# Supplementary Explanation for Interim Financial Results Fiscal 2007 (From April 1, 2007 to September 30, 2007) < Summary > 

## November 7, 2007

Disclaimers concerning forward-looking statements are prepared on the last page of this material.

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## Nippon Mining Holdings, Inc.

Code
Tokyo 5016


## Fiscal 2007 1H Actual >> Key Points

Key factors (vs. Fiscal 2006 1H)

- Exchange rate
$115 \rightarrow 119 ¥ / \$$ depreciation
- Crude Oil FOB (Dubai spot) $65.4 \rightarrow 67.4$ \$/bbl price up
- Copper price (LME) $338 \rightarrow 348$ \$/lb price up
Sales
$\neq 2,010.6$ bn
11\% up (vs. Fiscal 2006 1H)
- Income before special items $\neq 95.7$ bn
17\% down (vs. Fiscal 2006 1H)
- Equity in income of non-consolidated subsidiaries and affiliates
$¥ 44.4$ bn
$8 \%$ up (vs. Fiscal 2006 1H)
Net income
$¥ 51.0$ bn
$30 \%$ down (vs. Fiscal 2006 1H)

Sales, Income, etc. (Fiscal 2007 1H / Consolidated)


Fiscal 2007 1H >> Changes in income before special items by segment
Fiscal 07 1H Actual vs. Fiscal 06 1H Actual (1)

Total
(¥bn)
115.6


| Petroleum | $(9.6)$ |  |
| :--- | :---: | :---: |
| Upstream (Exploration \& Development) | $(0.2)$ |  |
| Midstream (Refining \& Marketing) | $(7.8)$ | 95.7 |
| Downstream (Petrochemicals) | $(4.0)$ |  |
| Inventory valuation | 2.4 | 32.1 |
| Metals | $(11.2)$ |  |
| Upstream (Resource Development) | $(3.7)$ |  |
| Midstream (Smelting \& Refining) | $(1.2)$ | 59.3 |
| Downstream (Electronic Materials, Metal Manufacturing <br> and Recycling \& Environmental Services) | $(0.5)$ |  |
| Inventory valuation | $(5.9)$ | 4.4 |
| Others | 1.0 |  |

Fiscal 2007 1H >> Changes in income before special items by segment Fiscal 07 1H Actual vs. Fiscal 06 1H Actual (2)

## Petroleum

|  | Petroleum (9.6) |  |  |
| :---: | :---: | :---: | :---: |
| 41.7 | Petroleum (excludes inventory valuation) | (12.0) | 32.1 |
|  | Upstream (Exploration \& Development) | (0.2) |  |
|  | Product volume down | (1.2) |  |
| 22.7 | Foreign exchange gain/loss etc. Midstream (Refining \& Marketing) | $1.0$ (7.8) | 25.1 |
|  | Amendment to tax depreciation system |  |  |
|  | Energy costs | (0.8) |  |
|  | Margin deterioration etc. | (4.8) |  |
|  | Downstream (Petrochemicals) | (4.0) |  |
| 6.8 | Margin deterioration \& cost increase (4.0) |  |  |
| 0.8 |  |  | 6.7 |
| 11.4 | Inventory valuation | 2.4 |  |
|  |  |  | 7.3 |
|  | Upstream (Exploration \& Development) Midstream (Refining \& Marketing) |  | (7.1) |
| $\text { Fiscal } 06 \text { 1H }$ Actual | Downstream (Petrochemicals) |  | $\begin{gathered} \text { Fiscal } 07 \text { 1H } \\ \text { Actual } \end{gathered}$ |

Fiscal 2007 1H >> Changes in income before special items by segment
Fiscal 07 1H Actual vs. Fiscal 06 1H Actual (3)


Fiscal 2007 1H >> Changes in income before special items by segment

## Detailed analysis charts

| (billions of yen) | Fiscal 2007 1H Actual (A) |  |  |  |  | Fiscal 2006 1H Actual (B) |  |  |  |  | Difference (A) - (B) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Nippon Mining Holdings, Inc. \& consolidated subsidiaries |  |  | Equity in income of affiliates | Total | Nippon Mining Holdings, Inc. \& consolidated subsidiaries |  |  | Equity in income of affiliates | Total | Nippon Mining Holdings, Inc. \& consolidated subsidiaries |  |  | Equity in income affiliates | Total |
|  | $\left\|\begin{array}{c} \text { Excluding } \\ \text { extra } \\ \text { factors } \end{array}\right\|$ | Inventory valuation *2 | Changes in regulation for depreciation *3 |  |  | $\left\|\begin{array}{c} \text { Excluding } \\ \text { extra } \\ \text { factors * } \end{array}\right\|$ | Inventory valuation *2 | Changes in regulation for depreciation *3 |  |  | Excluding extra factors ${ }^{1}$ | Inventory valuation *2 | Changes in regulation for depreciation *3 |  |  |
| Petroleum | 5.8 | 25.1 | (2.2) | 3.3 | 32.1 | 15.0 | 22.7 |  | 3.9 | 41.7 | (9.2) | 2.4 | (2.2) | (0.6) | (9.6) |
| Upstream <br> (Exploration \& Development) | 2.9 |  |  | 3.8 | 6.7 | 2.9 |  |  | 3.9 | 6.8 | (0.1) | - | - | (0.1) | (0.2) |
| $\begin{aligned} & \text { Midstream } \\ & \text { (Refining \& Marketing) } \end{aligned}$ | (4.3) | 25.1 | (2.2) | (0.5) | 18.1 | 0.8 | 22.7 |  | (0.0) | 23.5 | (5.1) | 2.4 | (2.2) | (0.5) | (5.4) |
| Downstream (Petrochemicals) | 7.3 |  |  |  | 7.3 | 11.4 |  |  |  | 11.4 | (4.0) |  | - |  | (4.0) |
| Metals | 26.1 | (5.7) | (0.5) | 39.3 | 59.3 | 34.4 | 0.2 |  | 35.9 | 70.5 | (8.3) | (5.9) | (0.5) | 3.5 | (11.2) |
| Upstream (Resource Development) *4 | (5.4) |  | (0.0) | 30.9 | 25.5 | (1.6) |  |  | 30.8 | 29.2 | (3.8) | - | (0.0) | 0.1 | (3.7) |
| Midstream (Smelting \& Refining) *4 | 16.6 | 0.1 | (0.3) | 8.4 | 24.8 | 20.9 |  |  | 5.0 | 25.9 | (4.2) | 0.1 | (0.3) | 3.4 | (1.1) |
| Downstream | 14.8 | (5.8) | (0.1) | 0.0 | 8.9 | 15.2 | 0.2 |  | 0.0 | 15.4 | (0.3) | (6.0) | (0.1) | 0.0 | (6.5) |
| Recycling \& Environmental Services *4 | 5.5 |  | (0.0) |  | 5.5 | 3.8 |  |  |  | 3.8 | 1.7 |  | (0.0) |  | 1.7 |
| Electronic Materials | 4.4 | (5.5) | (0.1) |  | (1.2) | 4.8 | 0.2 |  |  | 5.1 | (0.5) | (5.7) | (0.1) |  | (6.3) |
| Metal Manufacturing | 3.2 | 0.0 | (0.1) | 0.0 | 3.1 | 4.9 |  |  | 0.0 | 4.9 | (1.8) | 0.0 | (0.1) | 0.0 | (1.8) |
| Eliminations in Metals segment *4 | 1.8 | (0.3) | (0.0) | 0.0 | 1.4 | 1.6 |  |  | 0.0 | 1.6 | 0.2 | (0.3) | (0.0) | (0.0) | (0.2) |
| Others | 3.1 | (0.5) | (0.0) | 1.8 | 4.4 | 1.9 |  |  | 1.5 | 3.4 | 1.2 | (0.5) | (0.0) | 0.3 | 1.0 |
| Total | 35.0 | 18.9 | (2.7) | 44.4 | 95.7 | 51.3 | 23.0 |  | 41.3 | 115.6 | (16.3) | (4.1) | (2.7) | 3.1 | (19.9) |
| Upstream | (2.5) | - | (0.0) | 34.7 | 32.2 | 1.3 | - | - | 34.7 | 36.0 | (3.8) |  | (0.0) | (0.0) | (3.8) |
| Midstream | 12.3 | 25.2 | (2.5) | 7.9 | 42.9 | 21.6 | 22.7 | - | 5.0 | 49.4 | (9.3) | 2.5 | (2.5) | 2.8 | (6.5) |
| Downstream | 22.2 | (5.8) | (0.1) | 0.0 | 16.3 | 26.5 | 0.2 | - | 0.0 | 26.8 | (4.4) | (6.0) | (0.1) | 0.0 | (10.5) |
| Others | 3.1 | (0.5) | (0.0) | 1.8 | 4.4 | 1.9 |  | - | 1.5 | 3.4 | 1.2 | (0.5) | (0.0) | 0.3 | 1.0 |
| Income before special items excluding inventory valuation and changes in regulation for depreciation. |  |  |  |  | 79.5 |  |  |  |  | 92.6 |  |  |  |  | (13.2) |

*1 Extra factors: Inventory valuation gain or loss and changes in regulation for depreciation.
*2 Inventory valuation by the lower of cost or market method included in inventory valuation
*3 Increase in depreciation by removal of allowable limit for depreciation in Fiscal 2007.
*4 Upstream (Resource Development), Midstream (Smelting \& Refining) and Downstream (Recycling \& Environmental Services and a portion of Eliminations in Metals segment)

## Fiscal 2007 Forecast >> Key Points

Key factors (vs. Fiscal 2006)

- Exchange rate
$117 \rightarrow 115 ¥ / \$$ appreciation
- Crude Oil FOB (Dubai spot)
$60.9 \rightarrow 70.0 \$ / \mathrm{bbl}$ price up
- Copper price (LME) $316 \rightarrow 339$ ¢/lb price up
- Sales
$¥ 4,200.0$ bn
$10 \%$ up (vs. Fiscal 2006)
Income before special items $\neq 190.0$ bn
15\% down (vs. Fiscal 2006)
- Equity in income of non-consolidated subsidiaries and affiliates $¥ 87.5$ bn
8\% down (vs. Fiscal 2006)
Net income
$¥ 98.0$ bn
8\% down (vs. Fiscal 2006)

Sales, Income, etc. (Fiscal 2007 / Consolidated)


Fiscal $2007 \gg$ Changes in income before special items by segment
Fiscal 07 Forecast vs. Fiscal 06 Actual (1)


Fiscal 2007 >> Changes in income before special items by segment
Fiscal 07 Forecast vs. Fiscal 06 Actual (2)

## Petroleum



Fiscal $2007 \gg$ Changes in income before special items by segment
Fiscal 07 Forecast vs. Fiscal 06 Actual (3)


Fiscal 2007 >> Changes in income before special items by segment
Detailed analysis charts

| (billions of yen) | Fiscal 2007 Forecast (A) |  |  |  |  | Fiscal 2006 Actual (B) |  |  |  |  | Difference (A) - (B) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Nippon Mining Holdings, Inc. \& consolidated subsidiaries |  |  | Equity in affiliates affiliates | Total | Nippon Mining Holdings, Inc. \& consolidated subsidiaries |  |  | Equity in income of affiliates | Total | Nippon Mining Holdings, Inc. \& consolidated subsidiaries |  |  | $\begin{aligned} & \text { Equity in } \\ & \text { income } \\ & \text { of } \\ & \text { affiliate } \end{aligned}$ | Total |
|  | $\left\|\begin{array}{c} \text { Excluding } \\ \text { extra } \\ \text { factors } \end{array}\right\|$ | Inventory valuation *2 | Changes in <br> regulation <br> for <br> depreciation <br> $* 3$ |  |  | $\left\|\begin{array}{c} \text { Excluding } \\ \text { fextra } \\ \text { factors } \end{array}\right\|$ | Inventory valuation *2 | Changes in <br> regulation <br> for <br> depreciation <br> $* 3$$\|$ |  |  | $\left.\begin{gathered} \text { Excluding } \\ \text { extra } \\ \text { factors *1 } \end{gathered} \right\rvert\,$ | Inventory valuation *2 | Changes in <br> regulation <br> for <br> depreciation <br> $* 3$ |  |  |
| Petroleum | 35.5 | 30.0 | (5.0) | 5.5 | 66.0 | 61.2 | 13.2 |  | 7.5 | 81.9 | (25.7) | 16.8 | (5.0) | (2.0) | (15.9) |
| Upstream (Exploration \& Development) | 4.0 |  |  | 6.0 | 10.0 | 6.6 |  |  | 8.5 | 15.1 | (2.6) | - |  | (2.5) | (5.1) |
| Midstream <br> (Refining \& Marketing) | 17.5 | 30.0 | (5.0) | (0.5) | 42.0 | 29.7 | 13.2 |  | (1.0) | 41.9 | (12.2) | 16.8 | (5.0) | 0.5 | 0.1 |
| Downstream (Petrochemicals) | 14.0 |  |  |  | 14.0 | 24.9 |  |  |  | 24.9 | (10.9) |  |  |  | (10.9) |
| Metals | 44.2 | (5.7) | (1.0) | 78.5 | 116.0 | 59.5 | (9.9) | - | 84.5 | 134.1 | (15.3) | 4.2 | (1.0) | (6.0) | (18.1) |
| Upstream (Resource Development) *4 | (9.7) |  |  | 64.2 | 54.5 | (5.6) |  |  | 67.1 | 61.4 | (4.1) |  |  | (2.9) | (6.9) |
| $\begin{aligned} & \text { Midstream } \\ & \text { (Smelting \& Refining) *4 } \end{aligned}$ | 25.3 | 0.1 | (0.7) | 14.3 | 39.0 | 38.4 | (0.3) |  | 17.4 | 55.5 | (13.1) | 0.4 | (0.7) | (3.1) | (16.5) |
| Downstream | 28.6 | (5.8) | (0.3) | 0.0 | 22.5 | 26.7 | (9.6) |  | 0.0 | 17.1 | 1.9 | 3.8 | (0.3) | (0.0) | 5.4 |
| Recycling \& Environmental Services *4 | 10.0 |  |  |  | 10.0 | 8.6 |  |  |  | 8.6 | 1.4 |  |  |  | 1.4 |
| Electronic Materials | 8.8 | (5.5) | (0.2) |  | 3.1 | 7.7 | (9.9) |  |  | (2.2) | 1.1 | 4.4 | (0.2) |  | 5.3 |
| Metal Manufacturing | 7.5 |  | (0.1) | 0.0 | 7.4 | 6.8 | (0.2) |  | 0.0 | 6.6 | 0.7 | 0.2 | (0.1) | (0.0) | 0.8 |
| Eliminations in Metals segment *4 | 2.3 | (0.3) |  | 0.0 | 2.0 | 3.6 | 0.5 |  | 0.0 | 4.1 | (1.3) | (0.8) |  | (0.0) | (2.1) |
| Others | 5.0 | (0.5) |  | 3.5 | 8.0 | 5.4 | (0.1) |  | 3.0 | 8.3 | (0.4) | (0.4) |  | 0.6 | (0.3) |
| Total | 84.7 | 23.8 | (6.0) | 87.5 | 190.0 | 126.0 | 3.3 | - | 94.9 | 224.2 | (41.3) | 20.5 | (6.0) | (7.4) | (34.2) |
| Upstream | (5.7) | - | - | 70.2 | 64.5 | 0.9 | - | - | 75.6 | 76.5 | (6.6) |  |  | (5.4) | (12.0) |
| Midstream | 42.8 | 30.1 | (5.7) | 13.8 | 81.0 | 68.1 | 13.0 | - | 16.4 | 97.4 | (25.3) | 17.1 | (5.7) | (2.6) | (16.4) |
| Downstream | 42.6 | (5.8) | (0.3) | - | 36.5 | 51.6 | (9.6) | - | 0.0 | 42.1 | (9.0) | 3.8 | (0.3) | (0.0) | (5.6) |
| Others | 5.0 | (0.5) | - | 3.5 | 8.0 | 5.4 | (0.1) | - | 3.0 | 8.3 | (0.4) | (0.4) |  | 0.6 | (0.3) |
| Income before special items excluding inventory valuation and changes in regulation for depreciation. |  |  |  |  | 172.2 |  |  |  |  | 220.9 |  |  |  |  | (48.7) |

*1 Extra factors: Inventory valuation gain or loss and changes in regulation for depreciation
*2 Inventory valuation by the lower of cost or market method included in inventory valuation.
*3 Increase in depreciation by removal of allowable limit for depreciation in Fiscal 2007.
*4 Upstream (Resource Development), Midstream (Smelting \& Refining) and Downstream (Recycling \& Environmental Services and a portion of Eliminations in Metals segment)

Balance sheets / Financial indicators

As of Sep. 30, 2007 Actual


As of Mar. 31, 2008 Forecast
Deteriorating D/E ratio, but shareholders' equity ratio is expected to improve

| Total assets | $¥ 2,248.0$ bn |
| :--- | :---: |
| Interest-bearing debt | $¥ 842.0$ bn |
| Shareholders' equity | $¥ 6698.0$ bn |
| Shareholders' equity ratio | $31.0 \%$ |
| D/E ratio | 1.21 |



## Fiscal 2007 1H Actual

Cash inflow


Cash outflow

| Capital expenditure, <br> loan \& investment <br> 38.7 |
| :---: |
| Decrease in accounts payable-facilities 13.3 |
| Increase in working capital <br> 21.1 <br> Dividends 7.4 <br> Dividends paid to minority shareholders stc. 8.3 <br> Tax payment etc. <br> 37.1 |

Financing
Increase of interest-bearing debt 27.1

Exchange rate changes 0.5

## Cash flows

- Capital expenditure, Ioan \& investment in Fiscal 2007 Forecast are based on Medium Term Management Plan of Fiscal 2007-2009.
- Increase in working capital includes impact of payment of gasoline tax depending on a term-end holiday.


## Fiscal 2007 Forecast

| Cash inflow | Cash outflow |
| :---: | :---: |
| Income before special items <br> (excluding equity in income of non-consolidated subsidiaries and affiliates) 102.5 | Capital expenditure, loan \& investment 170.0 |
| Depreciation 63.0 |  |
| Dividends received from affiliates accounted for by equity method 55.0 | Decrease in accounts payable-facilities 13.0 |
|  | Increase in working capital |
| Collection of loanand investment, etc 10,0 | 66.0 |
|  | Dividends 14.8 |
| Free cash flow (129.0) | Dividends paid to minority shareholders etc. 16.2 |
|  | Tax payment etc. 79.5 |
| $\checkmark$ | Financing |
| Free cash flow (129.0) | Increase of interest-bearing debt |
| Increase in cash 25.0 |  |
| Proceeds from issuance of stock to minority shareholders 1.0 |  |

## Forward-looking statements

- This material includes Nippon Mining Holdings' future plans, strategies, earnings forecast, and outlook
- Information in this material includes not only facts that have occurred, but also forecasts, assumptions and opinions based on available information as of November 7, 2007
- This also includes unlimited risks and uncertainties related to the economic condition, fierce competition in the industry, market demand, foreign exchange rate, tax system and other regulations
- Hence please note that actual results may differ from our forecasts described in this material


## Interim Financial Results FY2007

I Interim Financial Results FY 2007 and Annual Forecast for FY2007
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2 .Consolidated Cash Flows
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5 .Dividend
6 .Number of Employees

## NIPPON MINING HOLDINGS, INC.

November 7, 2007

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※ The forecasts are based on the information available as of November 7, 2007. The actual results are subject to
change
    due to changes in the business environment.
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## I Interim Financial Results FY 2007 and Annual Forecast for FY2007

## 1. Operating Results (consolidated) for the 1st Half of FY2007

(1) Outline of Consolidated Statements of Income

| (Billions of Yen) | FY2007 | FY2006 | Difference |
| :---: | :---: | :---: | :---: |
|  | 1H Actual | 1 H Actual |  |
| Net sales | 2,010.6 | 1,807.5 | 203.1 |
| Operating income | 50.3 | 75.5 | (25.2) |
| Other income and expenses, net | 45.4 | 40.1 | 5.3 |
| Equity in income of non-consolidated subsidiaries and affiliates | 44.4 | 41.3 | 3.1 |
| Other, net | 0.9 | (1.2) | 2.2 |
| Income before special items | 95.7 | 115.6 | (19.9) |
| Special profit and loss, net | 2.7 | 8.4 | (5.7) |
| Income taxes | 35.3 | 37.8 | (2.5) |
| Minority interests in earnings of consolidated subsidiaries | 12.1 | 13.7 | (1.5) |
| Net income | 51.0 | 72.5 | (21.5) |

2) Scope of Consolidation
(1)Consolidated subsidiaries
(2)Equity method affiliates

113 ( 1 addition, 2 reduction)
15 ( - addition, - reduction)
(3) For the 1st Half of FY2007
(1)Breakdown of income before special items, $¥ 95.7$ billion
(i) Operating income, $¥ 50.3$ billion

Petroleum
$¥ 28.3$ billion
Metals
Resources \& Metals
Electronic Materials
Metal Manufacturing
Metals Group Adjustments
Others
Total

(2)Breakdown of special profit and loss, $¥ 2.7$ billion

| Gain on sales of property, plant and equipment | ¥ 1.3 |
| :---: | :---: |
| Reversal of reserve for loss on business liquidation | ¥ 2.2 |
| Compensation income for expropriation | ¥ 1.9 |
| Loss on sales and disposal of property, plant and equipment | $¥$ (2.1) |
| Impairment losses | $¥(0.8)$ |
| Other | $¥ 0.2$ |
| Total | $¥ 2.7$ |

(4) Segment Information

| (Billions of Yen) |  |  |  | Difference |
| :---: | :---: | :---: | :---: | :---: |
|  |  | FY2007 | FY2006 |  |
|  |  | 1H | 1H |  |
|  |  | Actual | Actual |  |
| Petroleum | Net sales | 1,434.9 | 1,297.5 | 137.4 |
|  | Operating income | 28.3 | 38.4 | (10.2) |
|  | Income before special items | 32.1 | 41.7 | (9.6) |
| Metals | Net sales | 565.2 | 503.6 | 61.6 |
|  | Operating income | 20.5 | 35.6 | (15.1) |
|  | Income before special items | 59.3 | 70.5 | (11.2) |
| Resources \& Metals | Net sales | 499.0 | 438.2 | 60.8 |
|  | Operating income | 17.7 | 24.9 | (7.2) |
|  | Income before special items | 57.3 | 60.1 | (2.9) |
| Electronic Materials | Net sales | 67.8 | 64.6 | 3.2 |
|  | Operating income | (0.3) | 5.7 | (6.0) |
|  | Income before special items | (1.2) | 5.1 | (6.3) |
| Metal Manufacturing | Net sales | 36.2 | 35.1 | 1.1 |
|  | Operating income | 3.1 | 4.6 | (1.6) |
|  | Income before special items | 3.1 | 4.9 | (1.8) |
| Metals Group Adjustments | Net sales | (37.7) | (34.3) | (3.5) |
|  | Operating income | 0.0 | 0.3 | (0.3) |
|  | Income before special items | 0.0 | 0.3 | (0.3) |
| Others | Net sales | 32.6 | 25.0 | 7.6 |
|  | Operating income | 1.5 | 1.5 | 0.0 |
|  | Income before special items | 4.4 | 3.4 | 1.0 |
| Eliminations | Net sales | (22.1) | (18.5) | (3.6) |
| Total | Net sales | 2,010.6 | 1,807.5 | 203.1 |
|  | Operating income | 50.3 | 75.5 | (25.2) |
|  | Income before special items | 95.7 | 115.6 | (19.9) |

(5) Key Factors


## 2. Annual Forecast for FY2007

## <1>Comparison with FY2006 Results



## (2) Outline of Consolidated Statements of Income

(Billions of Yen)

Number of shares ( 1,000 shares)
*Earnings per share of the annual forecast for FY2007 is calculated on the basis of the number of shares outstanding at the end of September, 2007
*Total 80,000,000 new shares were issued in July and August, 2006.
※Profit or loss in inventory valuation

| Inventory valuation by periodic inventory system | 23.9 | 4.9 | 28.8 | 23.0 | (11.0) | 12.0 | 0.9 | 15.8 | 16.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Inventory valuation by the lower of cost or market method | (5.0) | - | (5.0) | - | (8.7) | (8.7) | (5.0) | 8.7 | 3.7 |
| Total | 18.9 | 4.9 | 23.8 | 23.0 | (19.7) | 3.3 | (4.1) | 24.5 | 20.5 |

(3) Segment Information

※Profit or loss in inventory valuation by segment

| Petroleum | Inventory valuation by periodic inventory system | 25.1 | 4.9 | 30.0 | 22.7 | (8.5) | 14.2 | 2.4 | 13.4 | 15.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Inventory valuation by the lower of cost or market method | 0.0 | - | 0.0 | - | (1.0) | (1.0) | 0.0 | 1.0 | 1.0 |
|  | Total | 25.1 | 4.9 | 30.0 | 22.7 | (9.5) | 13.2 | 2.4 | 14.4 | 16.8 |
| Metals | Inventory valuation by periodic inventory system | (1.2) | - | (1.2) | 0.2 | (2.4) | (2.2) | (1.4) | 2.4 | 1.0 |
|  | Inventory valuation by the lower of cost or market method | (4.5) | - | (4.5) | - | (7.7) | (7.7) | (4.5) | 7.7 | 3.2 |
|  | Total | (5.7) | - | (5.7) | 0.2 | (10.1) | (9.9) | (5.9) | 10.1 | 4.2 |

(4) Comparison of Income before Special Items (FY2007 vs. FY2006)

| (Billions of Yen) | FY2007 <br> Forecast | FY2006 Actual | Difference | Note |
| :---: | :---: | :---: | :---: | :---: |
| Petroleum | 66.0 | 81.9 | (15.9) | -Increase in profit in inventory valuation, 16.8bn (FY2006: 13.2bn $\rightarrow$ FY2007: 30.0bn) <br> - Petrochemicals, (10.9bn) <br> - Increase in energy costs, (4.4bn) <br> - Amendment to tax depreciation system, (5.0bn) <br> - Margin deterioration, etc., (12.4bn) |
| Metals | 116.0 | 134.1 | (18.1) |  |
| Resources \& Metals | 105.5 | 127.8 | (22.3) | Resources \& Metals Company and consolidated subsidiaries (16.3bn) <br> - Increase in profit from Recycling \& Environmental Services business <br> -TC/RC deterioration <br> - Increase in cost for Caserones project, etc. <br> Equity in Income of Non-consolidated Subsidiaries and Affiliates (6.0bn) <br> - Copper price up <br> -TC/RC deterioration (LS-Nikko Copper) <br> - Reduction of output (Overseas mines) |
| Electronic Materials | 3.1 | (2.2) | 5.3 | - Increase in products sales <br> - Improvement in margin <br> - Decrease in loss in inventory valuation, 4.4bn (FY2006: (9.9bn) $\rightarrow$ FY2007: (5.5bn)) |
| Metal Manufacturing | 7.4 | 6.6 | 0.8 | -Sales increase in Copper foil, Corson alloy and other products <br> - Decrease in loss in consolidated subsidiaries, etc. |
| Metals Group Adjustments | - | 1.9 | (1.9) | Elimination of internal profit etc. |
| Others | 8.0 | 8.3 | (0.3) |  |
| Total | 190.0 | 224.2 | (34.2) |  |


(2) Outline of Consolidated Statements of Income

| (Billions of Yen) | FY2007 (Revised Forecast) |  |  | FY2007 (Previous Forecast) |  |  | Difference |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1H <br> Actual | $2 \mathrm{H}$ <br> Forecast | Total | 1H <br> Forecast | $2 \mathrm{H}$ <br> Forecast | Total | 1H | 2H | Total |
| Net sales | 2,010.6 | 2,189.4 | 4,200.0 | 1,980.0 | 2,014.0 | 3,994.0 | 30.6 | 175.4 | 206.0 |
| Operating income | 50.3 | 59.7 | 110.0 | 53.0 | 66.0 | 119.0 | (2.7) | (6.3) | (9.0) |
| Income before special items | 95.7 | 94.3 | 190.0 | 94.0 | 96.0 | 190.0 | 1.7 | (1.7) | - |
| Net income | 51.0 | 47.0 | 98.0 | 52.0 | 53.0 | 105.0 | (1.0) | (6.0) | (7.0) |
| Earnings per share (yen) | 55.04 |  | 105.74 | 56.10 |  | 113.29 | (1.07) |  | (7.55) |
| Number of shares ( 1,000 shares) | 926,850 |  | 926,813 | 926,860 |  | 926,860 |  |  |  |

*Earnings per share of the forecast for FY2007 is calculated on the basis of the number of shares outstanding at the end of September, 2007
※Profit or loss in inventory valuation

| Inventory valuation by periodic inventory system | 23.9 | 4.9 | 28.8 | 25.6 | - | 25.6 | (1.7) | 4.9 | 3.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Inventory valuation by the lower of cost or market method | (5.0) | - | (5.0) | (0.8) | - | (0.8) | (4.2) | - | (4.2) |
| Total | 18.9 | 4.9 | 23.8 | 24.8 | - | 24.8 | (5.9) | 4.9 | (1.0) |

(3) Segment Information

| 3) Segment Inform (Billions of Yen) |  | FY2007 (Revised Forecast) |  |  | FY2007 (Previous Forecast) |  |  | Difference |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1H <br> Actual | $2 \mathrm{H}$ <br> Forecast | Total | 1H <br> Forecast | $2 \mathrm{H}$ <br> Forecast | Total | 1H | 2 H | Total |
| Petroleum | Net sales | 1,434.9 | 1,645.1 | 3,080.0 | 1,420.0 | 1,500.0 | 2,920.0 | 14.9 | 145.1 | 160.0 |
|  | Operating income | 28.3 | 35.7 | 64.0 | 28.0 | 41.5 | 69.5 | 0.3 | (5.8) | (5.5) |
|  | Income before special items | 32.1 | 33.9 | 66.0 | 31.0 | 41.0 | 72.0 | 1.1 | (7.1) | (6.0) |
| Metals | Net sales | 565.2 | 524.8 | 1,090.0 | 545.0 | 503.0 | 1,048.0 | 20.2 | 21.8 | 42.0 |
|  | Operating income | 20.5 | 20.5 | 41.0 | 24.0 | 22.0 | 46.0 | (3.5) | (1.5) | (5.0) |
|  | Income before special items | 59.3 | 56.7 | 116.0 | 60.0 | 52.0 | 112.0 | (0.7) | 4.7 | 4.0 |
| Resources \& Metals | Net sales | 499.0 | 456.0 | 955.0 | 482.0 | 407.0 | 889.0 | 17.0 | 49.0 | 66.0 |
|  | Operating income | 17.7 | 10.6 | 28.3 | 16.0 | 10.5 | 26.5 | 1.7 | 0.1 | 1.8 |
|  | Income before special items | 57.3 | 48.2 | 105.5 | 53.0 | 42.5 | 95.5 | 4.3 | 5.7 | 10.0 |
| Electronic Materials | Net sales | 67.8 | 64.2 | 132.0 | 65.0 | 82.0 | 147.0 | 2.8 | (17.8) | (15.0) |
|  | Operating income | (0.3) | 5.5 | 5.2 | 5.5 | 6.5 | 12.0 | (5.8) | (1.0) | (6.8) |
|  | Income before special items | (1.2) | 4.3 | 3.1 | 4.5 | 5.0 | 9.5 | (5.7) | (0.7) | (6.4) |
| Metal <br> Manufacturing | Net sales | 36.2 | 39.8 | 76.0 | 37.0 | 40.0 | 77.0 | (0.8) | (0.2) | (1.0) |
|  | Operating income | 3.1 | 4.4 | 7.5 | 2.5 | 5.0 | 7.5 | 0.6 | (0.6) |  |
|  | Income before special items | 3.1 | 4.3 | 7.4 | 2.5 | 4.5 | 7.0 | 0.6 | (0.2) | 0.4 |
| Metals <br> Group <br> Adjustments | Net sales | (37.7) | (35.3) | (73.0) | (39.0) | (26.0) | (65.0) | 1.3 | (9.3) | (8.0) |
|  | Operating income | 0.0 | (0.0) | - | - | - | - | 0.0 | (0.0) | - |
|  | Income before special items | 0.0 | (0.0) | - | - | - | - | 0.0 | (0.0) |  |
| Others | Net sales | 32.6 | 41.4 | 74.0 | 35.0 | 36.0 | 71.0 | (2.4) | 5.4 | 3.0 |
|  | Operating income | 1.5 | 3.5 | 5.0 | 1.0 | 2.5 | 3.5 | 0.5 | 1.0 | 1.5 |
|  | Income before special items | 4.4 | 3.6 | 8.0 | 3.0 | 3.0 | 6.0 | 1.4 | 0.6 | 2.0 |
| Eliminations | Net sales | (22.1) | (21.9) | (44.0) | (20.0) | (25.0) | (45.0) | (2.1) | 3.1 | 1.0 |
| Total | Net sales | 2,010.6 | 2,189.4 | 4,200.0 | 1,980.0 | 2,014.0 | 3,994.0 | 30.6 | 175.4 | 206.0 |
|  | Operating income | 50.3 | 59.7 | 110.0 | 53.0 | 66.0 | 119.0 | (2.7) | (6.3) | (9.0) |
|  | Income before special items | 95.7 | 94.3 | 190.0 | 94.0 | 96.0 | 190.0 | 1.7 | (1.7) | - |

※Profit or loss in inventory valuation by segment

| Petroleum | Inventory valuation by periodic inventory system | 25.1 | 4.9 | 30.0 | 26.5 | - | 26.5 | (1.4) | 4.9 | 3.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Inventory valuation by the lower of cost or market method | 0.0 | - | 0.0 | (3.0) | - | (3.0) | 3.0 | - | 3.0 |
|  | Total | 25.1 | 4.9 | 30.0 | 23.5 | - | 23.5 | 1.6 | 4.9 | 6.5 |
| Metals | Inventory valuation by periodic inventory system | (1.2) | - | (1.2) | (0.9) | - | (0.9) | (0.3) | - | (0.3) |
|  | Inventory valuation by the lower of cost or market method | (4.5) | - | (4.5) | 2.2 | - | 2.2 | (6.7) | - | (6.7) |
|  | Total | (5.7) | - | (5.7) | 1.3 | - | 1.3 | (7.0) |  | (7.0) |

(4) Comparison of Income before Special Items (Results vs. Forecast for 1 H of FY2007)

| (Billions of Yen) | $\begin{gathered} \text { FY2007 } 1 \mathrm{H} \\ \text { Actual } \\ \hline \end{gathered}$ | $\begin{gathered} \text { FY2007 1H } \\ \text { Forecast } \\ \hline \end{gathered}$ | Difference | Note |
| :---: | :---: | :---: | :---: | :---: |
| Petroleum | 32.1 | 31.0 | 1.1 | -Increase in profit in inventory valuation, 1.6bn (Previous Forcast: 23.5bn $\rightarrow$ Actual: 25.1bn) <br> - Petrochemicals, (2.7bn) <br> - Cost reduction, etc.. 2.2bn |
| Metals | 59.3 | 60.0 | (0.7) |  |
| Resources \& Metals | 57.3 | 53.0 | 4.3 | Resources \& Metals Company and consolidated subsidiaries, 3.6bn <br> -Increase in profit from Recycling \& Environmental Services business <br> - Copper price up, etc. <br> Equity in income of non-consolidated subsidiaries and affiliates, 0.7 bn <br> - Cost reduction in LS-Nikko Copper, etc. |
| Electronic Materials | (1.2) | 4.5 | (5.7) | - Sales increase <br> - Improvement in margin <br> -Increase in loss in inventory valuation, (6.7bn) (Previous Forecast: 1.3bn $\rightarrow$ Actual: ( 5.5 bn )) |
| Metal Manufacturing | 3.1 | 2.5 | 0.6 | - Sales increase in Copper foil <br> - Improvement in margin by high copper price, etc. |
| Metals Group Adjustments | 0.0 | - | 0.0 |  |
| Others | 4.4 | 3.0 | 1.4 | Increase in profit of Independent operating companies and Functional support companies, etc. |
| Total | 95.7 | 94.0 | 1.7 |  |

(5) Comparison of Income before Special Items (Revised vs. Previous Forecasts for FY2007)

| (Billions of Yen) | FY2007 <br> Revised | $\overline{F Y 2007}$ <br> Previous | Difference | Note |
| :---: | :---: | :---: | :---: | :---: |
| Petroleum | 66.0 | 72.0 | (6.0) | -Increase in profit in inventory valuation, 6.5bn (Previous Forcast: 23.5bn $\rightarrow$ Actual: 30.0bn) <br> - Petrochemicals, (10.0bn) <br> - Increase in energy costs, (3.3bn) |
| Metals | 116.0 | 112.0 | 4.0 |  |
| Resources \& Metals | 105.5 | 95.5 | 10.0 | Resources \& Metals Company and consolidated subsidiaries, 3.1bn <br> -Increase in profit from Recycling \& Environmental Services business <br> - Copper price up, etc. <br> Equity in income of non-consolidated subsidiaries and affiliates, 6.9bn - Copper price up, etc. |
| Electronic Materials | 3.1 | 9.5 | (6.4) | - Improvement in margin <br> - Sales decrease <br> - Increase in loss in inventory valuation, (6.7bn) (Previous Forecast: 1.3bn $\rightarrow$ Actual: (5.5bn)) |
| Metal Manufacturing | 7.4 | 7.0 | 0.4 | - Sales increase in Phosphor bronze, Corson alloy, etc. |
| Metals Group Adjustments | - | - | - |  |
| Others | 8.0 | 6.0 | 2.0 | Increase in profit of Independent operating companies and Functional support companies, etc. |
| Total | 190.0 | 190.0 | - |  |

## II Segment Information

## $<1>$ Petroleum (Japan Energy Group)

| (1) Operating Results |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY2007 |  |  | FY2006 |  |  | Difference |  |  |
| (Billions of Yen) | 1H Actual | $2 \mathrm{H}$ <br> Forecast | Total | 1H Actual | $\begin{gathered} 2 \mathrm{H} \\ \text { Actual } \end{gathered}$ | Total | 1H | 2H | Total |
| Net sales | 1,434.9 | 1,645.1 | 3,080.0 | 1,297.5 | 1,458.2 | 2,755.7 | 137.4 | 186.8 | 324.3 |
| Operating income | 28.3 | 35.7 | 64.0 | 38.4 | 37.5 | 75.9 | (10.2) | (1.8) | (11.9) |
| Income before special items | 32.1 | 33.9 | 66.0 | 41.7 | 40.2 | 81.9 | (9.6) | (6.3) | (15.9) |

〈FY2007 1H vs.FY2006 1H〉
Factors in $¥ 9.6$ billion decrease in income before special items

- Increase in profit in inventory valuation, $¥ 2.4$ billion (FY2006 1H: $¥ 22.7$ billion $\rightarrow$ FY2007 1H: $¥ 25.1$ billion)
- Petrochemicals, ( $¥ 4.0$ billion)
- Others, ( $¥ 8.6$ billion) (Amendment to tax depreciaton system, margin deterioration, etc.)
- Improvement in other income and expenses, net, $¥ 0.6$ billion (Increase in exchange gain, etc.)
(2) Sales Volume and Growth Rate

|  | Domestic Sales Volume (Thousands of KL) |  |  |  |  |  | Growth Rate (FY2007 vs. FY2006) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY2007 |  |  | FY2006 |  |  | 1H | 2H | Total |
|  | $\begin{gathered} 1 \mathrm{H} \\ \text { Actual } \end{gathered}$ | $2 \mathrm{H}$ <br> Forecast | Total | $\begin{gathered} 1 \mathrm{H} \\ \text { Actual } \end{gathered}$ | $\begin{gathered} 2 \mathrm{H} \\ \text { Actual } \end{gathered}$ | Total |  |  |  |
| Gasoline | 3,158 | 2,980 | 6,138 | 3,113 | 2,972 | 6,085 | 101.4\% | 100.3\% | 100.9\% |
| Naphtha | 1,803 | 2,510 | 4,313 | 1,704 | 2,008 | 3,712 | 105.8\% | 125.0\% | 116.2\% |
| Jet Fuel | 305 | 300 | 605 | 322 | 330 | 652 | 94.7\% | 90.9\% | 92.8\% |
| Kerosene | 663 | 2,050 | 2,713 | 715 | 1,811 | 2,526 | 92.7\% | 113.2\% | 107.4\% |
| Gas Oil | 2,092 | 2,090 | 4,182 | 2,084 | 2,113 | 4,197 | 100.4\% | 98.9\% | 99.6\% |
| A Heavy Fuel | 1,059 | 1,280 | 2,339 | 1,235 | 1,359 | 2,594 | 85.7\% | 94.2\% | 90.2\% |
| C Heavy Fuel | 1,261 | 1,230 | 2,491 | 939 | 1,059 | 1,998 | 134.3\% | 116.1\% | 124.7\% |
| Total | 10,340 | 12,440 | 22,780 | 10,112 | 11,651 | 21,763 | 102.3\% | 106.8\% | 104.7\% |
| Gasoline \& Middle Distillation | 6,972 | 8,400 | 15,372 | 7,148 | 8,254 | 15,402 | 97.5\% | 101.8\% | 99.8\% |

(3) Refining Volume of Crude Oil and Capacity Utilization Rate of Crude Oil Distillation Units

|  |  | FY2007 |  |  | FY2006 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Apr.-Jun. Actual | Jul.-Sep. Actual | 1H <br> Actual | Apr.-Jun. Actual | Jul.-Sep. Actual | 1H <br> Actual | Oct.-Dec. Actual | Jan.-Mar. Actual | Total |
| Group Total | Refining volume (ten thousand of KL) | 467 | 562 | 1,029 | 453 | 583 | 1,035 | 569 | 552 | 2,156 |
|  | Utilization rate | 80\% | 93\% | 85\% | 79\% | 98\% | 89\% | 94\% | 93\% | 91\% |
|  | Comparison with previous year | 103\% | 96\% | 99\% | 100\% | 110\% | 105\% | 105\% | 101\% | 104\% |
| Mizushima | Refining volume (ten thousand of KL) | 195 | 287 | 482 | 294 | 297 | 591 | 293 | 279 | 1,163 |
|  | Utilization rate | 66\% | 96\% | 81\% | 99\% | 99\% | 99\% | 98\% | 95\% | 98\% |
|  | Comparison with previous year | 66\% | 97\% | 82\% | 149\% | 110\% | 127\% | 105\% | 96\% | 112\% |
| Kashima | Refining volume (millions of KL) | 272 | 275 | 547 | 159 | 286 | 445 | 276 | 272 | 993 |
|  | Utilization rate | 90\% | 90\% | 90\% | 57\% | 98\% | 78\% | 90\% | 91\% | 84\% |
|  | Comparison with previous year | 171\% | 96\% | 123\% | 62\% | 111\% | 86\% | 104\% | 106\% | 96\% |

Refining Capacity of Japan Energy Group's Refineries

- Japan Energy Mizushima Refinery : 205,200 Barrels/Day
-Kashima Oil Kashima Refinery : 210,000 Barrels/Day
(4) Number of JOMO Service Stations

|  | Mar. 31, 2002 | Mar. 31, 2003 | Mar. 31, 2004 | Mar. 31, 2005 | Mar. 31, 2006 | Mar. 31, 2007 | Sep. 30, 2007 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Owned by Japan Energy | 1,284 | 1,229 | 1,207 | 1,172 | 1,154 | 1,143 | 1,130 |
| <Self-SS> | 105 | 227 | 264 | 297 | 347 | 384 | 401 |
| Owned by wholesalers and others | 3,192 | 3,067 | 2,943 | 2,851 | 2,679 | 2,565 | 2,518 |
| <Self-SS> | 59 | 95 | 121 | 143 | 187 | 222 | 236 |
| Total | 4,476 | 4,296 | 4,150 | 4,023 | 3,833 | 3,708 | 3,648 |
| 〈Self-SS> | 164 | 322 | 385 | 440 | 534 | 606 | 637 |

## Operating Results

| (Billions of Yen) |  | FY2007 |  |  | FY2006 |  |  | Difference |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1H <br> Actual | 2 H Forecast | Total | 1H <br> Actual | 2 H Actual | Total | 1H | 2 H | Total |
| Metals | Net sales | 565.2 | 524.8 | 1,090.0 | 503.6 | 520.5 | 1,024.1 | 61.6 | 4.3 | 65.9 |
|  | Operating income | 20.5 | 20.5 | 41.0 | 35.6 | 16.7 | 52.3 | (15.1) | 3.7 | (11.3) |
|  | Income before special items | 59.3 | 56.7 | 116.0 | 70.5 | 63.6 | 134.1 | (11.2) | (6.8) | (18.1) |
| Resources \& Metals | Net sales | 499.0 | 456.0 | 955.0 | 438.2 | 448.9 | 887.0 | 60.8 | 7.2 | 68.0 |
|  | Operating income | 17.7 | 10.6 | 28.3 | 24.9 | 20.2 | 45.1 | (7.2) | (9.6) | (16.8) |
|  | Income before special items | 57.3 | 48.2 | 105.5 | 60.1 | 67.6 | 127.8 | (2.9) | (19.4) | (22.3) |
| Electronic Materials | Net sales | 67.8 | 64.2 | 132.0 | 64.6 | 65.0 | 129.6 | 3.2 | (0.8) | 2.4 |
|  | Operating income | (0.3) | 5.5 | 5.2 | 5.7 | (6.4) | (0.7) | (6.0) | 11.9 | 5.9 |
|  | Income before special items | (1.2) | 4.3 | 3.1 | 5.1 | (7.3) | (2.2) | (6.3) | 11.6 | 5.3 |
| Metal <br> Manufacturing | Net sales | 36.2 | 39.8 | 76.0 | 35.1 | 35.3 | 70.4 | 1.1 | 4.5 | 5.6 |
|  | Operating income | 3.1 | 4.4 | 7.5 | 4.6 | 1.4 | 6.1 | (1.6) | 3.0 | 1.4 |
|  | Income before special items | 3.1 | 4.3 | 7.4 | 4.9 | 1.7 | 6.6 | (1.8) | 2.6 | 0.8 |
| Metals Group <br> Adjustments | Net sales | (37.7) | (35.3) | (73.0) | (34.3) | (28.6) | (62.9) | (3.5) | (6.6) | (10.1) |
|  | Operating income | 0.0 | (0.0) | - | 0.3 | 1.5 | 1.9 | (0.3) | (1.6) | (1.9) |
|  | Income before special items | 0.0 | (0.0) | - | 0.3 | 1.5 | 1.9 | (0.3) | (1.6) | (1.9) |

## <2-(1)>Resources \& Metals

(1) Operating Results

| (Billions of Yen) | FY2007 |  |  | FY2006 |  |  | Difference |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1H Actual | 2 H Forecast | Total | 1H Actual | 2H Actual | Total | 1H | 2 H | Total |
| Net sales | 499.0 | 456.0 | 955.0 | 438.2 | 448.9 | 887.0 | 60.8 | 7.2 | 68.0 |
| Operating income | 17.7 | 10.6 | 28.3 | 24.9 | 20.2 | 45.1 | (7.2) | (9.6) | (16.8) |
| Income before special items | 57.3 | 48.2 | 105.5 | 60.1 | 67.6 | 127.8 | (2.9) | (19.4) | (22.3) |

〈FY2007 1H vs.FY2006 1H〉
Factors in $¥ 2.9$ billion decrease in income before special items
-Resources \& Metals Company and consolidated subsidiaries, ( $¥ 6.3$ billion)

- Increase in profit from Recycling \& Environmental Services business
-TC/RC depreciation
- Increase in cost for Caserones project, etc.
- Equity in income of non-consolidated subsidiaries and affiriates, $¥ 3.4$ billion
- Copper price up etc. (Y2006 1H: 276 \$ /lb $\rightarrow$ Y2007 1H: 308 \$ /lb)
(2) Price and Sales Volume



## <2-(2)>Electronic Materials

(1) Operating Results

| (Billions of Yen) | FY2007 |  |  | FY2006 |  |  | Difference |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} 1 \mathrm{H} \\ \text { Actual } \end{gathered}$ | 2 H Forecast | Total | $\begin{gathered} \hline 1 \mathrm{H} \\ \text { Actual } \end{gathered}$ | 2H Actual | Total | 1H | 2 H | Total |
| Net sales | 67.8 | 64.2 | 132.0 | 64.6 | 65.0 | 129.6 | 3.2 | (0.8) | 2.4 |
| Operating income | (0.3) | 5.5 | 5.2 | 5.7 | (6.4) | (0.7) | (6.0) | 11.9 | 5.9 |
| Income before special items | (1.2) | 4.3 | 3.1 | 5.1 | (7.3) | (2.2) | (6.3) | 11.6 | 5.3 |

〈FY2007 1H vs. FY2006 1H〉
Factors in $¥ 6.3$ billion decrease in income before special items

- Operating income, ( $¥ 6.0$ billion)

| Electro-deposited copper foil | $¥ 0.5$ billion |
| :---: | :---: |
| Treated rolled copper foil | ( $¥ 0.1$ billion) |
| Sputtering targets | ( $¥ 0.5$ billion) |
| Expenses including R\&D expenditures | ( $¥ 0.1$ billion) |
| Inventory valuation | ( $¥ 5.7$ billion) |
| ther income (expenses), ( $¥ 0.3$ billion) |  |
| Exchange gain and loss | ( $¥ 0.2$ billion) |
| Interest expenses | ( $¥ 0.3$ billion) |
| Other | $¥ 0.2$ billion |

(2) Breakdown by Products

| (Billions of Yen) |  | FY2007 |  |  | FY2006 |  |  | Difference |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1H Actual | 2 H Forecast | Total | $\begin{gathered} 1 \mathrm{H} \\ \text { Actual } \end{gathered}$ | 2 H Actual | Total | 1H | 2H | Total |
| Electro-deposited and | Net sales | 28.3 | 22.2 | 50.6 | 24.6 | 24.4 | 49.0 | 3.8 | (2.2) | 1.6 |
| Treaded rolled copper foil | Operating income | 2.7 | 2.0 | 4.7 | 2.3 | 2.6 | 5.0 | 0.4 | (0.6) | (0.2) |
| Sputtering targets | Net sales | 34.3 | 36.8 | 71.1 | 32.1 | 32.7 | 64.8 | 2.2 | 4.1 | 6.3 |
|  | Operating income | 3.0 | 4.7 | 7.7 | 3.5 | 1.3 | 4.8 | (0.5) | 3.4 | 2.9 |
| Compound semiconductor | Net sales | 5.2 | 5.2 | 10.4 | 7.9 | 7.8 | 15.8 | (2.8) | (2.6) | (5.4) |
| materials and Others | Operating income | (0.5) | (1.2) | (1.8) | (0.4) | (0.2) | (0.6) | (0.1) | (1.0) | (1.1) |
| Inventory valuation | Operating income | (5.5) | - | (5.5) | 0.2 | (10.1) | (9.9) | (5.7) | 10.1 | 4.4 |
| Total | Net sales | 67.8 | 64.2 | 132.0 | 64.6 | 65.0 | 129.6 | 3.2 | (0.8) | 2.4 |
|  | Operating income | (0.3) | 5.5 | 5.2 | 5.7 | (6.4) | (0.7) | (6.0) | 11.9 | 5.9 |

## <2-(3)>Metal Manufacturing

(1) Operating Results

| (Billions of Yen) | FY2007 |  |  | FY2006 |  |  | Difference |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1H Actual | $\begin{gathered} 2 \mathrm{H} \\ \text { Forecast } \end{gathered}$ | Total | 1H Actual | 2 H Actual | Total | 1H | 2 H | Total |
| Net sales | 36.2 | 39.8 | 76.0 | 35.1 | 35.3 | 70.4 | 1.1 | 4.5 | 5.6 |
| Operating income | 3.1 | 4.4 | 7.5 | 4.6 | 1.4 | 6.1 | (1.6) | 3.0 | 1.4 |
| Income before special items | 3.1 | 4.3 | 7.4 | 4.9 | 1.7 | 6.6 | (1.8) | 2.6 | 0.8 |

〈FY2007 1H vs. FY2006 1H〉
Factors in $¥ 1.8$ billion decrease in the income before special items

- Sales increase, $¥ 0.3$ billion (Copper foil, Titanium copper, etc.)
- Sales decrease, ( $¥ 1$.Obillion) (Phosphor bronze, Invar, Production on consignment, etc.)
- Other, ( $¥ 1.1$ billion) (Metals prices down, ( $¥ 0.6$ billion), Other income and expenses), ( $¥ 0.2$ billion), etc.)


## (2) Sales by Products

| (Billions of Yen) |  | FY2007 |  |  | FY2006 |  |  | Difference |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1H Actual | 2 H Forecast | Total | 1H Actual | 2 H Actual | Total | 1H | 2 H | Total |
| Wrought Copper | Phosphor bronze | 12.9 | 12.8 | 25.7 | 12.3 | 11.7 | 24.0 | 0.6 | 1.1 | 1.7 |
|  | Corson alloy | 4.6 | 4.5 | 9.1 | 3.9 | 4.2 | 8.1 | 0.7 | 0.3 | 1.0 |
|  | Copper foil | 4.7 | 4.2 | 8.9 | 4.2 | 3.5 | 7.7 | 0.5 | 0.7 | 1.2 |
|  | Others | 6.5 | 7.3 | 13.8 | 6.4 | 5.6 | 12.0 | 0.1 | 1.7 | 1.8 |
| Special Steel |  | 1.7 | 1.3 | 3.0 | 3.7 | 2.6 | 6.3 | (2.0) | (1.3) | (3.3) |
| Precision Fabrication |  | 6.5 | 7.4 | 13.9 | 6.3 | 5.5 | 11.8 | 0.2 | 1.9 | 2.1 |
| Eliminations |  | (0.7) | 2.3 | 1.6 | (1.7) | 2.2 | 0.5 | 1.0 | 0.1 | 1.1 |
| Total |  | 36.2 | 39.8 | 76.0 | 35.1 | 35.3 | 70.4 | 1.1 | 4.5 | 5.6 |

## III Consolidated Balance Sheets, Cash Flows, etc.

## 1. Consolidated Balance Sheets

|  | $\begin{gathered} \text { Sep. 30, } \\ \text { 2007(A) } \\ \text { Actual } \end{gathered}$ | Mar. 31, 2007(B) Actual | (A)-(B) <br> Difference | Mar. 31, 2008(C) <br> Forecast | (C)-(B) <br> Difference |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Total assets | 2,182.8 | 2,056.4 | 126.4 | 2,248.0 | 191.6 |
| Current assets Fixed assets | $\begin{aligned} & 1,105.1 \\ & 1,077.8 \end{aligned}$ | $\begin{array}{r} 996.8 \\ 1,059.6 \end{array}$ | $\begin{array}{r} 108.3 \\ 18.1 \end{array}$ |  |  |
| Total Liabilities | 1,429.7 | 1,355.3 | 74.4 | 1,466.0 | 110.7 |
| Current liabilities Long-term liabilities | $\begin{array}{r} \hline 1,049.8 \\ 379.9 \\ \hline \end{array}$ | $\begin{aligned} & \hline 973.5 \\ & 381.8 \end{aligned}$ | $\begin{aligned} & \hline 76.3 \\ & (1.9) \\ & \hline \end{aligned}$ |  |  |
| Net assets | 753.1 | 701.1 | 52.0 | 782.0 | 80.9 |
| Shareholders' equity and valuation and translation adjustment <br> Minority interests, etc. | $\begin{array}{r} 668.8 \\ 84.3 \\ \hline \end{array}$ | $\begin{array}{r} 622.5 \\ 78.6 \\ \hline \end{array}$ | $\begin{array}{r}46.3 \\ 5.7 \\ \hline\end{array}$ | 698.0 84.0 | 75.5 5.4 |
| Shareholders' equity ratio | 30.6\% | 30.3\% | 0.3\% | 31.0\% | 0.7\% |
| BPS ( $¥ /$ share) | 722 | 672 | 50 | 753 | 82 |
| Interest-bearing debt | 717.6 | 689.4 | 28.1 | 842.0 | 152.6 |
| Debt to equity ratio | 1.07 | 1.11 | (0.04) | 1.21 | 0.10 |

(*1) In caluculation of Shareholders' equity ratio and BPS, "Shareholders' equity and valuation and translation adjustment" is used as shareholders' equity
$(* 2)$ BPS of the forecast for the end of March, 2008 is calculated on the basis of the number of shares outstanding at the end of September, 2007 ( 926,813 thousand shares on a consolidated basis).
(1) Factors in Change from March 31, 2007 to September 30, 2007

| Assets 126.4 | Cash and cash equivalents 15.2, Notes and accounts receivable, trade and Inventories 91.6, Capital expenditures 34.0 <br> Depreciation and amortization (29.8),Acquisition of investments in securities and lending of loans 4.7, Difference in equity in <br> income of affiliates and dividend received from such companies 19.0, Unrealized gain on marketable securities (2.7), Other <br> (5.6) |
| :--- | :--- | :--- |
| Liabilities 74.4 | Interest-bearing debt 28.1 (Changes in amounts differ from the reduction in interesting-bearing debt shown in the summary <br> of cash flows due to the effect of translation adjustment, etc.), Notes and accounts payable, trade 70.2, Accrued income <br> taxes, etc.(8.3), Account payable-facilities (13.3), Other (2.3) |
| Net Assets 52.0 | Net income 51.0, Cash dividends paid (7.4), Unrealized gain on marketable securities (1.7), Accumulated translation <br> adjustment 5.6, Minority interests, etc. 4.5 |

(2) Factors in Change from March 31, 2007 to March 31, 2008 (Forecast)
(Billions of Yen)

| Assets | 191.6 | Cash and cash equivalents 24.8, Notes and accounts receivable, trade and Inventories 53.0, Capital expenditures 115.0, <br> Depreciation and amortization (63.0), Acquisition of investments in securities and lending of loans 55.0, Difference in equity <br> in income of affiliates and dividend received from such companies 32.5, Other (25.7) |
| :--- | :--- | :--- |
| Liabilities 110.7 | Interest-bearing debt 152.6 (Changes in amounts differ from the reduction in interesting-bearing debt shown in the <br> summary of cash flows due to the effect of translation adjustment, etc.), Notes and accounts payable, trade (13.0), Other <br> (28.9) |  |
| Net Assets 80.9 | Net income 98.0, Cash dividend paid (14.8), Minority interests, etc. (2.3) |  |

## 2. Consolidated Cash Flows

|  | FY2007 1H Actual | FY2006 1H Actual |
| :---: | :---: | :---: |
| Cash flows from operating activities | 48.3 | (42.8) |
| Cash flows from investing activities | (45.1) | (53.3) |
| Cash flows from financing activities | 11.4 | 92.7 |
| Exchange rate changes(*1) | 0.5 | (0.3) |
| Cash(*2) | 15.1 | (3.7) |
| (Ref.) Free cash flow | (12.5) | (120.4) |


| (Billions of Yen) |
| :--- |
| FY2007 FY2006 <br> Forecast  |
| 75.0 |
| Actual |$|$| 41.2 |  |
| ---: | ---: |
| $(173.0)$ | $(97.6)$ |
| 123.0 | 37.4 |
| - | $(0.1)$ |
| 25.0 | $(19.1)$ |
| $(129.0)$ | $(94.4)$ |

(*1) Exchange rate changes : Effect of exchange rate changes on cash and cash equivalents
(*2) Cash : Net increase or decrease in cash and cash equivalents
(1) Factors in change from March 31, 2007 to September 30, 2007

| Operating <br> activities | Income before special items 95.7, Depreciation and amortization (including goodwill and negative goodwill) 29.8, Trade <br> receivables, inventories and trade payables (21.1), Equity in income of non-consolidated subsidiaries and affiliates (44.4), <br> Dividend received from affiliates accounted for by equity method 25.4, Payments for income taxes (35.9), Other (1.2) |
| :--- | :--- |
| Investing (45.1) <br> activities | Acquisition of property, plant and equipment and intangible assets (34.0), Acquisition of investments in securities and lending <br> of loans (4.7), Sales or maturities of investments in securities and collection of loans, etc. 6.3, Accounts payable-facilities <br> (13.3), Other 0.6 |
| Financing <br> activities | 11.4 |

(2)Factors in Change from March 31, 2007 to March 31, 2008 (Forecast)

| Operating <br> activities | 75.0 | Income before special items 190.0, Depreciation and amortization 63.0, Trade receivables, inventories and trade payables <br> (66.0), Equity in income of non-consolidated subsidiaries and affiliates (87.5), Dividend received from affiliates accounted <br> for by equity method 55.0, Payments for income taxes, etc. (79.5) |
| :--- | :--- | :--- |
| Investing (173.0) <br> activities | Acquisition of property, plant and equipment and intangible assets (115.0), Acquisition of investments in securities and <br> lending of loans (55.0), Sales or maturities of investments in securities and collection of loans, etc.(includes increase <br> (decrease) in accounts payable-facilities (3.0) |  |
| Financing <br> activities | 123.0 | Interest-bearing debt 153.0, Cash dividends paid (14.8), Cash dividends paid to minority shareholders, etc. (15.2) |

## 3. Capital Expenditure and Depreciation and Amortization (consolidated)

|  | FY2007 1 H <br> Actual |  |
| :--- | ---: | ---: |
| Capital expenditure | FY2006 1 H <br> Actual |  |
| Depreciation(includes amortization of goodwill) | 24.0 | 35.0 |
| Difference | 29.8 | 24.3 |


| Investments and long-term loans | 4.7 | 38.5 |
| :--- | :--- | :--- |


| (Billions of Yen) |  |
| ---: | ---: |
| FY2007 <br> Forecast | FY2006 <br> Actual |
| 115.0 | 98.1 |
| 63.0 | 51.6 |
| 52.0 | 46.5 |


*Others include eliminations or corporate
2) Depreciation and Amortization by Segment

|  | FY2007 1H <br>  <br> Actual | FY2006 1H <br> Actual |
| :--- | ---: | ---: |
| Petroleum | 16.6 | 14.2 |
| Metals | 12.9 | 9.8 |
| Resources \& Metals | 8.8 | 6.1 |
| Electronic Materials | 2.7 | 2.2 |
| Metal Manufacturing | 1.5 | 1.5 |
| Others* | 0.3 | 0.3 |
| Total | 29.8 | 24.3 |


| FY2007 <br> Forecast | FY2006 <br> Actual |
| ---: | ---: |
| 35.5 | 29.1 |
| 26.5 | 22.0 |
| 17.5 | 14.2 |
| 6.0 | 4.7 |
| 3.0 | 3.1 |
| 1.0 | 0.5 |
| 63.0 | 51.6 |

*Others include eliminations or corporate.

## 4. Interest-bearing Debt

|  | (Billions of Yen) |  |  |
| :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \hline \text { Sep. 30, } \\ 2007 \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { Mar.31, } \\ 2007 \end{gathered}$ | Difference |
| Petroleum | 466.7 | 442.5 | 24.2 |
| Metals | 315.5 | 303.9 | 11.6 |
| Others* | (64.6) | (57.0) | (7.7) |
| Total | 717.6 | 689.4 | 28.1 |

*Others include eliminations or corporate.

## 5. Dividend

|  | FY2006 (Actual) |  |  |  | FY2007 (Forecast) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Interim | Final | Annual | Payment Amount | Interim | Final | Annual | Payment Amount* |
| Dividend | $\begin{aligned} & \quad ¥ / \text { share } \\ & 8.00 \\ & \hline \end{aligned}$ | $\begin{aligned} & \quad \begin{array}{l} \text { /share } \\ 8.00 \end{array} \end{aligned}$ | $\begin{gathered} \nexists / \text { share } \\ 16.00 \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { millions of yen } \\ 14,842 \\ \hline \end{array}$ | $\begin{aligned} & \quad \begin{array}{l} \text { share } \\ 8.00 \end{array} \end{aligned}$ | $\begin{aligned} & \quad \forall / \text { share } \\ & 8.00 \end{aligned}$ | $\begin{gathered} \nexists / \text { share } \\ 16.00 \end{gathered}$ | $\begin{array}{r} \text { millions of yen } \\ 14,840 \\ \hline \end{array}$ |

*Payment amount of FY2007 is calculated on the basis of the number of shares outstanding at the end of September, 2007 ( 927,483 thousand shares)

## 6. Number of Emplovees

|  | (Persons) |  |  |
| :--- | ---: | ---: | ---: |
|  | Mar. 31, | Mar. 31, | Sep. 30, |
|  | 2006 | 2007 | 2007 |
|  | Actual | Actual | Actual |
| Petroleum | 3,920 | 3,999 | 4,171 |
| Metals | 4,348 | 4,704 | 4,768 |
| Resources \& Metals | 1,553 | 1,843 | 1,931 |
| Electronic Materials | 1,373 | 1,426 | 1,375 |
| Metal Manufacturing | 1,422 | 1,435 | 1,462 |
| Others | 1,31 | 1,266 | 1,287 |
| Total | 9,579 | 9,969 | 10,226 |

