | AUII                                   |
| <del>-</del>  | ¥                                       | 17.90                     | ¥                                       | 10.00                                 | di.                                     | 0.000                                  |
| Diluted net income  | T                                       | 17.30                     | ¥                                       | 13.80                                 | \$                                      | 0.208                                  |
|   | v                                       | ~ ~ ~ ~                   | 54                                      | 13.80                                 | 274                                     | 0.000                                  |
| Cash dividends  | ¥                                       | 5.50                      | ¥                                       | 5.00                                  | \$                                      | 0.066                                  |
|   |   |                           |   |                                       |   |  |

### CONSOLIDATED STATEMENTS OF COMPREHEMSIVE INCOME FURUKAWA ELECTRIC CO., LTD. AND ITS SUBSIDIARIES

For the years ended March 31, 2011 and 2010

|  |     |         |      |        | Thousands of U.S. dollars |
|--|-----|---------|------|--------|---------------------------|
|  |     | Million | ns e | of yen | (Note 3)                  |
|  | *** | 2011    |      | 2010   | 2011                      |
| Net income before minority interests               | ¥   | 18,164  | ¥    | + \$   | 218,844                   |
| Other comprehensive income                         |     |         |      |        |                           |
| Unrealized gain on available-for-sale securities   |     | (2,256) |      | *      | (27,181)                  |
| Deferred gain or loss on derivatives under hedge   |     |         |      |        |                           |
| accounting   |     | (403)   |      | *      | (4,855)                   |
| Adjustments for retirement benefits of an overseas |     |         |      |        |                           |
| subsidiary   |     | 1,535   |      | *      | 18,494                    |
| Foreign currency translation adjustments           |     | (6,038) |      | ~      | (72,747)                  |
| Share of other comprehensive income of affiliates  |     |         |      |        |                           |
| accounted for by the equity method                 | •   | (623)   | _    | *      | (7,506)                   |
| Total other comprehensive income (Note 19)         |     | (7,785) |      | ٠      | (93,795)                  |
| Comprehensive income (Note 19)                     | ¥   | 10,379  | ¥    | - \$   | 125,049                   |
| Attributable to:                                   | _   |         | _    |        |                           |
| Shareholders of the parent company                 | ¥   | -,      | ¥    | • \$   | 58,904                    |
| Minority interests                                 | ¥   | 5,490   | ¥    | · \$   | 66,145                    |

## CONSOLIDATED STATEMENTS OF CHANGES IN NET ASSETS FURUKAWA ELECTRIC CO., LTD. AND ITS SUBSIDIARIES

For the years ended March 31, 2011 and 2010

|   |                 |        | -                                     | CS               | 2 1 2 2              | , , ,             | *************************************** |  |  |
|---|-----------------|--------|---------------------------------------|------------------|----------------------|-------------------|---|--|--|
|   |                 |        |                                       | S                | Shareholders' equity | AHHE'S            |   |  |  |
|   |                 |        | Š                                     |                  |                      |                   | Common                                  | £ .  | Total  |
| man.  | Common<br>stock | E 24   | Capital<br>surplus                    |                  | Ketamed              |                   | rreasury<br>stock                       | Shan   | Snareholders<br>equity   |
| Balance at March 31, 2009                         |                 | 69,376 | ¥ 23,449                              | <i>3</i> ~-      | 65,737               | ;x.               | (2,282)                                 | <b>;;</b> ~  | 154,280  |
| Exercise of stock acquisition rights              |                 | Œ;     | 61                                    |                  | •                    |                   |   |  | 38   |
| Effect of decrease in exchange of equity interest | ٠               |        | τ                                     |                  | (933)                |                   | 2,050                                   |  | 1.357  |
| Cash dividends paid                               |                 |        | ,                                     |                  | (8,512)              |                   |   |  | (3,512)  |
| Netincome   | •               |        | :                                     |                  | 9,704                |                   | •                                       |  | 9,704  |
| Net effect of increase in consolidated            |                 |        |                                       |                  |                      |                   |   |  |  |
| subsidiaries                                      | •               |        | ,                                     |                  | 8                    |                   |   |  | 55   |
| Adjustments for retirement, benefits              |                 |        |                                       |                  |                      |                   |   |  |  |
| of overseas subsidiaries                          | •               |        |                                       |                  | 655                  |                   | ,                                       |  | 655  |
| Acquisition of treasury stock                     |                 |        |                                       |                  | ,                    |                   | 3                                       |  | *  |
| Disposal of treasury stock                        | ,               |        | t                                     |                  | 9                    |                   | 9                                       |  | 9  |
| Net change during the year                        | ,               | ,      | and resident the second second second |                  | *                    | an annual control | i.                                      |  | ,  |
| Balance at March 31, 2010                         | ¥ 49.5          | 69.395 | ¥ 21, 168                             | >                | 71.988               | <b>;&gt;</b> ~    | (383)                                   | ;  | 162,615  |
| Exercise of stock acquisition rights              | ٠               |        |                                       |                  | ,                    |                   | *                                       |  | 4  |
| Effect of decrease in exchange of equity interest | ,               |        | •                                     |                  |                      |                   | *                                       |  | A  |
| Cash dividends paid                               | ,               |        | •                                     |                  | (3,531)              |                   | ,                                       |  | (3,531)  |
| Net income  | ,               |        | ·                                     |                  | 12,213               |                   |   |  | 12,213   |
| Net effect of increase in consolidated            |                 |        |                                       |                  |                      |                   |   |  |  |
| subsidiaries                                      | ,               |        | •                                     |                  | (422)                |                   | ٠                                       |  | (422)  |
| Net effect of increase in affiliates              |                 |        |                                       |                  |                      |                   |   |  |  |
| accounted for by the equity method                |                 |        |                                       |                  | 1,594                |                   |   |  | 1,594  |
| Effect of increase in mergers of                  |                 |        |                                       |                  |                      |                   |   |  |  |
| non-consolidated subsidiaries                     | •               |        | *                                     |                  | 80 M                 |                   | ,                                       |  | 2  |
| Acquisition of treasury stock                     | •               |        |                                       |                  | ť                    |                   | (36)                                    |  | (38)   |
| Diaposal of treasury stock                        | •               |        | ٠                                     |                  | 9                    |                   | <b>~</b>                                |  | panj   |
| Transfer of adjustments for retirement benefits   |                 |        |                                       |                  |                      |                   |   |  |  |
| of an overseas subsidiary                         | ,               |        | •                                     |                  | 5,152                |                   | 1                                       |  | 5,152  |
| Net change during the year                        | ,               |        |                                       | esentagraphinav. | ٠                    | Carporanges       |   | Company of the Compan | E CONTRACTOR CONTRACTO |
| Balance at March 31, 2011                         |                 | 69,335 | ¥ 21,468                              | اعد              | 87.007               | >-                | (271)                                   | >-   | 177,599  |

|   | 35035       |  |
|---|-------------|--|
|   | ŝ           |  |
|   | 54 55 55 55 |  |
|   | 2           |  |
| , | Ž           |  |

|   |                     | Accumul        | Accumulated other comprehensive income | hensive income        |                       |                   |                      |
|---|---------------------|----------------|--|-----------------------|-----------------------|-------------------|----------------------|
|   | Unrealized          | Deferred gain  | Adjustments                            | Foreign               | Total                 |                   |                      |
|   | available for       | under hedge    | ienebis of an eversea                  | translation           | comprehensive         | Minority          | Total net            |
|   | sale securities     | gangarowa      | sufisitiony                            | adjustments           | inco                  | interests         | 888668               |
| Balance at March 31, 2009                               | ¥ 12,616            | ¥ (5,486)      | i i                                    | ¥ (18,729)            | (11,579)              | ¥ 47,728          | ¥ 150,429            |
| Exercise of stock acquisition rights                    |                     |                | 7                                      |                       |                       | ,                 | 88                   |
| Effect of decrease in exchange of equity interest       |                     | ,              | ,                                      | ,                     | ·                     |                   | 1,357                |
| Cash dividends paid                                     | ì                   |                |  | ,                     | •                     | •                 | (3.512)              |
| Net income  |                     | •              |  |                       |                       | •                 | 9,704                |
| Net effect of increase in consolidated                  |                     |                |  |                       |                       |                   |                      |
| subsidiaries  | •                   | ,              | •                                      | •                     | •                     |                   | 97                   |
| Adjustments for retirement benefits                     |                     |                |  |                       |                       |                   |                      |
| of overseas subsidiaries                                |                     |                |  |                       |                       | •                 | 655                  |
| Acquisition of treasury stock                           | ,                   | •              | ,                                      | ,                     | \$                    | •                 | 3                    |
| Disposal of treasury stock                              | ,                   | •              | •                                      | ,                     |                       | •                 | ©                    |
| Net change during the year                              | 3,867               | 6,371          | •                                      | 2, 143                | 12,381                | (2,216)           | 10,165               |
| Balance at March 31, 2010                               | ¥ 16,483            | 908            | ,                                      | ¥ (16,586)            | ¥ 802                 | ¥ 45,512          | ¥ 208,929            |
| Exercise of etork acquisition rights                    | ٠                   | ,              | d                                      | ٠                     |                       |                   | ٠                    |
| Effect of decrease in exchange of equity interest       | ٠                   | ۵              |  | v                     |                       |                   |                      |
| Cash dividends paid                                     | v                   | A.             |  | ě                     | *                     | ,                 | (3,631)              |
| Net income  | >                   | ,              |  |                       | ,                     | ,                 | 12,213               |
| Net effect of increase in consolidated                  |                     |                |  |                       |                       |                   |                      |
| subsidiaries  | *                   | ٠              | `                                      | ٠,٨                   | >                     |                   | (422)                |
| Net effect of increase in affiliates                    |                     |                |  |                       |                       |                   |                      |
| accounted for by the equity method                      | 6                   |                |  | ٠                     | ÷                     |                   | 1,594                |
| Effect of increase in mergers of                        |                     |                |  |                       |                       |                   |                      |
| non-consolidated subsidiaries                           |                     | ×              | ×                                      |                       | *                     | ŏ                 | 133                  |
| Acquisition of treasury stock                           | Þ                   | ¥              | š                                      | ÷                     | ş                     | ş                 | (36)                 |
| Disposal of freasury stock                              |                     |                | ٧                                      | ¥                     | ē.                    | ,                 | ,1                   |
| Transfer of adjustments for retirement benefits         |                     |                |  |                       |                       |                   |                      |
| of an overseas subsidiary                               |                     |                | (5,152)                                |                       | (5, 152)              |                   | œ                    |
| Net change during the year<br>Balance at March 31, 2011 | (2.261)<br>Y 14.222 | (267)<br>¥ 638 | 1,535<br>Y (3,617)                     | (6,287)<br>Y (22,873) | (7,280)<br>Y (11,630) | 4,424<br>Y 49,936 | (9.856)<br>Y 215,906 |
|   |                     |                |  |                       |                       |                   |                      |

See accompanying notes to consolidated financial statements.

# CONSOLIDATED STATEMENTS OF CHANGES IN NET ASSETS FURUKAWA BIJECTRIC CO., LTD. AND ITS SUBSIDIARIES

For the years ended March 31, 2011 and 2010

|   |                 |         |     | Tho  | กรมก                                    | Thousands of U.S. dollars (Note 3) | Š    | ote 3)  |                        |
|---|-----------------|---------|-----|--|---|------------------------------------|------|---------|------------------------|
|   |                 |         |     |  | S                                       | Shareholders' equity               | tity |         |                        |
|   |                 | Common  | \   | Cantife Cantif |   | Reginor                            | •    | Common  | Total<br>Shareholders' |
|   |                 | STORK   | 92  | surplus  |   | earnings                           |      | stock   | equity                 |
| Balance at March 31, 2010                         | <del>ዕ</del> ዓን | 836,084 | 943 | 258,651  | 6/3                                     | 867,325                            | **   | (2,843) | \$ 1,959,217           |
| Exercise of stock acquisition rights              |                 | v       |     |  |   | ÷                                  |      | ¢.      | ٠                      |
| Effect of decrease in exchange of equity interest |                 |         |     |  |   | ,                                  |      | *       | ,                      |
| Cash dividends paid                               |                 | •       |     | ,  |   | (42,542)                           |      | •       | (42,542)               |
| Net income  |                 | ¢       |     | ,  |   | 147,145                            |      |         | 147,145                |
| Net effect of increase in consolidated            |                 |         |     |  |   |                                    |      |         |                        |
| subsidiaries                                      |                 |         |     | :  |   | (5,084)                            |      | •       | (5,084)                |
| Net effect of increase in affiliates              |                 |         |     |  |   |                                    |      |         |                        |
| accounted for by the equity method                |                 |         |     |  |   | 19,205                             |      | •       | 19,205                 |
| Effect of increase in mergers of                  |                 |         |     |  |   |                                    |      |         |                        |
| non-consolidated subsidiaries                     |                 |         |     | •  |   | 156                                |      | •       | 156                    |
| Anquisition of treasury stock                     |                 | ,       |     | •  |   | ,                                  |      | (434)   | (484)                  |
| Disposal of treasury stock                        |                 | 4       |     | ì  |   | 3                                  |      | 2       | 23                     |
| Transfer of adjustments for retirement benefits   |                 |         |     |  |   |                                    |      |         |                        |
| of an overseas subsidiary                         |                 | ,       |     | •  |   | 62,072                             |      |         | 62,072                 |
| Net change during the year                        |                 |         |     |  | *************************************** |                                    | 2000 |         |                        |
| Balanco at March 31, 2011                         | ses.            | 836,084 | *   | 258,651  | *                                       | 1,048,277                          | S    | (3,265) | \$ 2,139,747           |
|   |                 |         |     |  |   |                                    |      |         |                        |

Thousands of U.S. dollars (Note 3)

|   | Unrealized      | Accumu<br>Deferred gain | Accumulated other comprehensive income edgain Adjustments Foreign | ensive income<br>Foreign | Total             |            |              |
|---|-----------------|-------------------------|---|--------------------------|-------------------|------------|--------------|
|   | gain on         | on derivatives          | br tetirament   | currency                 | accumulated other |            |              |
|   | available-for-  | under hedge             | ixenefits of an overseas  | translation              | comprehensive     | Minority   | Total net    |
|   | sale securities | Recenting               | subeidiary  | adjustments              | income            | interests  | assets       |
| Balance at March 31, 2010                         | \$ 198,590      | ₹7.5                    |   | (199,831)                | \$ 9,663          | \$ 548,337 | \$ 2,517,217 |
| Exercise of stock acquisition rights              | ٠               | ٠                       | ٠   | ٠                        |                   | ð          |              |
| Effect of decrease in exchange of equity interest |                 |                         |   | ,                        | ٠                 |            |              |
| Cash dividends paid                               | ٠               |                         | ,   | ,                        | •                 | ,          | (42,542)     |
| Netincome   | 4               |                         |   | v                        | •                 | •          | 147,145      |
| Net effect of increase in consolidated            |                 |                         |   |                          |                   |            |              |
| aubsidiaries                                      |                 | •                       |   | ×                        | •                 | ,          | (5,084)      |
| Net effect of increase in affiliates              |                 |                         |   |                          |                   |            |              |
| accounted for by the equity method                |                 | *                       | ¢   | ś                        | ,                 | ŀ          | 19,205       |
| Effect of increase in mergers of                  |                 |                         |   |                          |                   |            |              |
| non-consolidated subsidiaries                     |                 | ٠                       | %.  |                          |                   |            | 156          |
| Acquisition of treasury stock                     | ti.             | je.                     | ş   | >                        | •                 | ,          | (434)        |
| Disposal of treasury stack                        |                 |                         |   |                          | •                 |            | 22           |
| Pransfer of adjustments for retirement benefits   |                 |                         |   |                          |                   |            |              |
| of an overseas subsidiary                         | ٠               | ¥                       | (62,072)  | ٠                        | (62,072)          | >          | •            |
| Net change during the year                        | (27,241)        | (3,217)                 | 18,494  | (75,747)                 | (87,711)          | 53,301     | (34,410)     |
| ce at March 31, 2011                              | \$ 171,349      | 7,687                   | \$ (43,578)   | \$ (275,578)             | \$ (1.40,120)     | \$ 601,638 | \$ 2,601,265 |

See accompanying notes to consolidated financial statements.

### CONSOLIDATED STATEMENTS OF CASH FLOWS FURUKAWA ELECTRIC CO., LTD. AND ITS SUBSIDIARIES

For the years ended March 31, 2011 and 2010

|   |   | Million                                | ıs of                                   | ven                                    | U.                                      | ousands of<br>S. dollars<br>(Note 3) |
|---|---|--|---|--|---|--------------------------------------|
|   | *************************************** | 2011                                   |   | 2010                                   | **********                              | 2011                                 |
| Cash flows from operating activities:         | <del></del>                             | ······································ | *************************************** | ************************************** | *************************************** |                                      |
| Income before income taxes                    |   |  |   |  |   |                                      |
| and minority interests                        | ¥                                       | 23,586                                 | ¥                                       | 10,947                                 | \$                                      | 284,169                              |
| Adjustments for:                              |   | ,                                      |   | ,                                      |   | •                                    |
| Depreciation and amortization                 |   | 40,396                                 |   | 42,461                                 |   | 486,699                              |
| Gain on sales of marketable securities and    |   | ŕ                                      |   | ·                                      |   |                                      |
| investment securities                         |   | (2,158)                                |   | (5,689)                                |   | (26,000)                             |
| Equity in income of non-consolidated          |   | ,                                      |   |  |   |                                      |
| subsidiaries and affiliates                   |   | (634)                                  |   | (3,271)                                |   | (7,639)                              |
| (Gain) loss on disposal of property, plant    |   |  |   |  |   |                                      |
| and equipment, net                            |   | (726)                                  |   | 1,415                                  |   | (8,747)                              |
| Loss on write-down of inventories             |   | 554                                    |   | 553                                    |   | 6,675                                |
| Loss on write-down of investment securities   |   | 3,466                                  |   | 287                                    |   | 41,759                               |
| Impairment loss                               |   | 2,410                                  |   | 2,636                                  |   | 29,036                               |
| Interest and dividend income                  |   | (2,368)                                |   | (2,189)                                |   | (28,530)                             |
| Interest expense                              |   | 6,012                                  |   | 6,415                                  |   | 72,434                               |
| Foreign exchange loss(gain), net              |   | 228                                    |   | (1,674)                                |   | 2,747                                |
| Increase in trade receivable                  |   | (13,228)                               |   | (38,641)                               |   | (159,373)                            |
| (Increase) decrease in inventories            |   | (15,720)                               |   | 7,122                                  |   | (189,398)                            |
| Increase in trade payable                     |   | 6,428                                  |   | 19,019                                 |   | 77,445                               |
| Decrease in accrued retirement benefits       |   | (4,609)                                |   | (6,057)                                |   | (55,530)                             |
| Decrease in provision for environmental costs |   | (1,055)                                |   | (1,318)                                |   | (12,711)                             |
| Other, net                                    |   | 2,511                                  |   | 5,689                                  |   | 30,253                               |
| Subtotal                                      | -                                       | 45,093                                 | 4,                                      | 37,705                                 |   | 543,289                              |
| Interest and dividend income received         |   | 3,734                                  |   | 2,549                                  |   | 44,988                               |
| Interest expense paid                         |   | (6,086)                                |   | (6,437)                                |   | (73,325)                             |
| Income taxes (paid) received                  |   | (5,620)                                |   | 2,851                                  |   | (67,711)                             |
| Net cash provided by operating activities     |   | 37,121                                 |   | 36,668                                 |   | 447,241                              |
| Cash flows from investing activities:         |   |  |   |  |   |                                      |
| Purchase of property, plant and               |   |  |   |  |   |                                      |
| equipment                                     |   | (23,088)                               |   | (27,884)                               |   | (278, 169)                           |
| Purchase of intangible assets                 |   | (2,110)                                |   | (1,939)                                |   | (25,421)                             |
| Purchase of investment securities             |   | (4,232)                                |   | (14,869)                               |   | (50,988)                             |
| Proceeds from sales of investment securities  |   | 4,530                                  |   | 17,307                                 |   | 54,578                               |
| Proceeds from sales of non-current assets     |   | 2,206                                  |   | 2,302                                  |   | 26,578                               |
| Decrease in short-term loan, net              |   | 1,235                                  |   | ***                                    |   | 14,880                               |
| Other   |   | 77                                     |   | (30)                                   |   | 928                                  |
| Net cash used in investing activities         |   | (21,382)                               |   | (25,113)                               |   | (257,614)                            |

|   | Millior                                 | as of yen                               | Thousands of<br>U.S. dollars<br>(Note 3)  |
|---|---|---|---|
|   | 2011                                    | 2010                                    | 2011  |
| Cash flows from financing activities:                     | 20000000000000000000000000000000000000  |   |   |
| Increase (decrease) in short-term debt, net               | 5,697                                   | (27,148)                                | 68,638  |
| Proceeds from long-term debt                              | 26,768                                  | 39,808                                  | 322,506   |
| Repayment of long-term debt                               | (27,114)                                | (31,767)                                | (326,674)   |
| Proceeds from issuance of bonds                           | 10,200                                  | 2,270                                   | 122,892   |
| Repayment of redemption of bonds                          | (31,878)                                | (2,700)                                 | (384,072)   |
| Proceeds from issuance of stock                           | 192                                     | 38                                      | 2,313   |
| Cash dividends paid                                       | (3,532)                                 | (3,517)                                 | (42,554)  |
| Cash dividends paid to minority shareholders              | (954)                                   | (619)                                   | (11,494)  |
| Payments for purchase of common treasury stock            | (4)                                     | (4)                                     | (48)  |
| Proceeds from sales and leaseback of property, plant      |   |   |   |
| and equipment   | 2,295                                   | +                                       | 27,650  |
| Other   | 13                                      | 57                                      | 156   |
| Net cash used in financing activities                     | (18,317)                                | (23,582)                                | (220,687)   |
| Effect of exchange rate changes on cash and cash          | (,,                                     | ,,                                      | , |
| equivalents   | (1,200)                                 | 318                                     | (14,458)  |
| Net decrease in cash and cash equivalents                 | (3,778)                                 | (11,709)                                | (45,518)  |
| Cash and cash equivalents at beginning of year            | 40,808                                  | 53,453                                  | 491,663   |
| Cash and cash equivalents of newly consolidated           | ,                                       | ,                                       |   |
| subsidiaries  | 593                                     | 1,585                                   | 7,145   |
| Cash and cash equivalents of a de-consolidated subsidiary | *                                       | (2,665)                                 | *   |
| Net increase in cash and cash equivalents from mergers    | 24                                      | 144                                     | 289   |
|   | *************************************** | *************************************** | *******   |
| Cash and cash equivalents at end of year (Note 4)         | ¥ 37,647                                | ¥ 40,808                                | \$ 453,579  |

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

### FURUKAWA ELECTRIC CO., LTD. AND ITS SUBSIDIARIES

### 1. Basis of Presenting Consolidated Financial Statements

The accompanying consolidated financial statements of Furukawa Electric Co., Ltd. (the "Company") and its subsidiaries are prepared on the basis of accounting principles generally accepted in Japan, which are different in certain respects as to application and disclosure requirements from International Financial Reporting Standards (hereinafter "IFRSs"), and are compiled from the consolidated financial statements prepared by the Company as required by the Financial Instruments and Exchange Law of Japan.

The accompanying consolidated financial statements include the accounts of the Company and significant companies controlled by directly or indirectly by the Company.

Companies over which the Company exercises significant influence in terms of their operating and financial policies have been accounted for by the equity method.

Effective April 1, 2008, the Practical Solution on Unification of Accounting Policies Applied to Foreign Subsidiaries for Consolidated Financial Statements (ASBJ Practical issues task Force (PITF) No.18) and effective April 1, 2010, the Practical Solution on Unification of Accounting Policies Applied to Associates Accounted for using Equity Method (PITF No.24) has been adopted.

In accordance with these PITF, the accompanying consolidated financial statements have been prepared based on the financial statements of foreign consolidated subsidiaries and affiliates prepared in accordance with either IFRSs or accounting principles generally accepted in the United States of America as adjusted for certain items including goodwill, actuarial differences and capitalized development costs.

Certain items presented in the consolidated financial statements submitted to the directors of Kanto Finance Bureau in Japan have been reclassified in these accounts for the convenience of readers outside Japan.

### 2. Significant Accounting Policies

### a) Basis of consolidation

The consolidated financial statements include the accounts of the Company and its 109 and 106 major subsidiaries in 2011 and 2010, respectively. All significant intercompany accounts and transactions have been eliminated in consolidation.

Investments in its 18 and 16 major affiliates in 2011 and 2010, respectively, are accounted for by the equity method.

The excess of purchase price over the value of net assets of businesses acquired, which is included in "Other assets", is in principle, amortized over a five-year period or the estimated useful lives, if the useful life, over which future economic benefits are expected, can reasonably be estimated, using the straight-line method.

### b) Cash and cash equivalents

Cash and cash equivalents in the consolidated statements of cash flows are composed of cash on hand, bank deposits capable of being withdrawn on demand and short-term investments with an original maturity of three months or less and subject to a minor risk of fluctuation in value.

### c) Financial instruments

### 1) Debt and equity securities

Debt securities for which the Company and its consolidated subsidiaries have both the positive intent and ability to hold to maturity are classified as "held-to-maturity debt securities" and carried at amortized cost. Securities other than held-to-maturity debt securities and investments in equity securities of non-consolidated subsidiaries and affiliates are classified as "available-for-sale securities" and carried at fair value with unrealized gain and loss, net of tax, reported as a separate component of net assets. For the purpose of computing gain and loss on securities sold, the cost of these securities is determined using the moving average method. Securities that do not have readily determinable fair values are recorded at cost. The Company and its consolidated subsidiaries do not hold any trading securities.

Debt securities due within one year are presented as "Marketable securities" under current assets, and all other securities are presented as "Investments and long-term loans" in the accompanying balance sheets.

Additional information with respect to marketable debt and equity securities is included in Note 5.

### 2) Derivatives

Derivative financial instruments are measured at fair value, if determinable, and resulting gain or loss is included in net income, with the exception that gain or loss on certain qualified hedging instruments may be deferred as an a part of "Net assets" until the gain and loss on the hedged items is recognized. The Company's hedging activities for interest rate risk on outstanding debt, foreign currency risk and fluctuation risk in market prices are considered qualified hedge transactions.

Additional information on derivatives is presented in Note 21.

### d) Allowance for doubtful accounts

Allowance for doubtful accounts is provided at the amount of estimated non-recoverable receivables on an individual account basis, plus the amount calculated by applying the historical bad debt loss ratios to the remaining receivables.

### e) Inventories

Inventories are stated principally at cost determined using the average method, which requires the amount of the inventories on the balance sheets be written down when there is a decrease in profitability.

### (f) Property, plant and equipment, and depreciation

Property, plant and equipment, including significant capital expenditures and additions, are stated at cost. Repairs and maintenance expense are charged to income as incurred.

Buildings owned by the Company and its significant domestic consolidated subsidiaries are depreciated using the straight-line method and the remaining properties of these companies are depreciated using the declining-balance method. Foreign consolidated subsidiaries' properties are depreciated principally using the straight-line method.

### g) Accrued retirement benefits

Employees who terminate their service with the Company or its domestic consolidated subsidiaries are entitled to lump-sum severance indemnities determined based on accumulated points allocated to employees each year according to their job classification and performance. The liability for these severance indemnities is not funded.

The retirement benefit plans of the Company and its domestic consolidated subsidiaries have features whereby employees who retire at age 55 or over with 20 or more years of service may elect to receive benefits in the form of pensions. These plans, which are non-contributory and funded, generally provide for an annuity payable over a ten-year period subsequent to retirement. The annual contributions for pension benefits include current service costs, amortization of prior service costs and interest on the unfunded portion of past service costs.

The Company and its domestic consolidated subsidiaries accrue retirement benefits based on the estimated amounts of projected benefit obligation reduced by the fair value of the pension plan assets at each fiscal year-end. Certain assumptions used in accounting for the benefit plans are described in Note 12.

A minimum pension liability adjustment is required for the Company's consolidated subsidiaries in the U.S., generally when the accumulated benefit obligation exceeds plan assets under U.S. GAAP. The minimum liability adjustment, less allowable intangible assets, is directly charged to retained earnings, net of tax benefit, in the accompanying consolidated financial statements.

In addition, retirement benefits to directors and statutory auditors of the Company's consolidated subsidiaries are provided at the amount which would be required if all

directors and statutory auditors were to retire at the balance sheet date according to internal regulations.

### h) Provision for product defect compensation

Provision for product defect compensation is provided at an amount deemed necessary to cover possible compensation costs.

### i) Provision for environmental costs

Provision for environmental costs, mainly to remove Poly Chlorinated Biphenyl ("PCB") and to improve soil conservation, is provided to cover estimated future costs.

### j) Provision for penalties under the Antimonopoly Law

Provision for penalties under the Antimonopoly Law is provided for payments of penalties on Telecommunications business in accordance with the Antimonopoly Law.

### k) Provision for loss on disaster

Provision for loss on disaster is provided to cover estimated future costs in order to undertake the restoration of damaged assets due to the Great East Japan Earthquake.

### l) Leases

Depreciation of finance lease assets that transfer ownership of the assets, mainly office equipment in the copper foil business division, is calculated by the same method applied for property, plant and equipment.

Depreciation of finance lease assets, which do not transfer ownership of the assets at the end of the lease term, is calculated by the straight-line method over the lease periods, which are deemed as the useful lives, assuming no residual value.

However, finance lease transactions entered before March 31, 2008, which do not substantially transfer ownership of the assets, are continuously accounted for as operating leases.

### m) Revenue recognition

Operating revenue is mainly recorded upon shipment of goods.

Revenue is recognized by the percentage-of-completion method for construction contracts of which the outcome of the progress performed by the end of the year is deemed to be certain. The construction progress is estimated based on the percentage of construction costs incurred for the work performed to date compared to the estimated total construction costs ("cost-comparison method"). For other construction contracts, such revenue is recognized by the completed-construction method.

### n) Research and development costs, and computer software

Research and development expenditure is charged to income when incurred. Expenditure relating to computer software developed for internal use is charged to income when incurred, except when it contributes to the generation of income or to future cost savings. Such expenditure is capitalized as an asset and amortized using the straight-line method over its estimated useful life of 5 years.

### o) Income taxes

Accrued income taxes are recorded based on the Company's income tax returns.

Deferred income taxes are recognized to reflect the net tax effects of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for income tax purposes, and measured using the enacted tax rates and laws which will be in effect when differences are expected to reverse.

The Company has elected to file its tax return under the consolidated tax filing system.

### p) Translation of foreign currency accounts

Current and non-current monetary items denominated in foreign currencies are translated into Japanese yen at exchange rates in effect at the respective balance sheet dates. Monetary items denominated in foreign currencies, for which foreign exchange forward contracts are used to hedge the foreign currency fluctuation, are translated into Japanese yen at the contracted rates. Exchange gain or loss is credited or charged to current operations.

The Company translates the revenue and expense accounts of the overseas consolidated subsidiaries and affiliates accounted for by the equity method at the average rates of exchange in effect during the year. The balance sheet accounts except for the components of net assets excluding minority interests in the overseas consolidated subsidiaries and affiliates accounted for by the equity method, are translated into Japanese yen at the rates of exchange in effect at the respective balance sheet date. The components of net assets excluding minority interests in the overseas consolidated subsidiaries and affiliates accounted for by the equity method are translated at their historical exchange rates. Differences arising from translation where two exchange rates have been used are presented under translation adjustments as a component of net assets.

### q) Cash dividends

Dividends paid out of earnings are, in principle, approved by the shareholders' meeting. Interim dividends can be paid at any time during the fiscal year by resolution of the board of directors, if the Article of Incorporation set out for such dividends under the Corporate Law of Japan.

The Corporate Law of Japan provides certain limitations on the amount available for dividends.

### r) Net income per common share

The consolidated statements of income include "basic" and "diluted" per share information. Basic per share income is calculated by dividing net income by the weighted average number of shares of common stock outstanding during the respective years. The weighted average number of shares used in the calculation of basic net income per common share was 706,093 thousand and 703,129 thousand for the years ended March 31, 2011 and 2010, respectively. The only difference in the calculation of basic and diluted net income per common share is the inclusion of 5 thousand potential common shares, which are subscriptions rights for the year ended March 31, 2010.

### s) Impairment of property, plant and equipment

Property, plant and equipment are periodically reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. An impairment loss shall be recognized in the statements of income by reducing the carrying amount of impaired assets or a group of assets to the recoverable amount, to be measured as the higher of net selling price or value in use.

Accumulated loss of impairment is deducted directly from the acquisition costs of the related assets in accordance with the revised disclosure requirements.

Additional information on impairment of property, plant and equipment, and depreciation is presented in Note 17.

### t) Change in accounting policy

- (1) Effective from the year ended March 31, 2011, the "Accounting Standard for Asset Retirement Obligations" (ASBJ Statement No. 18 of March 31, 2008) and the "Guidance on Accounting Standard for Asset Retirement Obligations" (ASBJ Guidance No. 21 of March 31, 2008) has been adopted. The effect of this change was to decrease net income before taxes by \(\frac{\frac{1}}{2}\)1,263 million (\\$15,217 thousand). The effect of this change was immaterial to operating income.
- (2) Effective from the year ended March 31, 2011, the "Accounting Standard for Equity Method of Accounting for Investments" (ASBJ Statement No. 16 of March 10, 2008) and "Practical Solution on Unification of Accounting Policies Applied to Associates Accounted for Using the Equity Method" (PITF) No. 24 of March 10, 2008) has been adopted. The adoption of these accounting standards did not have material impact on the company's results of operation and financial position.
- (3) Effective from the year ended March 31, 2011, the "Accounting Standard for Business Combinations" (ASBJ Statement No. 21 of December 26, 2008), the "Accounting Standard for Consolidated Financial Statements" (ASBJ Statement No. 22 of December 26, 2008), the "Partial Amendments to Accounting Standard for Research and Development Costs" (ASBJ Statement No. 23 of December 26, 2008), the "Revised

Accounting Standard for Business Divestitures" (ASBJ Statement No. 7 of December 26, 2008), the "Revised Accounting Standard for Equity Method of Accounting for Investments" (ASBJ Statement No. 16 of December 26, 2008) and the "Revised Guidance on Accounting Standard for Business Combinations and Accounting Standard for Business Divestitures" (ASBJ Guidance No.10 of December 26, 2008), has been adopted.

### u) Accounting Standards for Presentation of Comprehensive Income

Effective from the year ended March 31, 2011, the "Accounting Standards for Presentation of Comprehensive Income" (ASBJ Statement No. 25, June 30, 2010) has been adopted. In accordance with this standard, consolidated statement of comprehensive income for the year ended March 31, 2010 is disclosed in Note 19.

### 3. U.S. Dollar Amounts

Amounts in U.S. dollars are included solely for the convenience of readers outside Japan. The rate of  $\times$  83 =U.S. \$ 1, the approximate rate of exchange for the year ended March 31, 2011, has been used for the purpose of the translation. The inclusion of such amounts is not intended to imply that Japanese yen have been or could be readily converted, realized or settled in U.S. dollars at this rate or any other rate.

### 4. Cash Flow Information

Cash and cash equivalents at March 31, 2011 and 2010 consisted of

|  | Million  | s of yen | Thousands<br>of<br>U.S. dollars |
|--|----------|----------|---------------------------------|
|  | 2011     | 2010     | 2011                            |
| Cash and bank deposits  Less, time deposits with an original maturity of more than 3 | ¥41,899  | ¥ 45,346 | \$ 504,807                      |
| months   | (4,266)  | (4,553)  | (51,397)                        |
| Highly liquid securities   | 14       | 15       | 169                             |
| Cash and cash equivalents  | ¥ 37,647 | ¥ 40,808 | \$ 453,579                      |

### 5. Debt and Equity Securities

Investments in debt and equity securities that have a readily determinable fair value at March 31, 2011 and 2010 included in "Marketable securities" (Current assets) and in "Investments and long-term loans" (Non-current assets) are summarized as follows:

|  | Millions of yen |            |                             |                             |
|--|-----------------|------------|-----------------------------|-----------------------------|
|  |                 | 20         | 11                          |                             |
|  | Cost            | Fair value | Gross<br>unrealized<br>gain | Gross<br>unrealized<br>loss |
| Held-to-maturity debt securities:              |                 |            |                             |                             |
| Government bonds,<br>municipal bonds and other | ¥ 1             | ¥ 1        | ¥ -                         | ¥ -                         |
| Other debt securities                          | 213             | 215        | 2                           |                             |
| Total held to maturity debt securities         | ¥ 214           | ¥ 216      | ¥ 2                         | ¥ -                         |
| Available for sale securities:                 |                 |            |                             |                             |
| Marketable equity securities                   | ¥ 23,793        | ¥ 47,764   | ¥ 25,711                    | ¥ 1,740                     |
| Other securities                               | 7               | 4          |                             | 3                           |
| Total available for sale securities            | ¥ 23,800        | ¥ 47,768   | ¥ 25,711                    | ¥ 1,743                     |

|   |                | Millions<br>201   |  |  |
|---|----------------|-------------------|--|--|
|   | Cost           | Fair value        | Gross<br>unrealized<br>gain  | Gross<br>unrealized<br>loss  |
| Held-to-maturity debt<br>securities:<br>Government bonds, |                |                   |  |  |
| municipal bonds and other                                 | $\mathbf{Y}$ 2 | $ \mathbf{Y}  2 $ | ¥ —  | ¥ -  |
| Other debt securities                                     | 214            | 218               | 4  | _  |
| Total held-to-maturity                                    |                |                   | Can concern communication and an enterior more recommunication and an enterior more r | - Control of the Cont |
| debt securities   | ¥ 216          | ¥ 220             | ¥ 4  | ¥ -  |
| Available for sale securities:                            |                |                   |  |  |
| Marketable equity securities                              | ¥ 27,216       | ¥ 55,323          | ¥ 29,250   | ¥ 1,143  |
| Other securities  | 0              | 0                 | ***************************************  |  |
| Total available-for-sale securities                       | ¥ 27,216       | ¥ 55,323          | ¥ 29,250   | ¥ 1,143  |

|   | Thousands of U.S. dollars |            |                             |                             |
|---|---------------------------|------------|-----------------------------|-----------------------------|
|   | 2011                      |            |                             |                             |
|   | Cost                      | Fair value | Gross<br>unrealized<br>gain | Gross<br>unrealized<br>loss |
| Held-to-maturity debt securities:                                       |                           |            |                             |                             |
| Government bonds, municipal bonds<br>and other<br>Other debt securities | \$ 12                     | \$ 12      | \$ -                        | \$ <del>-</del>             |
| Other debt securities   | 2,566                     | 2,590      | 24                          |                             |
| Total held-to-maturity debt securities                                  | \$ 2,578                  | \$ 2,602   | \$ 24                       | <u> </u>                    |
| Available-for-sale securities:  |                           |            |                             |                             |
| Marketable equity securities  | \$ 286,663                | \$ 575,470 | \$ 309,771                  | \$ 20,964                   |
| Other securities  | 84                        | 48         | www.                        | 36                          |
| Total available-for-sale securities                                     | \$ 286,747                | \$ 575,518 | \$ 309,771                  | \$ 21,000                   |

Proceeds from sales of available-for-sale securities for the years ended March 31, 2011 and 2010 were \(\xi\_3,172\) million (\\$38,216\) thousand) and \(\xi\_5,930\) million, respectively.

The gross realized gains on those sales for the years ended March 31, 2011 and 2010 were \$2,287 million (\$27,554 thousand) and \$4,643 million, respectively, and gross realized losses were \$13 million (\$157 thousand) and \$9 million, respectively.

### 6. Trade Receivable

Trade receivable at March 31, 2011 and 2010 consisted of the following:

|                               | Million   | s of yen  | Thousands of U.S. dollars |
|-------------------------------|-----------|-----------|---------------------------|
|                               | 2011      | 2010      | 2011                      |
| Non-consolidated subsidiaries |           |           |                           |
| and affiliates                | ¥ 7,047   | ¥ 6,915   | \$ 84,904                 |
| Other                         | 220,101   | 210,184   | 2,651,819                 |
|                               | ¥ 227,148 | ¥ 217,099 | \$2,736,723               |

### 7. Inventories

Inventories at March 31, 2011 and 2010 consisted of the following:

|                            | Millions of yen |          | Thousands of U.S. dollars |  |
|----------------------------|-----------------|----------|---------------------------|--|
|                            | 2011            | 2010     | 2011                      |  |
| Finished goods             | ¥ 30,202        | ¥ 28,704 | \$ 363,880                |  |
| Work in process            | 30,360          | 25,323   | 365,783                   |  |
| Raw materials and supplies | 39,345          | 33,007   | 474,036                   |  |
|                            | ¥ 99,907        | ¥ 87,034 | \$ 1,203,699              |  |

### 8. Investments and Long-term Loans

Investments and long-term loans at March 31, 2011 and 2010 consisted of the following:

|  | Million  | s of yen           | Thousands of U.S. dollars |
|--|--|--------------------|---------------------------|
|  | 2011   | 2010               | 2011                      |
| Non-consolidated subsidiaries and affiliates | V 49 004   | ¥ 42.808           | e 500 000                 |
| Other  | $   \begin{array}{r}                                     $ | ¥ 42,808<br>60,756 | \$ <b>528,000</b> 628,060 |
|  | ¥ 95,953   | ¥ 103,564          | \$ 1,156,060              |

### 9. Property, Plant and Equipment

Property, plant and equipment at March 31, 2011 and 2010 consisted of the following:

|                          |                 |            | Thousands of |
|--------------------------|-----------------|------------|--------------|
|                          | Millions of yen |            | U.S. dollars |
|                          | 2011            | 2010       | 2011         |
|                          |                 |            |              |
| Land                     | ¥ 83,180        | ¥ 83,646   | \$ 1,002,169 |
| Buildings                | 251,661         | 250,412    | 3,032,060    |
| Machinery and equipment  | 711,442         | 707,428    | 8,571,590    |
| Leased assets            | 1,358           | 678        | 16,361       |
| Construction in progress | 7,400           | 13,257     | 89,157       |
|                          | 1,055,041       | 1,055,421  | 12,711,337   |
| Accumulated depreciation | (782,016)       | (764, 232) | (9,421,879)  |
|                          | ¥ 273,025       | ¥ 291,189  | \$ 3,289,458 |

### 10. Trade Payable

Trade payable at March 31, 2011 and 2010 consisted of the following:

|                               | Millions  | of yen    | Thousands of U.S. dollars |
|-------------------------------|-----------|-----------|---------------------------|
|                               | 2011      | 2010      | 2011                      |
| Non-consolidated subsidiaries |           |           |                           |
| and affiliates                | ¥ 2,246   | ¥ 2,529   | \$ 27,060                 |
| Other                         | 118,627   | 112,516   | 1,429,241                 |
|                               | ¥ 120,873 | ¥ 115,045 | \$ 1,456,301              |

### 11. Short-term Debt, Long-term Debt and Bonds

Short term debt represents notes payable to banks, most of which are unsecured, bank overdrafts commercial papers issued by the Company, and bearing interest at rates ranging from 0.020% to 10.250% and from 0.040% to 6.040% per annum at March 31, 2011 and 2010, respectively.

Bonds and Long-term debt at March 31, 2011 and 2010 consisted of the following:

|                                      | 3 #**T   | e         | Thousands of               |
|--------------------------------------|--|-----------|----------------------------|
|                                      | Millions of yen  |           | U.S. dollars               |
|                                      | 2011   | 2010      | 2011                       |
|                                      |  |           |                            |
| 1.22% unsecured bonds due 2011       | ¥  | ¥ 20,000  | \$ -                       |
| 1.87% unsecured bonds due 2011       | 20,000   | 20,000    | 240,964                    |
| 1.46% unsecured bonds due 2011       | •  | 10,000    | *                          |
| 1.76% unsecured bonds due 2012       | 10,000   | 10,000    | 120,482                    |
| 1.28% unsecured bonds due 2012       | 5,000  | 5,000     | 60,241                     |
| 1.11% unsecured bonds due 2011       | 2,000  | 2,000     | 24,096                     |
| 1.56% unsecured bonds due 2014       | 2,000  | 2,000     | 24,096                     |
| 0.69% unsecured bonds due 2015       | 10,000   | •         | 120,482                    |
| Secured bonds issued by consolidated |  |           |                            |
| subsidiaries, due from 2009 to 2014  |  |           |                            |
| with interest rates ranging from     |  |           |                            |
| 0.64% to 1.82%                       | 4,066  | 5,744     | 48,988                     |
| Loans, principally from banks and    |  |           |                            |
| insurance companies, due from 2012   |  |           |                            |
| to 2017 with interest rates ranging  |  |           |                            |
| from 0.197% to 10.250% and           |  |           |                            |
| predominantly collateralized         | 188,978  | 188,641   | 2,276,843                  |
| •                                    | 242,044  | 263,385   | 2,916,192                  |
| Less: portion due within one year    | 53,176   | 58,259    | 640,674                    |
| •                                    | ¥ 188,868  | ¥ 205,126 | \$ 2,275,518               |
|                                      | The second of th |           | was accessed to the second |

At March 31, 2011, the following assets were pledged as collateral for short-term debt of \\ \pm 1,144\ \text{million} (\\$13,783\ \text{thousand}), \long-term debt of \\ \pm 2,249\ \text{million} (\\$27,096\ \text{thousand}), \\ \text{bonds of }\\ \pm 487\ \text{million} (\\$5,868\ \text{thousand})\ \text{ and others of }\\ \pm 484\ \text{million} (\\$5,831\ \text{thousand}).

|                               | Millions of yen | Thousands of U.S. dollars |  |
|-------------------------------|-----------------|---------------------------|--|
|                               | 2011            | 2011                      |  |
| Property, plant and equipment | ¥ 11,413        | \$ 137,506                |  |
| Investments in securities     | 141             | 1,699                     |  |
| Cash and bank deposits        | 154             | 1,855                     |  |
|                               | ¥ 11,708        | \$ 141,060                |  |

At March 31, 2010, the following assets were pledged as collateral for short-term debt of \$2,130 million, long-term debt of \$2,903 million, bonds of \$536 million and others of \$473 million.

|                               | Millions of |  |
|-------------------------------|-------------|--|
|                               | yen         |  |
|                               | 2010        |  |
| Property, plant and equipment | ¥ 18,985    |  |
| Investments in securities     | 143         |  |
| Cash and bank deposits        | 154         |  |
|                               | ¥ 19,282    |  |

The aggregate annual maturities of the non-current portion of long-term debt and bonds at March 31, 2011 were as follows.

| Year ending March 31 | Millions of yen | Thousands of U.S. dollars |
|----------------------|-----------------|---------------------------|
| 2013                 | ¥ 57,396        | \$ 691,518                |
| 2014                 | 30,456          | 366,940                   |
| 2015                 | 50,346          | 606,578                   |
| 2016                 | 22,619          | 272,518                   |
| 2017 and thereafter  | 28,051          | 337,964                   |
|                      | ¥ 188,868       | \$ 2,275,518              |

### 12. Severance and Retirement Plans

The following table sets forth the retirement benefit obligation, plan assets and funded status of the Company and its domestic consolidated subsidiaries at March 31, 2011 and 2010:

| 10 2011<br>12,582 \$1,340,988       |
|-------------------------------------|
| 12 582 \$1 340 988                  |
| Ψ1,510,500                          |
| 31,205) (434,506)                   |
| 81,377 906,482<br>16,025) (180,771) |
| (554) (14,121)                      |
| 64,798 711,590                      |
| *                                   |
| 64,798 \$ 711,590                   |
|                                     |

The severance and retirement benefit expenses of the Company and its consolidated subsidiaries included the following components for the years ended March 31, 2011 and 2010.

|                                       | Millions         | of yen           | Thousands of U.S. dollars |
|---------------------------------------|------------------|------------------|---------------------------|
|                                       | 2011             | 2010             | 2011                      |
| Service costs                         | W 6 100          | 37 5 450         | Ф ДОДЕО                   |
| Interest costs                        | ¥ 6,122<br>2,396 | ¥ 5,453<br>2,839 | \$ 73,759<br>28,867       |
| Expected return on plan assets        | (943)            | (854)            | (11,361)                  |
| Amortization of actuarial differences | 2,707            | 1,999            | 32,614                    |
| Amortization of prior service costs   | 102              | 62               | 1,229                     |
| Retirement benefit expense            | ¥ 10,384         | ¥ 9,499          | \$ 125,108                |

Assumptions used in accounting for the employees' retirement benefit plans for the years ended March 31, 2011 and 2010 were as follows:

| Discount rate  | 1.2 - 4.8% for 2011<br>and 1.7 - 5.5% for 2010 |
|--|--|
| Expected rate of return on plan assets   | 2.0 - 6.3% for 2011 and 2010                   |
| Method of attributing the projected benefits to periods of service   | Straight-line basis                            |
| Amortization of unrecognized prior service costs   | 1 -10 years for 2011 and 2010                  |
| Amortization of unrecognized actuarial differences (amortization starts from the year following that year in which they arise) | 1 -14 years for 2011 and 2010                  |

### 13. Shareholders' Equity

Under the Corporate Law of Japan, cash dividends may be paid at any time during the fiscal year with certain conditions. An amount equal to 10% of dividends is required to be appropriated as additional paid-in capital (a component of "Capital surplus") or legal reserve (a component of "Retained earnings") until the amount of additional paid-in capital and legal reserve equals 25% of common stock. The cash dividends paid out of additional paid-in capital and/or legal reserve are recorded in the financial year in which the proposed appropriation of retained earnings is approved by the board of directors and/or the shareholders. The maximum amount that the Company can distribute as cash dividends is calculated based on the non-consolidated fiscal statements of the Company.

### (Dividends)

### 1) Dividend payment

Approvals by shareholders' meeting held on June 29, 2010 are as follows:

Type of shares Common stock

Total amount of dividends \quad\ \text{\forall} 1,765 \text{ million (\$21,265 thousand)}

Dividends per share  $$\pm 2.5 (\$0.030)$$  Record date March 31, 2010 Effective date June 30, 2010

Approvals by directors' meeting held on November 8, 2010 are as follows:

Type of shares Common stock

Total amount of dividends ¥1,765 million (\$21,265 thousand)

 $\begin{array}{ll} \mbox{Dividends per share} & \mbox{$\$2.5$ ($0.030)$} \\ \mbox{Record date} & \mbox{September 30, 2010} \\ \mbox{Effective date} & \mbox{December 3, 2010} \\ \end{array}$ 

2) Dividends whose record date is attributable to the year ended March 31, 2011 but to be effective in the following year

Approvals by shareholders' meeting held on June 29, 2011 are as follows:

Type of shares Common stock

Total amount of dividends \quad \text{\forall 2,118 million (\$25.518 thousand)}

Funds for dividends

Dividends per share

Expected Agency Science

Expected Agency Science

Retained earnings

\$\frac{\pma}{3}.0 (\\$0.036)

Expected Agency Science

March 31, 2011

Expected Agency Science

June 30, 2011

### 14. Contingent Liabilities

Contingent liabilities at March 31, 2011 and 2010 are as follows.

|   |   | Millions | Thousands of U.S. dollars |        |  |         |
|---|---|----------|---------------------------|--------|--|---------|
|   |   | 2011     |                           | 2010   | ***************************************  | 2011    |
| Notes discounted  | ¥ | -        | ¥                         | 361    | 8  | *       |
| Notes endorsed  |   | 11,118   |                           | 12,831 |  | 133,952 |
| Loans guaranteed (principally for non-consolidated subsidiaries and |   |          |                           |        |  |         |
| affiliates)   |   | 15,089   |                           | 14,309 |  | 181,795 |
| Repurchase obligation of the  |   |          |                           |        |  |         |
| securitization of receivables                                       |   | 396      | Marine / Marine / A       | ·      | 10.00 100 100 100 100 100 100 100 100 10 | 4,771   |
| Total   | ¥ | 26,603   | ¥                         | 27,501 | 8  | 320,518 |

### 15. Leases

1) Finance lease transactions entered before March 31, 2008, which do not transfer ownership of the assets

Lease rental expense for the years ended March 31, 2011 and 2010 is summarized as follows:

|                      |   | Millior     | ns of ye | n   | ousands of<br>S. dollars |
|----------------------|---|-------------|----------|-----|--------------------------|
|                      |   | 011         | 20       | 010 | <br>2011                 |
| Lease rental expense | ¥ | <u> 377</u> | ¥        | 645 | \$<br>4,542              |

The amounts of outstanding future lease payments at March 31, 2011 and 2010, which included the portion of interest thereon, are as follows:

|                        |   | Millions | s of yer | 1   | usands of<br>5. dollars |
|------------------------|---|----------|----------|-----|-------------------------|
|                        | 2 | 011      | 2        | 010 | 2011                    |
| Future lease payments: |   |          |          |     |                         |
| Within one year        | ¥ | 179      | ¥        | 380 | \$<br>2,157             |
| Over one year          |   | 75       |          | 259 | <br>903                 |
| Total                  | ¥ | 254      | ¥        | 639 | \$<br>3,060             |

Acquisition cost, accumulated depreciation and net book value of the leased assets at March 31, 2011 and 2010, and depreciation expense for the years ended March 31, 2011 and 2010, assuming capitalization, are summarized as follows:

|   |                 | Millio           | ns of y | yen              | ousands of<br>.S. dollars |
|---|-----------------|------------------|---------|------------------|---------------------------|
|   | 20              | 011              |         | 2010             | <br>2011                  |
| Acquisition cost Accumulated depreciation | ¥               | 2,164<br>(1,910) | ¥       | 2,609<br>(1,970) | \$<br>26,072<br>(23,012)  |
| Net book value                            | ¥ 1000-0100 - 1 | 254              | ¥       | 639              | \$<br>3,060               |
| Depreciation                              | ¥               | 377              | ¥       | 645              | \$<br>4,542               |

Depreciation is based on the straight-line method over the lease term of leased assets with zero residual value.

### 2) Operating lease transactions

### (Lessees)

The amounts of outstanding future lease payments at March 31, 2011, under non-cancelable operating lease are as follows:

|                        | Millions of yen |   |    |                          | Thousands of U.S. dollars               |       |  |
|------------------------|-----------------|---|----|--------------------------|---|-------|--|
|                        | 20              | )11                                       | 20 | 10                       | 2                                       | 011   |  |
| Future lease payments: |                 | - 200 100 100 100 100 100 100 100 100 100 |    |                          | *************************************** |       |  |
| Within one year        | ¥               | 66  | ¥  | -                        | \$                                      | 795   |  |
| Over one year          |                 | 60  |    | •                        |   | 723   |  |
| Total                  | ¥               | 126                                       | ¥  | <b>.</b><br>44 ≅ 37 37 . | \$                                      | 1,518 |  |

### 16. Research and Development Expenses

Research and development costs charged to income for the years ended March 31, 2011 and 2010 amounted to \$18,296 million (\$220,434 thousand) and \$17,270 million, respectively.

### 17. Impairment Loss

For the purpose of determining whether impairment loss has occurred, the Company and its subsidiaries classify property, plant and equipment into groups by company, business or business unit, each of which is deemed to generate independent cash flows, and idle properties into individual independent groups.

(For the year ended March 31, 2011)

### 1) The Company

Impairment loss by type of assets for the year ended March 31, 2011 consisted of the following:

| Usage and Location  | Type of asset                     | Millions<br>of yen | Thousands of<br>U.S. dollars |
|---|-----------------------------------|--------------------|------------------------------|
| Manufacturing equipment and building for metal cable business located in Yamato city, Kanagawa prefecture | Building and other                | ¥ 1,039            | \$ 12,518                    |
| Manufacturing equipment and<br>building for copper strips business<br>located in Jiangsu, China           | Machinery and equipment and other | 530                | 6,385                        |
| Optical connectivity solution<br>business located in Georgia, USA   | Intangible assets and other       | 308                | 3,711                        |
| Idle properties located in others   | Land and other                    | 533                | 6,422                        |
|   | Total                             | ¥ 2,410            | \$ 29,036                    |

It has been decided that recoverable amounts of fixed assets for business use were less than their carrying amounts due to continuing negative cash flow generated from operating activities and the likelihood of the carrying amount not being recoverable by future cash flows. Accordingly, the carrying amounts of such assets were reduced to the recoverable amounts. The recoverable amounts of the asset groups were mainly evaluated based on the value in use, which was calculated by discounting future cash flows at an interest rate.

The carrying amounts of certain assets forming parts of idle properties were written down to their recoverable amounts, owing to substantial decline in the fair market value. Recoverable amount of each idle property was mainly evaluated based on the net selling value (fair value less costs to sell). Recoverable amount of such asset group was mainly determined based on either appraisal value prepared by real estate appraisers or assessed value used for property tax purpose. The recoverable amounts of these assets were reduced to  $\Psi$ 0 (\$ 0) because such assets cannot be sold or diverted to other usage.

(For the year ended March 31, 2010)

### 1) The Company

Impairment loss by type of assets for the year ended March 31, 2010 consisted of the following:

| Usage and Location                                    | Type of asset           | Millions<br>of yen |
|---|-------------------------|--------------------|
| Manufacturing equipment and                           | Machinery and           | 37 1 100           |
| building for copper pipe                              | equipment               | ¥ 1,132            |
| business located in Amagasaki                         | Building                | 625                |
| city, Hyogo prefecture                                | Other                   | 470                |
| Idle properties for copper strips business located in | Machinery and equipment | 154                |
| Nikko-city, Tochigi prefecture                        | Other                   | 105                |
|   | Total                   | ¥ 2,486            |

The carrying amounts of the asset groups for manufacturing copper pipe business products were reduced to their recoverable amounts because recession of domestic market resulted in very little demand and inflows of overseas materials made sales prices down. As a result, impairment loss of \(\frac{\pma}{2},227\) was recognized and charged to income.

The recoverable amounts of the asset groups were mainly evaluated based on the value in use, which was calculated by discounting future cash flows at an interest rate of 6.8%.

The carrying amounts of certain asset groups forming idle properties were written down to their recoverable amounts. As a result, impairment loss of \(\frac{\pma}{2}259\) million was recognized and charged to income. The recoverable amounts of building and machinery and equipment were reduced to \(\frac{\pma}{1}\) because such assets cannot be sold or diverted to other usage.

### 2) The consolidated subsidiaries

Impairment loss for machinery and equipment and other for \\$150 million charged to income for the year ended March 31, 2010.

It has been decided that recoverable amounts of fixed assets for business use were less than their carrying amounts due to continuing negative cash flow generated from operating activities and the likelihood of the carrying amount not being recoverable by future cash flows. Accordingly, the carrying amounts of such assets were reduced to the recoverable amounts. The recoverable amounts of the asset groups were mainly evaluated based on the value in use, which was calculated by discounting future cash flows at an interest rate.

### 18. Income Taxes

Income taxes applicable to the Company and its domestic consolidated subsidiaries consist of corporation tax, inhabitants' tax and enterprise tax, which in the aggregate would result in a statutory income tax rate of approximately 40.6% for the years ended March 31, 2011 and 2010. Overseas consolidated subsidiaries are subject to income taxes in the countries in which they operate.

Summarized below is reconciliation for the year ended March 31, 2011 and 2010.

|  | 2011  | 2010   |
|--|-------|--------|
| Japanese statutory income tax rate             | 40.6% | 40.6%  |
| Tax benefits of net operating loss not         |       |        |
| recognized                                     | 0.3   | 4.7    |
| Dividend income not taxable                    | (3.0) | (5.7)  |
| Equity in income of non-consolidated           |       |        |
| subsidiaries and affiliates                    | (1.1) | (12.1) |
| Valuation allowance                            | (3.1) | (10.0) |
| Difference of applicable tax rate of overseas  |       |        |
| consolidated subsidiaries                      | (7.6) | (7.3)  |
| Loss carried forward                           | (6.9) | (20.8) |
| Provision for penalties under the Antimonopoly |       |        |
| Law  | -     | 17.1   |
| Other, net                                     | 3.8   | 6.0    |
| Effective income tax rate                      | 23.0% | 12.5%  |

Deferred tax assets (liabilities) as of March 31, 2011 and 2010 consisted of the following:

|                                |                   |           | Thousands of |
|--------------------------------|-------------------|-----------|--------------|
|                                | Million           | s of yen  | U.S. dollars |
|                                | 2011              | 2010      | 2011         |
|                                |                   |           |              |
| Accrued retirement benefits    | $\Upsilon$ 22,266 | ¥ 24,068  | \$ 268,265   |
| Loss carried forward           | 98,078            | 107,116   | 1,181,663    |
| Accrued bonus                  | 4,571             | 4,408     | 55,072       |
| Depreciation                   | 2,592             | 2,987     | 31,229       |
| Impairment loss                | 26,205            | 30,388    | 315,723      |
| Other                          | 17,896            | 15,406    | 215,614      |
| Gross deferred tax assets      | 171,608           | 184,373   | 2,067,566    |
| Valuation allowance            | (134, 356)        | (148,211) | (1,618,747)  |
| Total deferred tax assets      | 37,252            | 36,162    | 448,819      |
| Unrealized gain on             |                   |           |              |
| available for sale securities  | (9,734)           | (11,463)  | (117,277)    |
| Special reserve for            |                   |           |              |
| deferred capital gain          | (1,632)           | (2,097)   | (19,663)     |
| Revaluation difference on land | (3,423)           | (3,422)   | (41,241)     |
| Other                          | (2,328)           | (2,230)   | (28,048)     |
| Total deferred tax liabilities | (17,117)          | (19,212)  | (206,229)    |
| Net deferred tax assets        | ¥ 20,135          | ¥ 16,950  | \$ 242,590   |
|                                |                   |           |              |

### Other Comprehensive Income 19.

The following table presents components of other comprehensive income for the year ended March 31, 2010:

|  | Millions of |
|--|-------------|
|  | yen         |
|  | 2010        |
| Other comprehensive income                         |             |
| Unrealized gain on available-for-sale securities   | ¥ 4,115     |
| Deferred gain or loss on derivatives under hedge   |             |
| accounting   | 8,354       |
| Adjustments for retirement benefits of an overseas |             |
| subsidiary   | 655         |
| Foreign currency translation adjustments           | 2,686       |
| Share of other comprehensive income of affiliates  |             |
| accounted for by the equity method                 | 485         |
| Total other comprehensive income                   | ¥ 16,295    |
| Comprehensive income                               |             |
| Attributable to:                                   |             |
| Shareholders of the parent company                 | ¥ 22,995    |
| Minority interests                                 | 2,876       |

### 20. Financial Instruments

(For the year ended March 31, 2011)

- 1. Conditions of Financial instruments
- 1) Policy for financial instruments

The fund management policy of the Group (the Company and its consolidated subsidiaries) has been set up to put its operating funds in deposits or investments that are assured of no impairment in the principal and the necessary fund is obtained through borrowings from banks and other financial institutions and bond issuances.

Derivative transactions are not entered into for speculative purposes.

### 2) Details of financial instruments and associated risks and risk management system

Trade notes and accounts receivable arising from operation are exposed to credit risk of customers. The Group carries out the practice of keeping track of due dates and outstanding balances of each customer under the credit management rules, as well as monitoring major customers' credit status on a regular basis in order to minimize credit risk.

Marketable securities and investment securities are mainly equity securities and exposed to the risk of changes in market value. These securities are primarily the shares of companies with which the Group has business relationship, and the fair value of these securities are evaluated on a regular basis.

Trade notes and accounts payable arising from operations normally have payment terms of less than one year.

Short-term and long-term debt are mainly utilized for working capital and capital investments. The interest rate risk of a certain portion of those loans payable is hedged using interest rate swaps as hedging instruments.

On derivative transactions, foreign exchange forward contracts are used for hedge of foreign currency risk associated with receivables and payables arising from operations and denominated in foreign currency, interest rate swaps are used for hedge of interest rate risk associated with loans payable, metal forward contracts are used for hedge of price risk of raw materials and work in process. Execution and management of derivative transactions are subject to related internal rules.

In relation to accounting for hedge transactions, hedging instruments and hedged items, hedging policy, and effectiveness of hedge transactions are set out in its internal rules. Although trade payable and short-term and long-term debt are exposed to liquidity risk, these payables are managed by such means as cash flow projections prepared on a timely manner.

### 3) Supplementary information on the fair value of financial instruments

The fair value of financial instruments is based upon the market prices or reasonable estimates of fair value of these instruments if these fair values are not available. The estimated fair values would not be fixed due to variety of factors and assumptions. In addition, the contractual amounts of the derivative transactions set out in "2. Fair value of financial instruments" as below are not an indicator of the market risk associated with derivative transactions.

### 2. Fair value of financial instruments

The carrying amounts on the consolidated balance sheets, fair value, and differences as of March 31, 2011 are as follows. In addition, financial instruments, of which it is extremely difficult to measure the fair value, are not included in the following table. (Please see "Financial instruments of which the fair value is extremely difficult to measure")

|   | Millions of yen  |                                   |            |  |  |
|---|--|-----------------------------------|------------|--|--|
|   | Carrying<br>amount   | Fair value                        | Difference |  |  |
| (1) Cash and bank deposits  | ¥ 41,899   | ¥ 41,899                          | ¥ -        |  |  |
| (2) Trade receivable  | 227,148  | 227,148                           | •          |  |  |
| (3) Marketable securities and investments securities                  | a san a san and a san a sa | es constituciones actività e con- |            |  |  |
| a. Held-to-maturity debt securities                                   | 215  | 216                               | 1          |  |  |
| b. Available-for-sale securities                                      | 47,768   | 47,768                            | *          |  |  |
| c. Unconsolidated subsidiaries and affiliated companies               |  |                                   |            |  |  |
|   | 6,213  | 8,815                             | 2,602      |  |  |
| Total of assets   | 323,243  | 325,846                           | 2,603      |  |  |
| (1) Trade payable   | (120,873)  | (120,873)                         | *          |  |  |
| (2) Short-term debt   | (128,552)  | (128,552)                         | •          |  |  |
| (3) Bonds (including current portion)                                 | (53,067)   | (53,308)                          | (241)      |  |  |
| (4) Long-term debt  | (160,002)  | (162,908)                         | (2,906)    |  |  |
| Total of liabilities  | (462,494)  | (465,641)                         | (3,147)    |  |  |
| Derivative transactions   |  |                                   |            |  |  |
| (1) Derivative transactions for which hedge accounting does not apply | (19)   | (19)                              | 6 3 yrs es |  |  |
| (2) Derivative transactions for which hedge accounting apply          | 603  | 603                               | -          |  |  |
| Total of derivative transactions                                      | ¥ 584  | ¥ 584                             | ¥·         |  |  |

| ~~~~                          |   | Thousands of U.S. dollars  |             |  |  |  |
|-------------------------------|---|--|-------------|--|--|--|
|                               |   | Carrying<br>amount   | Fair value  | Differenc<br>e   |  |  |
| (1)                           | Cash and bank deposits  | \$ 504,807   | \$ 504,807  | \$ -   |  |  |
| (2)                           | Trade receivable  | 2,736,723  | 2,736,723   |  |  |  |
| (3)                           | Marketable securities and investments securities                  |  |             | MANAGEMBO (MANAGEMBO) (MANAGEMBO) order  |  |  |
|                               | a. Held-to-maturity debt  | 0 = 00   | 2 222       | 10   |  |  |
|                               | securities b. Available-for-sale securities                       | 2,590  | 2,602       | 12   |  |  |
| - 20000-02-2                  | c. Unconsolidated subsidiaries and affiliated companies           | 575,518  | 575,518     | ACCIONATE ANTONOMISTO ANTONOMI |  |  |
| Managaran and an and a second |   | 74,856   | 106,205     | 31,349   |  |  |
|                               | Total of assets   | 3,894,494  | 3,925,855   | 31,361   |  |  |
| (1)                           | Trade payable   | (1,456,301)  | (1,456,301) | *  |  |  |
| (2)                           | Short-term debt   | (1,548,819)  | (1,548,819) | •  |  |  |
| (3)                           | Bonds (including current portion)                                 | (639,361)  | (642,265)   | (2,904)  |  |  |
| (4)                           | Long-term debt  | (1,927,735)  | (1,962,747) | (35,012)   |  |  |
|                               | Total of liabilities  | (5,572,216)  | (5,610,132) | (37,916)   |  |  |
| Deri                          | vative transactions   | Same in the same i |             |  |  |  |
| (1)                           | Derivative transactions for which hedge accounting does not apply | (229)  | (229)       |  |  |  |
| (2)                           | Derivative transactions for which hedge accounting apply          | 7,265  | 7,265       |  |  |  |
| 7                             | Total of derivative transactions                                  | \$ 7,036   | \$ 7,036    | \$ -   |  |  |

### I. Fair value of financial instruments

### Assets

### (1) Cash and deposits

The carrying amount approximates fair value due to the short maturity of these instruments.

### (2) Trade receivable

The carrying amount approximates fair value due to the short maturity of these instruments.

A part of trade receivable is treated as receivable denominated in Japanese yen due to applying the special treatment of foreign currency exchange contracts and the carrying amount approximates fair value.

### (3) Marketable securities and investment securities

The fair value of equity securities is based on quoted market price, if available. The fair value of debt securities is based on quoted market price or provided price by financial institutions. Marketable securities and investment securities by holding purpose are set out in "Note 5. Debt and Equity Securities".

### Liabilities

### (1) Trade payable

The carrying amount approximates fair value because of the short maturity of these instruments.

A part of trade payable is treated as payable denominated in Japanese yen due to applying the special treatment of foreign currency exchange contracts and the carrying amount approximates fair value.

### (2) Short-term debt

The carrying amount approximates fair value because of the short maturity of these instruments.

### (3) Bonds

Fair value of bonds is based on quoted market price, if available. If not, the fair value is based on present value by discounting total cash flows of principles and interest to be paid at the rate considering remaining periods of those bonds and the related credit risk.

### (4) Long-term debt

Fair value of long-term debts is based on the price provided by a financial institution or the present value of future cash flows discounted using the current debt rate for similar debt of a comparable maturity. Interest rate swaps subject to special treatment are used for long-term floating rate debt. Principle and interest of the debt in which these interest rate swaps are embedded, are discounted using the current debt rate, which is estimated reasonably for similar debt of a comparable maturity.

### **Derivative Transactions**

Notional amount, fair value, unrealized gain or loss, and others are described in "Note 21. Additional Information on Derivatives"

# II. Financial instruments of which the fair value is extremely difficult to measure Unlisted investment securities of unconsolidated subsidiaries and affiliated companies amounted to \(\frac{3}{3}\),353 million (\(\frac{5}{3}\)77,747 thousand) are not included in (3) Marketable securities and investments securities because market value are not available and their future cash flow are not estimated, accordingly it is not practicable to estimate the fair value.

III. The redemption schedule for money claim and held-to-maturity debt securities with maturity date subsequent to the consolidated balance sheets date:

|  | Millior          | ns of yen                    | Thousands o      | ls of U.S. dollars           |  |  |
|--|------------------|------------------------------|------------------|------------------------------|--|--|
|  | Within 1<br>year | From 1<br>year to 5<br>years | Within 1<br>year | From 1<br>year to 5<br>years |  |  |
| Bank deposits  | ¥ 41,414         | ¥ -                          | \$ 498,964       | <b>\$</b> -                  |  |  |
| Trade receivable   | 227,148          | -                            | 2,736,723        |                              |  |  |
| Marketable securities and investments securities Held-to-maturity debt securities: |                  |                              |                  |                              |  |  |
| a) National bonds, local<br>bonds and other  | . 0              | 1                            | 0                | 12                           |  |  |
| b) Other debt securities   | 113              | 99                           | 1,361            | 1,193                        |  |  |
| Total  | ¥268,675         | ¥ 100                        | \$ 3,237,048     | \$ 1,205                     |  |  |

IV. The redemption schedule for long-term debt and other interest bearing debt with maturity date subsequent to the consolidated balance sheets date

The redemption schedule for long-term debt and other interest bearing debt with maturity date subsequent to the consolidated balance sheets date are described in "Note 11. Short-term Debt, Long-term Debt and Bonds"

(For the year ended March 31, 2010)

### (Additional information)

"Accounting Standard for Financial Instruments" (ASBJ Statement No. 10, March 10, 2008) and its "Implementation Guidance on Disclosures about Fair Value of Financial Instruments" (ASBJ Guidance No. 19, March 10, 2008) were applied for the year ended March 31, 2010.

- (1) Conditions of Financial instruments
- 1) Policy for financial instruments

The fund management policy of the Group (the Company and its consolidated subsidiaries) has been set up to put its operating funds in deposits or investments that are assured of no impairment in the principal and the necessary fund is obtained through borrowings from banks and other financial institutions and bond issuances.

Derivative transactions are not entered into for speculative purposes.

2) Details of financial instruments and associated risks and risk management system

Trade notes and accounts receivable arising from operation are exposed to credit risk of customers. The Group carries out the practice of keeping track of due dates and outstanding balances of each customer under the credit management rules, as well as monitoring major customers' credit status on a regular basis in order to minimize credit risk.

Marketable securities and investment securities are mainly equity securities and exposed to the risk of changes in market value. These securities are primarily the

shares of companies with which the Group has business relationship, and the fair value of these securities are evaluated on a regular basis.

Trade notes and accounts payable arising from operations normally have payment terms of less than one year.

Short-term and long-term debt are mainly utilized for working capital and capital investments. The interest rate risk of a certain portion of those loans payable is hedged using interest rate swaps as hedging instruments.

On derivative transactions, foreign exchange forward contracts are used for hedge of foreign currency risk associated with receivables and payables arising from operations and denominated in foreign currency, interest rate swaps are used for hedge of interest rate risk associated with loans payable, metal forward contracts are used for hedge of price risk of raw materials and work in process. Execution and management of derivative transactions are subject to related internal rules.

In relation to accounting for hedge transactions, hedging instruments and hedged items, hedging policy, and effectiveness of hedge transactions are set out in its internal rules.

Although trade payable and short-term and long-term debt are exposed to liquidity risk, these payables are managed by such means as cash flow projections prepared on a timely manner.

### 3) Supplementary information on the fair value of financial instruments

The fair value of financial instruments is based upon the market prices or reasonable estimates of fair value of these instruments if these fair values are not available. The estimated fair values would not be fixed due to variety of factors and assumptions. In addition, the contractual amounts of the derivative transactions set out in "2. Fair value of financial instruments" as below are not an indicator of the market risk associated with derivative transactions.

### 2. Fair value of financial instruments

The carrying amounts on the consolidated balance sheets, fair value, and differences as of March 31, 2010 are as follows. In addition, financial instruments, of which it is extremely difficult to measure the fair value, are not included in the following table. (Please see "Financial instruments of which the fair value is extremely difficult to measure")

|   | M                                       | illions of yen |            |
|---|---|----------------|------------|
|   | Carrying<br>amount                      | Fair value     | Difference |
| (1) Cash and bank deposits  | ¥ 45,346                                | ¥ 45,346       | ¥-         |
| (2) Trade receivable  | 217,099                                 | 217,099        | •          |
| (3) Marketable securities and investments securities                  | *************************************** |                |            |
| a. Held-to-maturity debt securities                                   | 216                                     | 220            | 4          |
| b. Available-for-sale securities                                      | 55,324                                  | 55,324         |            |
| c. Unconsolidated subsidiaries and                                    | a = 20                                  | 0.040          | 9.000      |
| affiliated companies  | 6,582                                   | 8,642          | 2,060      |
| Total of assets   | 324,567                                 | 326,631        | 2,064      |
| (1) Trade payable   | (115,045)                               | (115,045)      | *          |
| (2) Short-term debt   | (125,117)                               | (125, 117)     | *          |
| (3) Bonds (including current portion)                                 | (74,744)                                | (75,160)       | (416)      |
| (4) Long-term debt  | (162,227)                               | (166,083)      | (3,856)    |
| Total of liabilities  | (477,133)                               | (481,405)      | (4,272)    |
| Derivative transactions   |   |                |            |
| (1) Derivative transactions for which hedge accounting does not apply | (78)                                    | (78)           |            |
| (2) Derivative transactions for which hedge accounting apply          | 1,161                                   | 1,161          | •          |
| Total of derivative transactions                                      | ¥ 1,083                                 | ¥ 1,083        | ¥.         |

### I. Fair value of financial instruments

### Assets

### (1) Cash and deposits

The carrying amount approximates fair value due to the short maturity of these instruments.

### (2) Trade receivable

The carrying amount approximates fair value due to the short maturity of these instruments.

A part of trade receivable is treated as receivable denominated in Japanese yen due to applying the special treatment of foreign currency exchange contracts and the carrying amount approximates fair value.

### (3) Marketable securities and investment securities

The fair value of equity securities is based on quoted market price, if available. The fair value of debt securities is based on quoted market price or provided price by financial institutions. Marketable securities and investment securities by holding purpose are set out in "Note 5. Debt and Equity Securities".

### Liabilities

### (1) Trade payable

The carrying amount approximates fair value because of the short maturity of these instruments.

A part of trade payable is treated as payable denominated in Japanese yen due to applying the special treatment of foreign currency exchange contracts and the carrying amount approximates fair value.

### (2) Short-term debt

The carrying amount approximates fair value because of the short maturity of these instruments.

### (3) Bonds

Fair value of bonds is based on quoted market price, if available. If not, the fair value is based on present value by discounting total cash flows of principles and interest to be paid at the rate considering remaining periods of those bonds and the related credit risk.

### (4) Long-term debt

Fair value of long-term debts is based on the price provided by a financial institution or the present value of future cash flows discounted using the current debt rate for similar debt of a comparable maturity. Interest rate swaps subject to special treatment are used for long-term floating rate debt. Principle and interest of the debt in which these interest rate swaps are embedded, are discounted using the current debt rate, which is estimated reasonably for similar debt of a comparable maturity.

### **Derivative Transactions**

Notional amount, fair value, unrealized gain or loss, and others are described in "Note 21. Additional Information on Derivatives"

II. Financial instruments of which the fair value is extremely difficult to measure

Unlisted investment securities of unconsolidated subsidiaries and affiliated companies amounted to \(\frac{\pmathbf{3}}{30,884}\) million are not included in (3) Marketable securities and investments securities because market value are not available and their future cash flow are not estimated, accordingly it is not practicable to estimate the fair value.

III. The redemption schedule for money claim and held-to-maturity debt securities with maturity date subsequent to the consolidated balance sheets date:

|  | Millior          | s of yen                     |
|--|------------------|------------------------------|
|  | Within 1<br>year | From 1<br>year to 5<br>years |
| Bank deposits  | ¥ 45,341         | ¥ ·                          |
| Trade receivable   | 217,099          | *                            |
| Marketable securities and investments securities Held-to-maturity debt securities: |                  |                              |
| a) National bonds, local<br>bonds and other  | 0                | 1                            |
| b) Other debt securities   | 15               | 200                          |
| Total  | ¥262,455         | ¥ 201                        |

IV. The redemption schedule for long-term debt and other interest bearing debt with maturity date subsequent to the consolidated balance sheets date

The redemption schedule for long-term debt and other interest bearing debt with maturity date subsequent to the consolidated balance sheets date are described in "Note 11. Short-term Debt, Long-term Debt and Bonds"

### 21. Additional Information on Derivatives

- 1. For the year ended March 31, 2011
  - Derivative transactions for which hedge accounting does not apply
     Foreign currency related transactions

|        |                    | Mi                | llio      | ns of yen     |                       | Thousands of U.S. dollars |  |               |                       |
|--------|--------------------|-------------------|-----------|---------------|-----------------------|---------------------------|--|---------------|-----------------------|
|        |                    |                   | 2         | 011           |                       |                           |  | 2011          |                       |
|        | Notional<br>Amount | Portion over year | 1         | Fair<br>value | Unrealized gain(loss) | Notional<br>Amount        | Portion<br>over 1<br>year  | Fair<br>value | Unrealized gain(loss) |
| Foreig | n currency         | :                 |           |               |                       |                           |  |               |                       |
| Sell   | ¥ 2,822            | ¥                 | -         | ¥ 24          | ¥ 24                  | \$ 34,000                 | \$ -   | \$ 289        | \$ 289                |
| Buy    | 997                |                   | -         | (2)           | (2)                   | 12,012                    | weight account by a constraint of the constraint | (24)          | (24)                  |
| Total  | ¥ 3,819            | ¥                 | -10000000 | ¥ 22          | ¥ 22                  | \$ 46,012                 | \$ -   | \$ 265        | \$ 265                |

### b) Commodity related transactions

|        |                                     | Mil | lion          | s of yen                     | Thousands of U.S. dollars |            |      |                       |          |
|--------|-------------------------------------|-----|---------------|------------------------------|---------------------------|------------|------|-----------------------|----------|
|        |                                     |     | 2             | 011                          |                           |            |      | 2011                  |          |
|        | Notional Amount Portion over 1 year |     | Fair<br>value | Unrealize<br>d<br>gain(loss) | Notional<br>Amount        | 01/01      |      | Unrealized gain(loss) |          |
| Forwar | d contracts                         | ş:  |               |                              |                           |            |      |                       |          |
| Sell   | ¥ 10,194                            | ¥   | -             | ¥ (41)                       | ¥ (41)                    | \$ 122,819 | \$ - | \$ (494)              | \$ (494) |
| Buy    | 3,560                               |     |               | (0)                          | (0)                       | 42,892     | *    | (0)                   | (0)      |
| Total  | ¥13,754                             | ¥   | -             | ¥ (41)                       | ¥ (41)                    | \$165,711  | \$ - | \$ (494)              | \$ (494) |

### 2) Derivative transactions for which hedge accounting apply

### a) Foreign currency related transactions

|   |                     | Mill               | Thousands of U.S. dollars |                    |                                |   |                    |  |                    |
|---|---------------------|--------------------|---------------------------|--------------------|--------------------------------|---|--------------------|--|--------------------|
|   |                     |                    | 2011                      |                    |                                |   |                    |  |                    |
|   | Hedged<br>item      | Notional<br>Amount | ov€                       | tion<br>er 1<br>ar | Fair<br>value<br>*             | Calculation<br>method of<br>fair value    | Notional<br>Amount | Portion<br>over 1<br>year                | Fair<br>value<br>* |
| Normal acc  | ounting metl        | nod                | -                         |                    |                                |   |                    | V. 2000000000000000000000000000000000000 |                    |
| Foreign c   | urrency:            |                    |                           |                    |                                |   |                    |  |                    |
| Sell  | Trade<br>receivable | ¥ 1,059            | ¥                         | ~                  | ¥ (7)                          | Forward<br>rate of<br>Foreign<br>currency | \$ 12,759          | \$ -                                     | \$ (84)            |
| Buy   | Trade<br>payable    | 13,356             |                           | -                  | 103                            | Forward<br>rate of<br>Foreign<br>currency | 160,916            |  | 1,241              |
| Assignment Accounting (special treatment for foreign exchange forward contract) Foreign currency: |                     |                    |                           |                    |                                |   |                    |  |                    |
| Sell  | Trade<br>receivable | 1,964              |                           | •                  |                                | -   | 23,663             | •  |                    |
| Buy   | Trade<br>payable    | 2,913              |                           | •                  | ****************************** | ٠   | 35,096             | •  |                    |
| Total   |                     | ¥19,292            | ¥                         | -                  | ¥ 96                           |   | \$ 232,434         | \$ -                                     | \$ 1,157           |
|   |                     |                    |                           |                    |                                |   |                    |  |                    |

<sup>\*</sup>The fair value of foreign currency related transactions subject to assignment accounting (special treatment for foreign exchange forward contract) embeds in accounting subject to hedging included in the fair value of the corresponding trade receivable and trade payable.

### b) Interest-rate related transactions

| ,              |                | Mi  | llions of ye              | Thousands of U.S. dollars |  |                    |                     |                    |
|----------------|----------------|---|---------------------------|---------------------------|--|--------------------|---------------------|--------------------|
|                |                |   | 2011                      |                           | 2011                                   |                    |                     |                    |
| ,              | Hedged<br>item | Notional<br>Amount  | Portion<br>over 1<br>year | Fair<br>value<br>*        | Calculation<br>method of<br>fair value | Notional<br>Amount | Portion over 1 year | Fair<br>value<br>* |
| Special treatm | ent inte       | rest rate sw  | ap:                       |                           |  |                    |                     |                    |
| Receiving      |                |   |                           |                           |  |                    |                     |                    |
| fixed rates    | Long-          |   |                           |                           |  |                    |                     |                    |
| and paying     | term           |   |                           |                           |  |                    |                     |                    |
| floating rates | debt           | $\mathbb{\mtx\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\$ | ¥ 1,655                   |                           | •                                      | \$ 28,012          | \$ 19,940           |                    |
| Receiving      |                |   |                           |                           |  |                    |                     |                    |
| floating       |                |   |                           |                           |  |                    |                     |                    |
| rates and      | Long-          |   |                           |                           | •                                      |                    |                     |                    |
| paying         | term           |   |                           |                           |  |                    |                     |                    |
| fixed rates    | debt           | 87,954  | 74,334                    |                           |  | 1,059,687          | 895,590             |                    |
| Total          |                | ¥ 90,279  | ¥75,989                   |                           |  | \$ 1,087,699       | \$ 915,530          |                    |

\*The fair value of interest rate swaps subject to special treatment embeds in long-term debt subject to hedging included in the fair value of the corresponding long-term debt.

### c) Commodity related transactions

|         |                     | Ŋ                  | Millions of y             | ven           |  | Thousa             | nds of U.S.               | dollars       |
|---------|---------------------|--------------------|---------------------------|---------------|--|--------------------|---------------------------|---------------|
|         |                     |                    | 2011                      |               |  |                    | 2011                      |               |
|         | Hedged<br>item      | Notional<br>Amount | Portion<br>over 1<br>year | Fair<br>value | Calculation<br>method of<br>fair value | Notional<br>Amount | Portion<br>over 1<br>year | Fair<br>value |
| Normal  | accountin           | g method:          |                           |               |  |                    |                           |               |
| Forward | d contract          | s for metal        | materials:                |               |  |                    |                           |               |
| Sell    | Raw<br>materials    | ¥ 911              | ¥ -                       | ¥ (16)        | Forward rate of                        | \$ 10,976          | \$ -                      | \$ (193)      |
| Buy     | and work in process | 16,947             | 4,459                     | 523           | metal<br>material                      | 204,181            | 53,723                    | 6,301         |
| Total   |                     | ¥ 17,858           | ¥ 4,459                   | ¥ 507         |  | \$ 215,157         | \$ 53,723                 | \$ 6,108      |

- 2. For the year ended March 31, 2010
- Derivative transactions for which hedge accounting does not apply
   Foreign currency related transactions

| ***         |                    | Millior                   | is of yen   |                       |
|-------------|--------------------|---------------------------|-------------|-----------------------|
| _           |                    | 20                        | )10         |                       |
|             | Notional<br>Amount | Portion<br>over 1<br>year | Fair value  | Unrealized gain(loss) |
| Foreig      | n currency:        |                           |             |                       |
| Sell<br>Buy | ¥ 1,287<br>87      | ¥ -                       | ¥133<br>(2) | ¥133<br>(2)           |
| Total       | ¥ 1,374            | ¥ -                       | ¥131        | ¥ 131                 |

b) Commodity related transactions

| ***   |                    | Millio                    | ons of yen | •                     |
|-------|--------------------|---------------------------|------------|-----------------------|
|       |                    |                           | 2010       |                       |
|       | Notional<br>Amount | Portion<br>over 1<br>year | Fair value | Unrealized gain(loss) |
|       | contracts:         |                           |            |                       |
| Sell  | ¥ 3,942            | ¥ -                       | ¥ (303)    | ¥ (303)               |
| Buy_  | 1,124              | -                         | 94_        | 94                    |
| Total | ¥ 5,066            | ¥ -                       | ¥ (209)    | ¥ (209)               |

2) Derivative transactions for which hedge accounting apply

a) Foreign currency related transactions

|                              |                        | Milli              | ons of ye                 | n                  |   |
|------------------------------|------------------------|--------------------|---------------------------|--------------------|---|
|                              |                        |                    | 2010                      |                    |   |
|                              | Hedged<br>item         | Notional<br>Amount | Portion<br>over 1<br>year | Fair<br>value<br>* | Calculation<br>method of<br>fair value    |
| Normal acco<br>Foreign cur   | unting metho<br>rency: | d:                 |                           |                    |   |
| Sell                         | Trade<br>receivable    | ¥ 1,506            | ¥ -                       | ¥ (24)             | Forward<br>rate of<br>foreign<br>currency |
| Buy                          | Trade<br>payable       | 6,420              |                           | 222                | Forward rate of foreign currency          |
| Assignment .<br>forward cont | Accounting (s<br>ract) | pecial treat       | tment for                 | foreign            | · ·                                       |

Foreign currency:

| Sell<br>Buy | Trade<br>receivable<br>Trade<br>payable | 2,027<br>1,276 |   |   |       |
|-------------|---|----------------|---|---|-------|
| Total       | - "                                     | ¥11,229        | ¥ | _ | ¥ 198 |

The fair value of foreign currency related transactions subject to assignment accounting (special treatment for foreign exchange forward contract) embeds in accounting subject to hedging included in the fair value of the corresponding trade receivable and trade payable.

### b) Interest-rate related transactions

|                         | and the second and property and the second and the | M                  | fillions of ye            | en                 |  |
|-------------------------|---|--------------------|---------------------------|--------------------|--|
|                         |   |                    | 2010                      |                    |  |
|                         | Hedged<br>item  | Notional<br>Amount | Portion<br>over 1<br>year | Fair<br>value<br>* | Calculation<br>method of<br>fair value |
| Special treatment inter | est rate sv   | wap:               |                           |                    |  |
| Receiving fixed rates   | Long-   |                    |                           |                    |  |
| and paying              | term  |                    |                           |                    |  |
| floating rates          | debt  | Y=2,850            | Y=2,325                   |                    |  |
| Receiving floating      | Long-   |                    |                           |                    |  |
| rates and paying        | term  |                    |                           |                    |  |
| fixed rates             | debt  | 88,095             | 86,768                    |                    | •                                      |
| Receiving floating      | Long-   |                    |                           |                    |  |
| rates and paying        | term  |                    |                           |                    |  |
| floating rates          | debt  | 3,000              | 3,000                     |                    | -                                      |
| Total                   |   | ¥ 93,945           | ¥ 92,093                  |                    |  |

<sup>\*</sup>The fair value of interest rate swaps subject to special treatment embeds in long-term debt subject to hedging included in the fair value of the corresponding long-term debt.

### c) Commodity related transactions

|            |                              |                    | Millions of               | yen           |  |
|------------|------------------------------|--------------------|---------------------------|---------------|--|
|            |                              |                    | 2010                      |               |  |
|            | Hedged<br>item               | Notional<br>Amount | Portion<br>over 1<br>year | Fair<br>value | Calculation<br>method of<br>fair value |
| Normal ac  |                              | method:            |                           |               |  |
| Forward co | ontracts                     | for metal m        | aterials:                 |               |  |
| Sell       | Raw<br>materials<br>and work | ¥ 876              | ¥ -                       | ¥ (159)       | Forward rate of                        |
| Buy        | in<br>process                | 17,040             | 4,024                     | 1,121         | metal<br>material                      |
| Total      |                              | ¥ 17,916           | ¥ 4,024                   | ¥ 962         |  |

### 22. Real estate for rental and others

### 1. For the year ended March 31, 2011

The Company and certain consolidated subsidiaries have rentable land and rental office building located in Tokyo and other prefecture. Net revenue of such real estate (main revenue of such real estate is include in operating revenue and main costs for

such real estate are included in operating expenses amounted to \$2,843 million (\$34,253 thousand) for the year ended March 31, 2011.

The carrying amount, fair value and changes in the value of real estate related to real estate for rental and others are as follows:

|                  | Million                  | ns of yen        |                  |
|------------------|--------------------------|------------------|------------------|
| Carrying amo     | ount in the consolidated | l balance sheets | Fair value       |
| Year ended March | Not abangos              | Year ended March | Year ended March |
| 31, 2010         | Net changes              | 31, 2011         | 31, 2011         |
| ¥ 24,103         | ¥(55)                    | ¥24,048          | ¥ 47,913         |

| *************************************** | Thousands               | of U.S. dollars              |                              |
|---|-------------------------|------------------------------|------------------------------|
| Carrying amo                            | ount in the consolidate | d balance sheets             | Fair value                   |
| Year ended March<br>31, 2010            | Net changes             | Year ended March<br>31, 2011 | Year ended March<br>31, 2011 |
| \$ 290,398                              | \$ (663)                | \$ 289,735                   | \$ 577,265                   |

- 1) The carrying amount is the amount of its acquisition costs less accumulated depreciation and accumulated impairment losses.
- 2) The changes in the carrying amount are mainly an increase due to capital expenditures and a decrease due to depreciations.
- 3) Fair value of March 31, 2011 is primarily determined based on internal assessed value according to the Real Estate Appraisal Standards, or amount based on certain evaluated value and value based on the index appropriately affecting real estate market.

### 2. For the year ended March 31, 2010

The Company and certain consolidated subsidiaries have rentable land and rental office building located in Tokyo and other prefecture. Net revenue of such real estate (main revenue of such real estate is included in operating revenue and main costs for such real estate are included in operating expenses amounted to \(\frac{\frac{1}}{2}\),931 million for the year ended March 31, 2010.

The carrying amount, fair value and changes in the value of real estate related to real estate for rental and others are as follows:

|                              | Million                  | ns of yen                    |                              |
|------------------------------|--------------------------|------------------------------|------------------------------|
| Carrying amo                 | ount in the consolidated | l balance sheets             | Fair value                   |
| Year ended March<br>31, 2009 | Net changes              | Year ended March<br>31, 2010 | Year ended March<br>31, 2010 |
| ¥ 23,989                     | ¥114                     | ¥24,103                      | ¥47,939                      |

- 1) The carrying amount is the amount of its acquisition costs less accumulated depreciation and accumulated impairment losses.
- 2) The changes in the carrying amount are mainly an increase due to capital expenditures and a decrease due to depreciations.

3) Fair value of March 31, 2010 is primarily determined based on appraisal value prepared by external real estate appraisers, internal assessed value according to the Real Estate Appraisal Standards, or amount based on certain evaluated value and value based on the index appropriately affecting real estate market.

### (Additional information)

Effective from the year ended March 31, 2010, the Company and its consolidated subsidiaries adopted "Accounting Standard for Disclosure about Fair value of Investment and Real property" (ASBJ statement No.20, November 28, 2008) and "Implementation Guidance on Accounting Standard for Disclosures about Fair value of Investment and Real property" (ASBJ Guidance No.23, November 28, 2008).

### 23. Reclassifications

Certain items presented in the consolidated financial statements filed with the Director of the Kanto Local Finance Bureau have been reclassified for the convenience of readers outside Japan.

Certain reclassifications have been made to the prior year's consolidated financial statement to conform to the current year presentations.

### 24. Segment Information

### 1. Outline of reportable segments

The reportable segment of the Company is a company's component for which the financial information can be obtained separately from its other components, and the Board of Directors reviews such reportable segments on a regular basis in order to decide allocations of managerial resources and evaluate business performance.

After identifying the Company's business by industry (hereinafter "unit"), the Company has applied the company system covering both production and sales department, and that its strategy of the whole group is worked out and performed, and the business operations of each unit are monitored and supported by the Chief Officer system.

The Company decided six reportable segments based on the unit, Furukawa-Sky and the Chief Officer system, such as Telecommunications, Energy and industrial products, Electronics and automotive systems, Metals, Light metals and Services and other.

### (1) Telecommunications:

Manufacture and sale of optical fiber cable, optical related parts, optical fiber cable-attached parts and construction, network equipment, etc.

### (2) Energy and industrial products:

Manufacture and sale of bare wire, aluminum wire, insulated wire, power cables, power cable-attached parts and construction, electric wire tubing, plastic products, thermal engineering electric feeders, etc.

### (3) Electronics and automotive systems:

Manufacture and sale of batteries, automobile parts and electric wire, magnet wire, heat pipes, aluminum plates for memory disks, electronic components and parts, etc.

### (4) Metals:

Manufacture and sale of copper products such as copper tubes, rolled copper products, electrolytic copper foils, shape memory alloys, etc.

### (5) Light metals:

Manufacture and sale of light metal products such as aluminum sheets, aluminum plates, extruded products, etc.

### (6) Services and other:

Service businesses such as real estate, distribution, information, etc.

Segment information on sales and income (loss), identifiable assets and other items by business for the years ended March 31, 2011 and 2010 is Segment information summarized as follows:

For the year ended March 31, 2011

|   |                  |                                   |            |   |               |  |  |                    |         | Millions of ven   | 30 8                                   | uas                                     |                 |                     |   |                                       |                   |
|---|------------------|-----------------------------------|------------|---|---------------|--|--|--------------------|---------|-------------------|--|---|-----------------|---------------------|---|---------------------------------------|-------------------|
|   | T'o              | Telecommuni<br>cations            | E Pu       | Energy<br>and<br>industrial<br>products | uu a          | Electrones<br>and<br>automotive<br>systems |  | Metals             |         | Light<br>metals   | 32 m                                   | Services<br>and other                   |                 | Subrotal            | Adjustmonts*                            | monts*                                | Total             |
| Net sales<br>Outside customers<br>Inter-segment sales | >=-              | 143,007 ¥ 217,641<br>6,310 35,357 | 0.01<br>Σ₩ | 1 1                                     | , <u>,,</u> , | 202,507                                    | >**·                                   | 148,033            | **      | 202,500<br>6,543  | ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;; | 12,066<br>25,528                        | >⊁-             | 925,754<br>85,759   | (\$8)<br>**                             | ¥<br>85,759)                          | 925,754           |
| Total<br>Segment income                               | 204-             | 149,317<br>9,572 ¥                |            | 252,998                                 | .>=-          | 209,624<br>7,801                           | ***                                    | 152,937<br>3,237 ¥ | المنا   | 209,043<br>11,487 | <br> ≱+                                | 37,594<br>2,313 ¥                       | <br> **         | 1,011,513<br>35,276 | § (§)                                   | 85,759)<br>(132) ¥                    | 925,754<br>35,144 |
| Assets  | 756-e            | 122,946 ¥                         |            | 156,988                                 | ⊅k•           | 139,471                                    | <b>34</b> ~                            | 104,671            | iom     | 222,469           | <b>5</b> *-                            | 76,372                                  | ;au,            | 822,917             | 3H                                      | 4,027 ¥                               | 826,944           |
| Others Depreciation  Amortization of goodwil #        |                  | 6,082 *                           |            | 5,167                                   | المنز المنز   | 6.584<br>231                               | ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;; | 6.858              | ;u+ ;:> | 12,530            | 3#- J#-                                | 346                                     | 25m 281n        | 39,058              |   | * * * * * * * * * * * * * * * * * * * | # 100 m           |
| Investments in affiliates accounted for               |                  |                                   |            |   |               |  |  |                    |         |                   |  |   |                 |                     | *************************************** | a grouphwategoom                      |                   |
| by the equity method<br>Tangible/intangible           | <b>&gt;&gt;-</b> |                                   |            | 19,125                                  | 34·           | 4,913                                      | (3%)                                   | 3,868              | ;**·    | 5,284             |  | *************************************** | ;* <del>-</del> | 33,701              | 250-                                    | 7. ·                                  | 38,701            |
| fixed assets increased # 4,630 #                      | <b>≫</b>         | 4,630                             | -#c        | 8,320                                   | <b>3#</b> -   | 5,729                                      | أبندر                                  | 1.481 ¥            | >       | 4,448 ¥           | امادا:<br>ا                            | 1,500 ¥                                 | )<br>           | 26,108 ¥            |   | 1,839 ¥                               | 27,947            |

For the year ended March 31, 2010

| ***************************************     | ***      | , 4 j 34 j             |             |   |                |   |             |           | Million         | Millions of yen       |          |           |       |  |         |
|---|----------|------------------------|-------------|---|----------------|---|-------------|-----------|-----------------|-----------------------|----------|-----------|-------|--|---------|
|   | -        | Telecommuni<br>cations |             | Energy<br>and<br>industrial<br>products | hts 95         | Stectronics<br>and<br>automotive<br>systems |             | Metals    | Light<br>metals | Services<br>and other | ces      | Sub-total |       | Adjustmenis*                           | Total   |
| Net sales<br>Outside customers              | ***      | 132,613                | )<br>;      | 132,613 ¥ 196,230 ¥                     |                | 172,062                                     | ;3¥1        | 115,630 ¥ | 180,678         |                       | 12,480 % | 809,693   |       | % (BE 0 0 0)                           | 809,603 |
| Total                                       |          | 135,494                |             | 208,826                                 |                | -   |             | 119,635   | 188             |                       | 36,907   | 866,210   | }     | (56,517)                               | (X)     |
| Segment income (loss)                       | ≫        | 9,832 ¥                | 234-        | 3,690 ¥                                 | <b>**</b> *    | 7.179 ¥                                     | **          | (2,197) ¥ |                 |                       | 1,913    | 20,286    |       | 56 ¥                                   | 8 :     |
| Assets                                      | }<br>>₩• | 118,589                | -KQ         | 118,589 ¥ 151,025 Y 141,546 Y           | <b>]</b>       | 141,546                                     | سون         | 104,762 ¥ | 208,086 ¥       |                       | 80,412   | 804,420   | 74+   | 31,399 ¥                               | 835,819 |
| Others<br>Depreciation                      | >        | 7,004 *                | <b>24</b> - | 5,106                                   | <b></b>        | 5,805 ¥                                     | ;;;         | 7,379 *   | ¥ 3556. ¥       |                       | 2,039 ¥  | 40,689 ¥  | , sec | 3 - S                                  | 42,461  |
| Amortization of goodwil *                   | #<br> }  | 152                    | ;34~        | 810                                     | ,              | 201 ¥                                       | <b>38</b> ~ | ୯୦        |                 |                       | 146      |           | ;;;,  |  | 1,668   |
| Investments in affiliates accounted for     | ጁ        |                        |             |   |                |   |             |           |                 |                       |          |           |       |  |         |
| by the equity method<br>Tangible/intangible | ₩.<br>   | 53 ¥                   |             | 19,805 ¥                                | <b>&gt;</b> ** | 5,354 ¥                                     | <b>*</b>    | 1,117 ¥   | 5,440 ¥         | **                    | *        | 31,769    | 3/n   | ************************************** | 31,769  |
| fixed assets increased                      | سبين     | 125                    | منجز        | 4,068                                   | Sáin           | 5   | ŝ           | 2,471 ¥   | 5,616           | ريور                  | 888      | 24,288    | ,     | 1,145 %                                | 25,433  |

| 2011  |
|-------|
| Ę     |
| March |
| ended |
| year  |
| 1     |
| For   |

|   | ,                 |   |            |   |  |  |                               |  | Thous  | રાત્ | of U.S. d  | ollar | Phousands of U.S. dollars (Note 3)  |              |  |   |
|---|-------------------|---|------------|---|--|--|-------------------------------|--|--|------|--|-------|---|--------------|--|---|
|   | £ <sup>25</sup> . | Telecentimuni<br>Valeene  | <br>       | Energy<br>and<br>industrial<br>products | Ellect<br>autos<br>sys                 | Blectronice<br>and<br>autonotive<br>systems          | Me                            | Metals   | Light  | O.S  | Services<br>and other                              | 92    | Sub-total   | Adjustments* | ************************************** | Total   |
| Net sales<br>Outside customers<br>Inter-segment sales<br>Total<br>Segment income          |                   | \$ 1,722,976 \$ 2,622,181<br>76,024 425,988<br>1,799,000 3,048,169<br>\$ 1,481,277 \$ 1,891,422 | oi   oi  i | 1 1 1 1                                 | *** ********************************** | 2,439,843 \$ 85,747 2,525,590 93,988 \$ 1,680,873 \$ | 2,178<br>1,84<br>1,26<br>1,26 | 1,788,530 \$ 59,084 1,842,614 39,000 \$ 1,261,096 \$ | \$ 2,439,843 \$ 1,783,530 \$ 2,439,759 \$ 145,374 \$ 11,153,663 \$ 85,747 \$ 59,084 78,831 307,566 1,033,240 |      | 145,374<br>307,566<br>452,940<br>27,867<br>920,145 |       | 145,374     \$ 11,153,663     \$ 907,566     1,033,240     \$ 452,940     \$ 425,012     \$ 425,012     \$ 425,012     \$ 920,145     \$ 9,914,662     \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ |              |  | \$ 11,153,663<br>11,153,663<br>\$ 423,422<br>\$ 5,103,180 |
| Theres Depreciation \$ 73,277 \$ Amortization of goodwil \$ 1,988 \$                      | ~                 | 73,277  |            | 62,253                                  | **                                     | 2,783 \$   |                               | 2,627  | 82,627 \$ 150,964 \$ 22,133 \$ = 2,446 \$ 4,169 \$   | **   | 22,133<br>4,169                                    | ***   | 470.579 \$  | 7            | 16,120                                 | 486,699<br>18,856   |
| Investments in<br>affiliates accounted for<br>by the equity method<br>Tangible/intangible | **                | 6,157   |            | 230,422                                 | ¥.                                     | 59,193 \$  |                               | 46,602 \$  | 63.563   | 66   | . Evidence and a second                            | **    | 406,037   | 545          | •                                      | 406,037   |
| ~~  | 643               | 55,783 \$ 100,24  |            | 100,241                                 | ₩<br>**                                | 69,024 \$  |                               | 17,843 \$  |  | 40   | 53,590 \$ 18,072                                   | **    | 314,558 \$  |              | 22,157 \$                              | 336,710   |

\* Inter-segment transactions are eliminated from the consolidated financial statements. Corporate assets are included in the consolidated financial statements. Adjustments include increase of tangible/intangible fixed assets and depreciation related to the corporate assets.

# (Additional information)

Effective for the year ended March 31, 2011, the "Accounting Standard for Segment Information" (ASBJ statement No. 17, March 27, 2009) and "Guidance on Accounting Standard for Segment Information" (ASBJ Guidance No. 20, March 21, 2008) was adopted.

Segment information for the year ended March 31, 2010 has been restated in accordance with such accounting standards for comparative purposes.

-Relative information> Information by regions

(For the year ended March 31, 2011)

| Willions of yen | dapan Asia Other areas Total | Y 618,287 Y 209,766 Y 97,701 Y 925,754<br>¥ 232,729 ¥ 28,134 Y 12,162 ¥ 273,025 | Thousands of U.S. dollars (Note 3)  Japan Asia Other areas Total | \$ 7,449.241 \$ 2,527,301 \$ 1,177,121 \$ 11,153,663 \$ 9 809 06.1 \$ 13,153,663 |
|-----------------|------------------------------|---|--|--|
|                 |                              | Net sales<br>Assets   |  | Net sales  |

<Information of impairment loss by reportable segments>

(For the year ended March 31, 2011)

Millions of yen

|                 |      |                        |                             |                                   |                                    |                 |                       |           |   | C. COTAC CONTRACTOR CO |
|-----------------|------|------------------------|-----------------------------|-----------------------------------|------------------------------------|-----------------|-----------------------|-----------|---|--|
|                 |      | Tolecommuni<br>vadions | Energy<br>and<br>industrial | Electronics<br>and<br>sultanolive | Metals                             | Light<br>metals | Services<br>and other | Sub-total | Sub-total Adjustments                   | Total  |
| Impairment loss | 36.8 | ¥ 1,399 ¥              | y products                  | systems                           |                                    | 225             | <b>.</b>              | 2,410     | 541 ¥ 225 ¥ - ¥ 2,410 k - ¥ 2,410       | 2,410  |
| Impairment loss | 088  | \$ 10 850              | \$ 2.802 \$                 |                                   | Thousands of U.S. dollars (Note 3) | S. dollars (    | Note 3)               | 29,036    | *************************************** | 30 0.00 S  |

<Information of goodwill by reportable segments>

| (For the year ended March 31, 2011)   | 31, 2011)              |   |   |                                       |                    |  |           |   |                        |
|---|------------------------|---|---|---------------------------------------|--------------------|--|-----------|---|------------------------|
|   |                        |   |   | Millic                                | Millions of yen    |  |           |   |                        |
|   | Palecommuni<br>cations | Energy<br>and<br>industrial<br>products | Electronics<br>and<br>automotive<br>systems | Metals                                | Light<br>metals    | Services<br>and other                    | Sub-fotal | Sub-fotal Adjustments                   | Total                  |
| Amortization of goodwill * 165 * Goodwill as of March 31 Y 450 Y  | ¥ 165                  | ¥ 12021 ¥                               | 231 ¥                                       |                                       | £ 203              | 203 ¥ 346 ¥ 1,565<br>671 ¥ 4,291 ¥ 7,496 | 7,486     | * | ¥ 1,565                |
|   |                        |   |   | Thousand of U                         | S. dolfars (       | Nute 3)                                  |           |   |                        |
| Amortization of goodwill \$1.988 \cdot \cdo | \$ 1,988<br>\$ 5,423   | \$ 7,470 \$<br>\$ 20,518 \$             | 1,500                                       | * * * * * * * * * * * * * * * * * * * | 22 1 15<br>2 1 181 | \$ 4,163<br>\$ 51,699                    | 90,313    |   | \$ 18,855<br>\$ 90,313 |

### 25. Related Party Transactions

Transactions for the year ended March 31, 2011 and the respective balance as of March 31, 2011 of the non-consolidated subsidiaries and affiliates of the Company were as follows:

| Type of Related Party                 | Affiliate  |
|---------------------------------------|--|
| Name                                  | VISCAS Corporation.  |
| Address                               | Shinagawa-ku Tokyo   |
| Capital                               | ¥12,100 million(\$145,783 thousand)  |
| Type of business                      | Energy and industrial products   |
| Voting right share owing (share owed) | Direct 50.0%   |
| Business relationship                 | Sale of material, purchase of finished goods, lease contracts of real estate, appointment of directors to other companies and providing financial support. |
| Description of transactions           | Loans guaranteed   |
| Amounts of transactions               | ¥8,480 million (\$102,169 thousand)  |
| Accounts                              | nico   |
| Closing balances                      | coner  |

Transactions for the year ended March 31, 2010 and the respective balance as of March 31, 2010 of the non-consolidated subsidiaries and affiliates of the Company were as follows:

| Type of Related Party                 | Affiliate  |
|---------------------------------------|--|
| Name                                  | VISCAS Corporation.  |
| Address                               | Shinagawa-ku Tokyo   |
| Capital                               | ¥12,100 million  |
| Type of business                      | Energy and industrial products   |
| Voting right share owing (share owed) | Direct 50.0%   |
| Business relationship                 | Sale of material, purchase of finished goods, lease contracts of real estate, appointment of directors to other companies and providing financial support. |
| Description of transactions           | Loans guaranteed   |
| Amounts of transactions               | ¥7,591 million   |
| Accounts                              | ***  |
| Closing balances                      |  |

### 26. Subsequent events

1. Acquisition of shares in U.S. Rolled Aluminum Sheet Manufacturer & Supplier made by Furukawa-Sky Aluminum Corp. (hereinafter "Furukawa-Sky)

Furukawa-Sky made an announcement that the Consortium which is made up of Furukawa-Sky and its joint partners\*, have agreed with BP Company North America Inc. (hereinafter "BP") with respect to the acquisition of 100% of the outstanding shares of ARCO Aluminum, Inc. (hereinafter "ARCO"), a wholly owned subsidiary of BP serving as a manufacturer and supplier of rolled aluminum sheet.

\*The joint partners (hereinafter together with Furukawa-Sky, collectively "the Partners") are:

- Sumitomo Light Metal Industries, Ltd. (hereinafter "SLM");
- Sumitomo Corporation (hereinafter "Sumitomo Corp")
- ITOCHU Corporation (hereinafter "ITOCHU") and
- ITOCHU Metals Corporation (hereinafter "IMC").

In terms of joint operation, the Consortium, which was jointly established by the partners in the U.S., holds all shares of ARCO and makes important decisions through consultations among the Partners. The ownership ratio of the Partners is as follows:

• Furukawa-Sky; 35%

• SLM; 40%

Sumitomo Corp; 20%

• ITOCHU; 2% and

• IMC; 3%.

### (1) The purpose of acquisition of shares

ARCO owns an approximate 45% interest in the aggregate assets of in Logan Mill (non-corporation joint venture), which is one of the largest aluminum rolling mills in the world and supplies aluminum sheet to beverage can makers. It also owns a 60 percent stake in Logan Aluminum Inc. which is the operator of Logan Mill and operates jointly with Novelist Corporation (hereinafter "Novelist"). Each of ARCO and Novelist supplies its own primary metal inputs to Logan Mill and sells various products.

Based on the joint acquisition of all shares in ARCO from BP at a cost of US\$ 680 million, Furukawa-Sky intends to enhance production and distribution of aluminum can materials in North America, the largest market in the world, through participation in management of ARCO and technological support to ARCO. In addition, Furukawa-Sky also envisages a plan to expand its business volume in Latin America, a promising market with great growth potential.

### (2) Outline of the acquired company

- · Name of the company; ARCO Aluminum, Inc.
- · Year of establishment; 1984
- · Address of the head office; Louisville, Kentucky
- · Amount of share capital; US \$ 1,000
- · Main business; Manufacturing and distribution of aluminum products

- · Annual sales amount; Approximately US \$ 900 million (in 2010)
- · Annual sales volume; Approximately 300,000 tons (in 2010)
- The number of employees; 32 (as of March, 2011)

### (3) Outline of the joint holding company

- · Name of the company; ARROW Aluminum Holding Inc.
- · Address of the head office; Wilmington, Delaware
- · Amount of share capital; US \$ 5,000 (as of March 31, 2011)
- · Main business; Holding equity of ARCO Aluminum Inc.

### (4) Schedule

The closing of the acquisition of shares between July and September in 2011 is expected. The closing date is, however, subject to change depending on circumstances, such as the approval by competition authorities.

### (5) Finance plan

A half of funds for this acquisition will be financed by non-recourse loans payable made by the U.S. holding company and the funds equivalent to investment ratio of Furukawa-Sky among the another half for this acquisition will be financed by Furukawa-Sky's own funds.

2. Sales of shares of its consolidated subsidiary owned by Furukawa AS K.K.

Furukawa AS K.K. entered into a share transfer agreement with HIRAKAWA HEWTECH CORP. (hereinafter "HIRAKAWA") on June 21, 2011, that all shares of Shikoku Cable Co., Ltd. are planned to be sold to HIRAKAWA on July 15, 2011.

### <Outline of share transfer>

(1) The number of shares transfer; 2,720 shares

(The number of shares transferred ¥ issued shares; 98.55%)

- (2) Transferred amount; ¥1.632 million (\$19.663 thousand)
- (3) Effects on its performance; Immaterial
- 3. Issuance of bonds made by the Company

The Board of Directors made a comprehensive resolution on May 26, 2011 to issue domestic unsecured bonds with limit of \(\xi\)20 billion (\\$241 billion) in a period from May 26, 2011 to March 28, 2012.

As a result of this resolution, unsecured bonds were issued on June 23, 2011.

### <Outline of this issuance>

- (1) Total amount of issue; \(\forall 10\) billion (\\$120\) billion)
- (2) Issue price; ¥100 per share (\$1.20)
- (3) Coupon rate; 0.77% per annum
- (4) Closing date; June 23, 2011
- (5) Redemption at maturity; June 23, 2016
- (6) Collateral; No collateral
- (7) Use of proceeds; Repayment of commercial papers and debts available for redemption of bonds
- (8) Covenants; Negative pledge clause



Ernst & Young ShinNihon LLC Hibiya Kokusai Bldg. 2-2-3, Uchisaiwai-cho, Chiyoda-ku, Tokyo, Japan 100-0011

Tel: +81 3 3503 1100 Fax: +81 3 3503 1197

### Report of Independent Auditors

The Board of Directors Furukawa Electric Co., Ltd.

We have audited the accompanying consolidated balance sheets of Furukawa Electric Co., Ltd. and consolidated subsidiaries as of March 31, 2011 and 2010, and the related consolidated statements of income, changes in net assets, and cash flows for the years then ended and consolidated statement of comprehensive income for the year ended March 31, 2011, all expressed in yen. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits 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 financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the consolidated financial position of Furukawa Electric Co., Ltd. and consolidated subsidiaries at March 31, 2011 and 2010, and the consolidated results of their operations and their cash flows for the years then ended in conformity with accounting principles generally accepted in Japan.

### Additional information

- 1. As described in Note 26, 1, on April 4, 2011, Furukawa-Sky Aluminum Corp. (hereinafter "Furukawa-Sky") made an announcement that the Consortium which is made up of Furukawa-Sky and its joint partners (Sumitomo Light Metal Industries, Ltd., Sumitomo Corporation, ITOCHU Corporation and ITOCHU Metals Corporation), have agreed with BP Company North America Inc. (hereinafter "BP") with respect to the acquisition of 100% of the outstanding shares of ARCO Aluminum, Inc., a wholly owned subsidiary of BP serving as a manufacturer and supplier of rolled aluminum sheet.
- 2. As described in Note 26, 3, the Board of Directors made a comprehensive resolution on May 26, 2011 to issue domestic unsecured bonds.

As a result of this resolution, unsecured bonds were issued on June 23, 2011.

The U.S. dollar amounts in the accompanying consolidated financial statements with respect to the year ended March 31, 2011 are presented solely for convenience. Our audit also included the translation of yen amounts into U.S. dollar amounts and, in our opinion, such translation has been made on the basis described in Note 3.

Ernst & Young Shin Nilson LLC

# orporate

### **Head Office**

2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322, Japan

PHONE: 81-3-3286-3001

URL: http://www.furukawa.co.jp/english/

### **Common Stock**

¥69,395 million (As of March 31, 2011)

### **Branches**

Osaka

Nagoya

Fukuoka

Hiroshima

Sendai

Sapporo

### **Manufacturing Facilities**

Chiba

Nikko

Hiratsuka

Mie

Yokohama

Osaka

### **Research Laboratories**

Yokohama R&D Laboratories

Metal Research Center

**Ecology & Electronics Laboratories** 

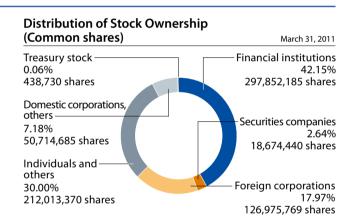
Power & System Laboratories

FITEL Photonics Laboratory

R&D Center for Automotive Systems & Devices

## Stock Information

| Stock Information   | March 31, 2011 |
|---|----------------|
| Number of shares authorized                                   | 2,596,000,000  |
| Common shares   | 2,500,000,000  |
| Preferred shares  | 50,000,000     |
| Subordinated shares   | 46,000,000     |
| Total number of shares issued and outstanding (Common shares) | 706,669,179    |



Total number of shares issued and outstanding: 706,669,179

### Major top 10 shareholders of the Company and the Company's capital contributions to such shareholders

| Name of major shareholders   | Number of shares | Shareholding ratio |
|--|------------------|--------------------|
| Japan Trustee Services Bank, Ltd. (Trust Account)  | 35,774,000       | 5.07%              |
| The Master Trust Bank of Japan, Ltd. (Trust Account)   | 33,745,000       | 4.78%              |
| Japan Trustee Services Bank, Ltd. (Trust Account 9)  | 29,295,000       | 4.15%              |
| Trust & Custody Services Bank, Ltd<br>(Mizuho Trust & Banking; Employee Retirement Benefit Trust, Mizuho Bank Account) | 22,928,250       | 3.25%              |
| Japan Trustee Services Bank, Ltd. (Trust Account 4)  | 22,410,000       | 3.17%              |
| Asahi Mutual Life Insurance Co.  | 16,060,500       | 2.27%              |
| Furukawa Co., Ltd.   | 13,290,455       | 1.88%              |
| SSBT OD05 OMNIBUS ACCOUNT - TREATY CLIENTS   | 12,894,100       | 1.83%              |
| Nippon Life Insurance Co.  | 11,895,000       | 1.68%              |
| Fuji Electric Holdings Co., Ltd.   | 11,000,000       | 1.56%              |

- Notes) 1. The Company holds 438,730 shares of treasure stock, they are excluded from the capital positions of the above shareholding ratio.
  2. Although not mentioned in the above table, Asahi Mutual Life Insurance Company has placed 10,500,000 shares in a retirement benefits trust.
  3. Although not mentioned in the above table, Furukawa Co., Ltd. has placed 10,919,000 shares in a retirement benefits trust.

  - 4. Fuji Electric Holdings Co., Ltd. changed its trade name to FUJI ELECTRIC CO., LTD. on April 1, 2011.