# JFE Holdings' Financial Results in First Half of Fiscal Year 2016 Ending March 31, 2017

— All financial information has been prepared in accordance with generally accepted accounting principles in Japan — (Note: The following is an English translation of an original Japanese document)

October 28, 2016

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Phone: Scheduled date to submit Quarterly Securities Report: Dividend payment starting date: Preparation of supplementary materials for quarterly results: Quarterly results briefing: JFE Holdings, Inc. Tokyo and Nagoya stock exchanges 5411 www.jfe-holdings.co.jp/en Eiji Hayashida, President and CEO Moriyoshi Hara, Manager, Public Relations Section Investor Relations and Corporate Communications Department +81-3-3597-3842 November 2, 2016 -Yes

Yes

(Figures are rounded down to the nearest million yen.)

## 1. Consolidated Results in First Half of Fiscal 2016 (April 1 to September 30, 2016)

### (1) Consolidated Operating Results (cumulative total)

	Net sales (million yen)	Year-on- year change (%)	Operating income (million yen)	Year-on- year change (%)	Ordinary Income (loss) (million yen)	Year-on- year change (%)	Profit (loss) attributable to owners of parent (million yen)	Year-on- year change (%)	Net income (loss) per share <sub>(yen)</sub>	Net income per share [fully diluted] (yen)
1H FY 2016	1,499,588	(12.5)	4,050	(91.8)	(10,125)	-	(8,417)	-	(14.60)	-
1H FY 2015	1,713,224	(7.3)	49,461	(39.8)	48,389	(47.4)	29,928	(42.8)	51.89	-

Note: Comprehensive income:

(65,081 million yen) in 1H FY 2016 (-) (23,054 million yen) in 1H FY 2015 (-)

#### (2) Consolidated Financial Position

	Total assets (million yen)	Net assets (million yen)	Equity capital ratio (%)	Net assets per share (yen)	
End 1H FY 2016	4,133,988	1,784,726	41.9	3,003.86	
End FY 2015	4,234,884	1,857,921	42.6	3,128.36	

Note: Shareholders' equity: 1,732,349 million yen as of September 30, 2016 1,804,196 million yen as of March 31, 2016

### 2. Dividends

	Dividend per share (yen)					
	Interim Year-er					
FY 2015	30.00	20.00	10.00			
FY 2016 (estimate)	-	0.00	-			

Note: Revisions to dividend forecast announced most recently: No

### 3. Forecasts of Consolidated Financial Results in Fiscal 2016 (April 1, 2016 to March 31, 2017)

	Net sales (million yen)	Year-on- year change (%)	Operating income (million yen)	Year-on- year change (%)	Ordinary income (million yen)	Year-on- year change (%)	Profit attributable to owners of parent (million yen)	Year-on- year change (%)	Net income per share (yen)
1H FY 2016	3,290,000	(4.1)	50,000	(44.8)	30,000	(53.3)	15,000	(55.4)	26.01

Note: Revisions to consolidated financial results forecasts announced most recently: Yes

### Notes

- 1. Significant changes in subsidiaries during the term (changes in designated subsidiaries resulting in changes in consolidated structure): No
- 2. Application of special accounting methods in the preparation of quarterly consolidated financial statements: No
- 3. Changes in accounting policies, accounting estimates and restatements
  - 1) Changes in the accounting policies resulting from amendments to accounting standards: Yes
  - 2) Changes other than 1) above: No
  - 3) Changes in accounting estimates: No
  - 4) Restatements: No

Note: For more details, see "Notes to Summary Information/Changes in Accounting Policies, Accounting Estimates and Restatements" on page 4 of the attached document.

- 4. Number of outstanding shares (common stock)
  - 1) Outstanding shares at the end of term (including treasury stock)
    - As of September 30, 2016: 614,438,399 shares
    - As of March 31, 2016: 614,438,399 shares
  - Treasury stock at the end of term
     As of September 30, 2016: 37,730,032 shares
     As of March 31, 2016: 37,714,629 shares
  - 3) Average number of shares during the term (quarterly consolidated cumulative period)
     1H FY 2016: 576,716,832 shares
    - 1H FY 2015: 576,729,658 shares

### **Status of Quarterly Review**

At the point of disclosing these quarterly financial results, the review of consolidated balance sheets in accordance with the Financial Instruments and Exchange Act was still underway.

#### Explanation of Appropriate Use of Results Forecasts, and Other Matters of Note

- Forecasts are based on information available on the date of publication of this document as well as rational assumptions that we have made regarding certain factors. Actual results may vary significantly from these forecasts due to a wide range of circumstances. For a description of the results forecasts, see "(2) Consolidated results forecasts" on page 2 of the attached document.
- 2. Notes to the financial results can be viewed at the JFE Holdings website.

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# 1. Qualitative Information

# (1) Consolidated Business Results

The Japanese economy in the first half of fiscal 2016 (ended September 30, 2016), despite robust corporate earnings and improved employment, remained flat due to weak demand both in Japan and overseas. Domestic consumer spending remained sluggish and export growth slowed. The overseas economic outlook remained highly uncertain given the downward risks in emerging economies and the United Kingdom's decision to leave the European Union.

On a first-half consolidated basis, JFE's net sales of 1,499.5 billion yen were down 213.7 billion yen from the year earlier. Operating income declined 45.4 billion yen to 4.0 billion yen. Ordinary loss was 10.1 billion yen, compared with ordinary income of 48.3 billion yen in the first half of the previous year. Loss before income taxes and non-controlling interests was 6.5 billion yen compared to profit of 48.3 billion yen a year earlier. Loss attributable to owners of parent was 8.4 billion yen compared to profit of 29.9-billion-yen a year earlier.

By segment, steel business in Japan saw some progress in inventory adjustment, but any recovery of demand remained weak. Selling prices overseas began to bottom out after dropping significantly since the summer of 2015, so some areas saw prices recover to some extent. Asia's enormous oversupply still had a negative impact that prevented overall steel prices from reaching a full-blown recovery. JFE Steel's net sales decreased 173.6 billion yen to 1,072.4 billion yen. Despite continuous efforts to improve profitability, JFE Steel posted an ordinary loss of 24.4 billion yen, a reversal from last year's profit of 38.6 billion yen, due to harsh sales conditions and the yen's sharp appreciation.

Engineering business net sales rose 21.8 billion yen to 175.3 billion yen as JFE Engineering steadily implemented existing projects, mainly in environmental/energy and infrastructure businesses. Ordinary income was 7.6 billion yen, much improved from a 28-million-yen loss in the year earlier, thanks to increased sales and efforts to secure profit, including cost reductions.

Trading business net sales decreased 138.7 billion yen to 775.8 billion yen due to a drop in selling prices in Japan and overseas. Ordinary income decreased 2.2 billion yen to 7.6 billion yen.

# (2) Consolidated Results Forecasts

The following are full-year forecasts for each business segment.

In the steel business, demand in Japan remains at a standstill but is forecast to begin recovering slowly in the automobile and construction sectors in the second half of the year. The outlook for overseas markets remains unclear. Some energy sectors may show signs of recovery, but demand will generally be sluggish, so an overall recovery is not expected. A hike in coking coal prices is forecast to push up steelmaking costs significantly. JFE Steel, despite efforts to raise its selling prices, now forecasts its ordinary loss for fiscal 2016 to be 15.0 billion yen, a reversal from the previously forecast 20.0-billion-yen profit. The company will strive to cut costs once certain new facilities begin operating soon. The profit base will be strengthened by steadily implementing measures set out in the fifth medium-term business plan, namely, strengthening the manufacturing base, improving the product mix and promoting business overseas.

In engineering business, JFE Engineering will aim to achieve further growth by aggressively pursuing orders in environmental and energy business, including renewable energy related businesses and waste-processing plant construction, and infrastructure business, including bridge and port-facility constructions. With backlogged orders valued at a record level, the company forecasts record ordinary income of 27.0 billion yen.

In trading business, despite falling steel prices and foreign exchange fluctuations, ordinary income of 20.0 billion yen is forecast, up from the year earlier, thanks to improving profitability among overseas group companies.

On a consolidated basis, JFE Holdings forecasts full-year net sales of 3,290.0 billion yen, operating income of 50.0 billion yen, ordinary income of 30.0 billion yen and profit attributable to owners of parent of 15.0 billion yen. Ordinary income is expected to fall short of the previous forecast.

The company has decided to forgo an interim dividend in response to current income and profit. A decision about the year-end dividend will be reached once actual performance becomes clearer.

# 2. Notes to Summary Information Changes in Accounting Policies, Accounting Estimates and Restatements

Practical Solution on a Change in Depreciation Method Due to Tax Reform 2016

Effective the first quarter of fiscal 2016, JFE Holdings began applying the Practical Solution on a Change in Depreciation Method Due to Tax Reform 2016 (Accounting Standards Board of Japan's [ASBJ] Practical Issues Task Force [PITF] No. 32 of June 17, 2016) as a result of revisions to the Corporate Tax Act. The solution was adopted to change depreciation from the declining balance method to the straight-line method for both facilities attached to buildings and other non-building structures, that have been acquired since April 1, 2016.

As a result, operating income for the first half of fiscal 2016 increased by 118 million yen. Ordinary loss and loss before income taxes for the first half of fiscal 2016 decreased by 118 million yen each.

# 3. Consolidated Financial Statements

# (1) Consolidated Balance Sheets

		(million yen)
	As of	As of
	March 31, 2016 Sept	ember 30, 2016
Asset		
Current assets:		
Cash and deposits	64,654	142,550
Notes and accounts receivable – trade	720,639	626,401
Merchandise and finished goods	311,234	297,786
Work in progress	43,657	68,364
Raw materials and supplies	402,406	376,811
Other current assets	166,672	162,934
Allowance for doubtful accounts	(1,434)	(1,234)
Total current assets	1,707,829	1,673,614
Non-current assets:		
Property, plant and equipment:		
Machinery and equipment and vehicles, net	606,546	623,417
Land	497,285	496,638
Other, net	523,354	495,567
Total property, plant and equipment	1,627,186	1,615,624
Intangible assets	81,403	78,491
Investments and other assets:		
Investments securities	749,177	692,833
Other assets	73,809	77,087
Allowance for doubtful accounts	(4,521)	(3,662)
Total investments and other assets	818,465	766,258
Total non-current assets	2,527,054	2,460,374
Total assets	4,234,884	4,133,988

		(million yen)
	As of	As of
	March 31, 2016	September 30, 2016
Liabilities		
Liabilities		
Current liabilities:		
Notes and accounts payable – trade	422,331	386,257
Short-term loans payable	353,382	228,565
Commercial papers	36,000	-
Current portion of bonds	20,000	50,000
Provision	11,185	9,949
Other current liabilities	315,286	296,235
Total current liabilities	1,158,185	971,007
Non-current liabilities:		
Corporate bonds	125,000	75,000
Long-term borrowings	844,990	1,066,750
Provision	51,354	50,418
Net defined-benefit liabilities	125,283	122,750
Other	72,148	63,335
Total non-current liabilities	1,218,776	1,378,254
Total liabilities	2,376,962	2,349,262
Net assets		
Shareholders' equity:		
Capital stock	147,143	147,143
Capital surplus	646,380	646,549
Retained earnings	1,065,037	1,050,278
Treasury shares	(178,654)	(178,672 <u>)</u>
Total shareholders' equity	1,679,906	1,665,298
Accumulated other comprehensive income:		
Valuation difference on available-for-sale securities	101,709	91,003
Deferred gains (losses) on hedges	(3,119)	(2,492)
Revaluation reserve for land	16,328	16,324
Foreign currency translation adjustment	14,503	(33,779)
Remeasurements of defined benefit plans	(5,130)	(4,004)
Total accumulated other comprehensive income	124,290	67,051
Non-controlling interests	53,724	52,376
Total net assets	1,857,921	1,784,726
Total liabilities and net asset	4,234,884	4,133,988
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# (2) Consolidated Statements of Income and Consolidated Statements of Comprehensive Income

<b>Consolidated Statements</b>	of Income (First Half)
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		(million yen)
	First Half of	First Half of
	Fiscal 2015	Fiscal 2016
Net sales	1,713,224	1,499,588
Cost of sales	1,504,485	1,339,423
Gross profit	208,739	160,164
Selling, general and administrative expenses	159,278	156,113
Operating income	49,461	4,050
Non-operating income:		
Interest income	559	551
Dividend income	6,306	5,798
Other	13,650	12,786
Total non-operating income	20,516	19,136
Non-operating expenses:		
Interest expense	6,478	6,022
Foreign exchange losses	-	9,834
Loss on disposal of fixed assets	6,506	9,028
Other	8,602	8,427
Total non-operating expenses	21,587	33,312
Ordinary income (loss)	48,389	(10,125)
Extraordinary income:		
Gain on sales of investment securities	-	3,537
Total extraordinary income	-	3,537
Profit (loss) before income taxes and non-controlling interests	48,389	(6,587)
Income taxes	16,895	(203)
Profit (loss)	31,494	(6,384)
Profit (loss) attributable to non-controlling interests	1,566	2,033
Profit (loss) attributable to owners of parent	29,928	(8,417)

# Consolidated Statements of Comprehensive Income (First Half)

		(million yen)
	First Half of Fiscal 2015	First Half of Fiscal 2016
Profit (loss)	31,494	(6,384)
Other comprehensive income:		
Net unrealized gains on securities	(50,638)	(10,935)
Deferred gains or losses on hedges	(1,428)	1,303
Foreign currency translation adjustment	(1,452)	(19,665)
Remeasurements of defined benefit plans, net of tax Share of other comprehensive income of entities accounted for	45	984
using equity method	(1,076)	(30,384)
Total other comprehensive income	(54,549)	(58,697)
Comprehensive income:	(23,054)	(65,081)
(breakdown)		
Comprehensive income (loss) attributable to owners of parent	(24,748)	(65,652)
Comprehensive income attributable to non-controlling interests	1,693	570

# (3) Notes Pertaining to the Presumption of a Going Concern

There is no item for this period.

# (4) Notes on Significant Changes in Stockholders' Equity

There is no item for this period.

# 4. Reference

(1)	<b>Consolidated Results in</b>	First Half and Earning	gs Forecasts for Fiscal 2016
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	FY2015		FY2016		Change		(Reference) Full-year forecasts announced on July 29, 2016
	1H	Full year	1H	Full year*	1H	Full year*	
Steel Business	1,246.0	2,445.1	1,072.4	2,270.0	(173.6)	(175.1)	$\backslash$
Engineering Business	153.5	397.5	175.3	450.0	21.8	52.5	$\mathbf{n}$
Trading Business	914.5	1,756.4	775.8	1,670.0	(138.7)	(86.4)	$\backslash$
Adjustments	(601.0)	(1,167.4)	(524.0)	(1,100.0)	77.0	67.4	$\backslash$
Net Sales	1,713.2	3,431.7	1,499.5	3,290.0	(213.7)	(141.7)	$\backslash$
Operating Income	49.4	90.6	4.0	50.0	(45.4)	(40.6)	
Non-operating Income (Expenses)	(1.0)	(26.3)	(14.1)	(20.0)	(13.1)	6.3	
Steel Business	38.6	27.8	(24.4)	(15.0)	(63.0)	(42.8)	20.0
Engineering Business	(0)	20.0	7.6	27.0	7.6	7.0	25.0
Trading Business	9.8	15.7	7.6	20.0	(2.2)	4.3	20.0
Adjustments	(0)	0.6	(1.0)	(2.0)	(1.0)	(2.6)	0
Ordinary Income (Loss)	48.3	64.2	(10.1)	30.0	(58.4)	(34.2)	65.0
Extraordinary Profit (Loss)	-	10.0	3.5	3.5	3.5	(6.5)	
Profit (loss) before income taxes	48.3	74.3	(6.5)	33.5	(54.8)	(40.8)	
Tax Expense and Profit (Loss) Attributable to Non-controlling Interests	(18.4)	(40.6)	(1.8)	(18.5)	(16.6)	22.1	
Profit (Loss) Attributable to Owners of Parent	29.9	33.6	(8.4)	15.0	(38.3)	(18.6)	

\*estimate

# (2) Consolidated Financial Indices

	Fiscal 2015	Fiscal 2016 (estimate)	Change
Return on Sales (ROS) <sup>1</sup>	1.9%	0.9%	(1.0 percentage point)
Return on Assets (ROA) <sup>2</sup>	1.7%	1.0%	(0.7 percentage point)
Return on Equity (ROE) <sup>3</sup>	1.8%	0.8%	(1.0 percentage point)
Debt Outstanding	1,379.3 billion yen	1,380.0 billion yen	(700 million yen)
Shareholders' Equity	1,804.1 billion yen	1,750.0 billion yen	(54.1 billion yen)
D/E Ratio <sup>4</sup>	56.9%	54.6%	(2.3 percentage points)

<sup>1</sup> ROS = Ordinary income / net sales
 <sup>2</sup> ROA = Ordinary income before interest expenses / Total assets (average)

<sup>3</sup> ROE = Profit attributable to owners of parent / Shareholders' equity

<sup>4</sup> D/E ratio = Debt outstanding / Shareholders' equity. For debt having a capital component\*, a portion of its issue price is deemed to be capital, as assessed by rating agencies.

\*Debt having a capital component (subordinated borrowings)

Borrowing Execution Date	Amount Borrowed	Assessment of Equity Content	Amount Deemed to be Capital
March 18, 2013	300.0 billion yen	75%	225.0 billion yen
June 30, 2016	200.0 billion yen	25%	50.0 billion yen

# 6.26

1Q

5.98

(4) Shipments (JFE Steel on non-consolidated basis)

(5) Export Ratio on Value Basis (JFE Steel on non-consolidated basis)							(%)
	1Q	2Q	1H	3Q	4Q	2H	Full year
FY 2015	46.2	48.6	47.4	44.8	43.3	44.0	45.8
FY 2016	43.6	44.1	43.9				$\sim$

### (6) Foreign Exchange Rate (Yen/US dollar)

	1Q	2Q	1H	3Q	4Q	2H	Full year
FY 2015	121.0	122.6	121.8	121.2	117.7	119.5	120.6
FY 2016	111.1	103.5	107.3	/		/	

### (7) Average Selling Price (JFE Steel on non-consolidated basis)

(7) Average Selling Price (JFE Steel on non-consolidated basis)						(thousa	nd yen/ton)
	1Q	2Q	1H	3Q	4Q	2H	Full year
FY 2015	73.5	68.8	71.0	65.1	60.6	62.8	66.8
FY 2016	58.5	58.6	58.6				

### (8) Engineering Business Orders (including inter-segment transactions)

	(billion yen)		
FY 2016	500.0*	(FY 2015	509.4)

### (9) Debt Outstanding, Interest Expense, and Cash and Deposits

(JFE Holdings, consolidated basis)

Debt outstanding		<u>Interest expense</u>	
As of	(billion yen)		(billion yen)
March 31, 2016	1,379.3	FY 2015	-12.2
March 31, 2017	1,380.0*	FY 2016	-13.0*
Cash and deposits			
As of	(billion yen)		
March 31, 2016	64.6		
March 31, 2017	50.0*		

### (3) Crude Steel Production (JEE Steel)

FY 2015

FY 2016

(3) Crude St	eel Production (JF	E Steel)					(r	million tons)
		1Q	2Q	1H	3Q	4Q	2H	Full year
FY 2015	Non-consolidated Consolidated	6.54 7.19	6.91 7.50	13.45 14.69	6.98 7.57	6.93 7.48	13.91 15.06	27.36 29.75
FY 2016	Non-consolidated Consolidated	6.94 7.52	7.06 7.62	14.00 15.14				

1H

12.37

12.60

3Q

6.45

4Q

6.56

2Q

6.39

6.34

\*estimate

\*estimate

(JPY/USD)

(million tons)

Full year

25.39

2H

13.02

# (10) Capital Investment and Depreciation Cost (JFE Holdings, consolidated basis)

		(billion yen)		
	FY 2015	FY 2016		
Capital investment	212.5	220.0*	(on construction basis)	
Depreciation	177.9	190.0*	]	*estimate

# (11) Breakdown of Changes in Ordinary Income for Steel Business

a. First half of FY 2016, compared to same period of FY 2015

			(billion yen)
	<u>Change</u>	1Q of FY 2015	1Q of FY 2016
Ordinary income	(63.0)	38.6→	(24.4)
<ul> <li>Sales volume, sales prices and raw materials prices</li> </ul>	(47.0)		
- Cost reductions	13.0		
<ul> <li>Unrealized gains on inventories and others</li> </ul>	(12.0)		
- Others	(17.0)		

### b. FY 2016 forecast, compared to FY 2015

			<u>(billion yen)</u>
	<u>Change</u>	<u>FY 2015</u>	<u>FY 2016</u>
Ordinary income	(42.8)	27.8→	(15.0)*
<ul> <li>Sales volume, sales prices and raw materials prices</li> </ul>	(90.0)		
- Cost reductions	30.0		
<ul> <li>Unrealized gains on inventories and others</li> </ul>	45.0		
- Others	(27.8)		

c. FY 2016 revised forecasts, compared to initial forecasts on July 30, 2016

		00, 2010	<u>(billion yen)</u>
	<u>Change</u>	<u>FY 2015</u>	<u>FY 2016</u>
Ordinary income	(35.0)	20.0 <b>-&gt;</b>	(15.0)*
<ul> <li>Sales volume, sales prices and raw materials prices</li> </ul>	(45.0)		
<ul> <li>Unrealized gains on inventories and others</li> </ul>	22.0		
- Others	(12.0)		
		* ^	

###

\*Approximate estimate

\*Approximate estimate