

JFE Group

Financial Results in First Quarter of Fiscal Year 2015 ending March 31, 2016

JFE Holdings, Inc. July, 2015



A table of contents

- JFE Holdings' Financial Results in First Quarter of Fiscal 2015 (April 1 to June 30, 2015) and Financial Forecasts for Fiscal 2015 (April 1, 2015 to March 31, 2016)
 - JFE Steel
 - JFE Engineering
 - JFE Shoji
- Dividends

This presentation material is for information and discussion purpose only.

Any statements in the presentation which are not historical facts are future projections based on certain assumptions and currently available information. Please note that actual performance may vary significantly due to various factors



Consolidated Results in First Quarter of Fiscal 2015 (April 1 to June 30, 2015)





Financial Results of First Quarter of Fiscal 2015

(billion yen)

	FY2014	FY2015	Change
	1Q (Apr-Jun)	1Q (Apr-Jun)	
Net Sales	927.6	857.1	(70.5)
Operating Income	31.3	24.6	(6.7)
Non-operating Income	3.3	4.1	0.8
Ordinary Income	34.6	28.7	(5.9)
Extraordinary Profit (Loss)	(7.0)	0	7.0
Income before Income Taxes and Minority Interests	27.6	28.7	1.1
Tax Expense and Profit Attributable to Non-controlling Interests	(12.1)	(11.3)	0.8
Profit Attributable to Owners of Parent	15.5	17.3	1.8





Financial Results of First Quarter of Fiscal 2015 (by Segment)

(billion yen)

		FY2014	FY2015	Chango
		1Q (Apr-Jun)	1Q (Apr-Jun)	Change
	Steel Business	703.5	620.8	(82.7)
	Engineering Business	61.4	69.4	8.0
	Trading Business	462.1	465.1	3.0
	Adjustments	(299.4)	(298.4)	1.0
	let Sales	927.6	857.1	(70.5)
	Steel Business	30.7	21.5	(9.2)
	Engineering Business	(1.4)	(0.3)	1.1
	Trading Business	5.0	5.4	0.4
	Adjustments	0.4	2.1	1.7
	Ordinary Income (Loss)	34.6	28.7	(5.9)



Forecasts of Consolidated Financial Results in Fiscal 2015 (April 1, 2015 to March 31, 2016)



Financial Forecasts for Fiscal 2015

(billion yen)

	FY2014		FY2015		Change	Change
	1H	Full year	1H	Full year	1H	Full year
Net Sales	1,848.0	3,850.3	1,800.0		(48.0)	
Operating Income	82.1	222.5	45.0		(37.1)	
Non-operating Income	9.8	8.4	5.0		(4.8)	
Ordinary Income	91.9	231.0	50.0	200.0	(41.9)	(31.0)
Extraordinary Profit (Loss)	(7.1)	(4.3)	0		7.1	
Income before Income Taxes and Minority Interests	84.8	226.6	50.0		(34.8)	
Tax Expense and Profit Attributable to Non-controlling Interests	(32.5)	(87.3)	(20.0)		12.5	
Profit Attributable to Owners of Parent	52.3	139.3	30.0		(22.3)	
ROS(*)	5.0%	6.0%	2.8%		(2.2%)	

^{*}Return on Sales: Ordinary Income / Net Sales



Financial Forecasts for Fiscal 2015 (by Segment)

(billion yen)

		FY2014		FY2	2015
		1H	Full year	1H	Full year
	Steel Business	1,424.1	2,873.8	1,260.0	
	Engineering Business	144.6	367.3	160.0	
	Trading Business	946.2	1,934.4	980.0	
	Adjustments	(667.0)	(1,325.3)	(600.0)	
Net Sales		1,848.0	3,850.3	1,800.0	
	Steel Business	77.6	188.5	38.0	150.0
	Engineering Business	0.6	18.0	1.0	20.0
	Trading Business	11.4	24.6	9.5	23.0
	Adjustments	2.2	(0.2)	1.5	7.0
Ordinary Income		91.9	231.0	50.0	200.0

Change	Change
1H	Full year
(164.1)	/
15.4	
33.8	
67.0	
(48.0)	
(39.6)	(38.5)
0.4	2.0
(1.9)	(1.6)
(0.7)	7.2
(41.9)	(31.0)



JFE Steel Financial Results in First Quarter of Fiscal 2015



Production and Shipment

(million tons)

■ Crude Steel Production and Shipment (non-consolidated basis)

	FY2014	FY2014
	1Q	Full year
	Α	
Crude Steel	7.14	28.44
Shipment	6.41	26.07

FY2015
1Q
В
6.54
5.98

Change	
В-А	
(0.60)	
(0.43)	

■ Crude Steel Production (consolidated basis)



JFE Steel 19 Billion Yen decrease in JFE Steel's Ordinary Income (FY14 4Q vs. FY15 1Q)

(billion yen)

JFE Steel	FY14	FY14	FY14	FY14	FY15
JE Steel	1Q	2Q	3Q	4Q	1Q
Ordinary	20.7	16.0	70.0	40.9	21.5
Income	30.7	46.8	70.0	40.9	21.5



- Cost reduction + 3.0
- Sales and Raw materials 30.0
- Inventory valuation 5.0
- Others + 12.6

TOTAL -19.4



JFE Steel Financial Forecasts for Fiscal 2015



Domestic Market Environment

JFE Steel

Outlook for Ordinary Steel Consumption

(000t)

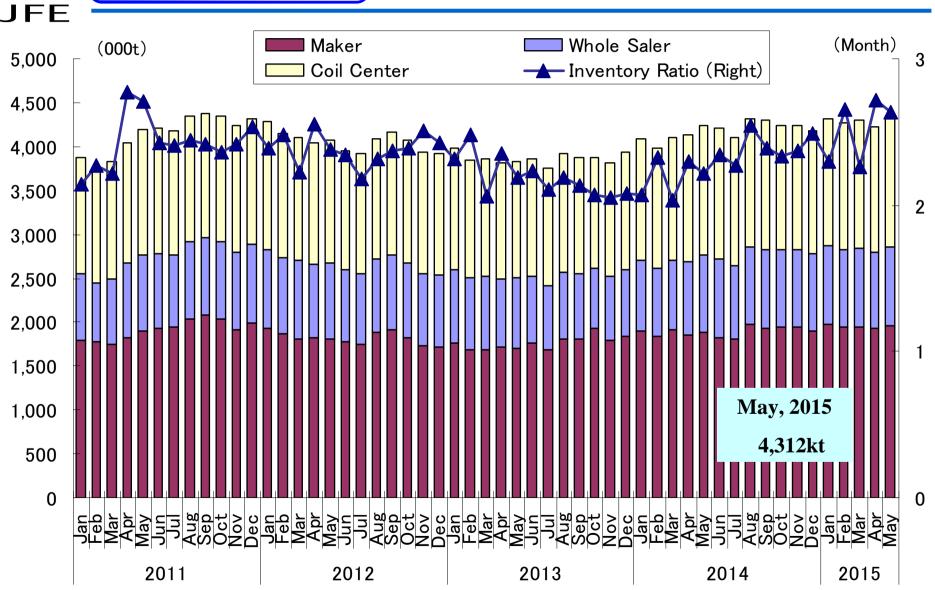
		FY12	F13	FY14(E)		FY15(E)	
		FIIZ	ГІЗ	F114(E)	1H	2H	
	Civil	6,082	6,742	7,338	3,326	3,773	7,099
	Construction	14,744	16,263	15,125	7,520	7,553	15,073
	ivil & onstruction	20,826	23,005	22,463	10,846	11,326	22,172
	Shipbuilding	4,356	4,162	4,230	2,159	2,157	4,316
	Auto	11,143	11,479	11,146	5,446	5,667	11,113
	Machinery	4,698	5,036	5,208	2,591	2,622	5,213
	Electric	3,018	3,112	3,064	1,540	1,556	3,096
	Others	4,922	5,014	4,839	2,338	2,413	4,750
N	lanufacturing	28,137	28,803	28,487	14,074 14,415		28,489
	TOTAL	48,963	51,808	50,950	24,920	25,741	50,661

Change		
FY14→FY15		
-239	-3.3%	
-52	-0.3%	
-291	-1.3%	
+86	+2.0%	
+33	-0.3%	
+5	+0.1%	
+32	+1.0%	
-89	-1.8%	
+1	0%	
-290	-0.6%	

JFE Steel



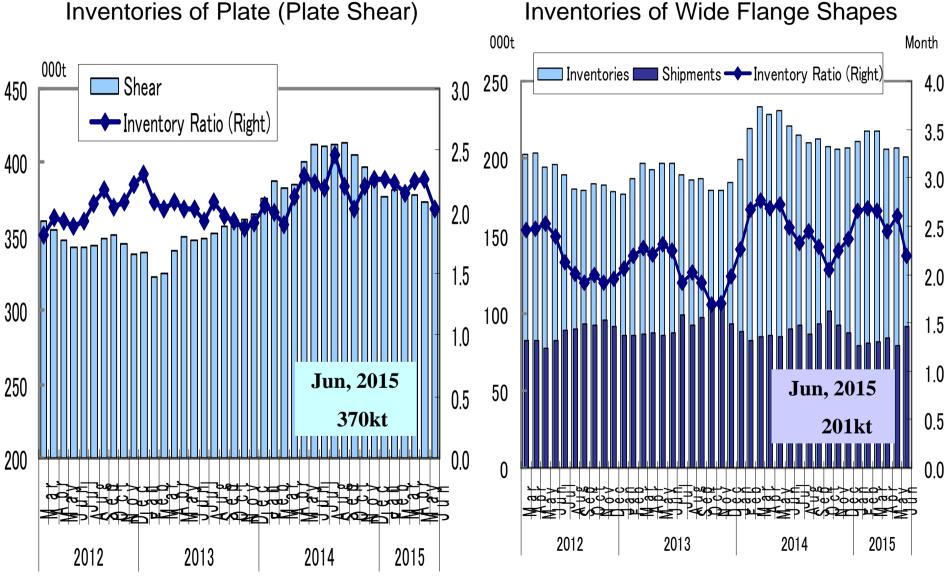
Combined Inventories of HR, CR and Coated Steel Sheet





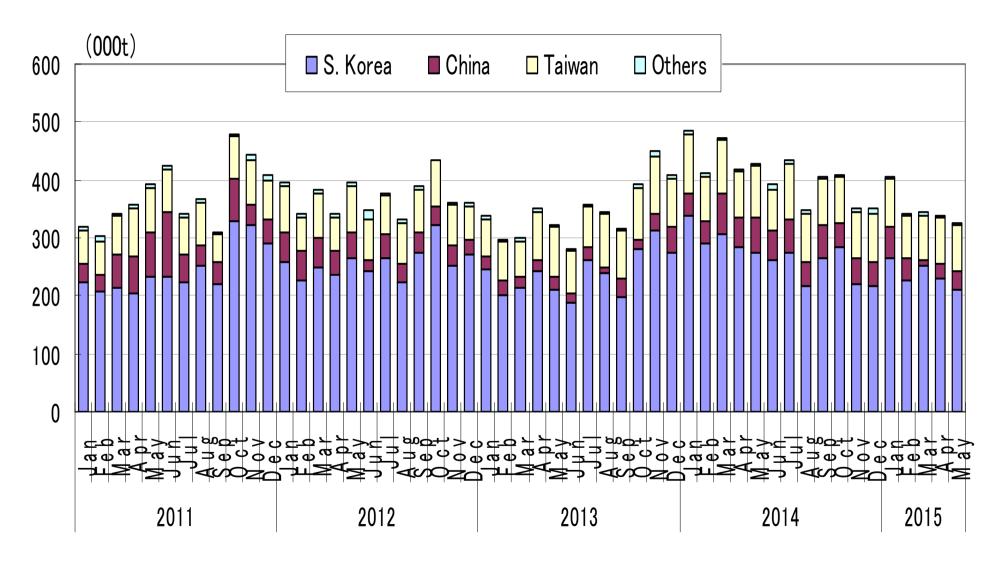
JFE Steel Inventories of Plate (Plate Shear)

and Wide Flange Shapes Inventories of Plate (Plate Shear)



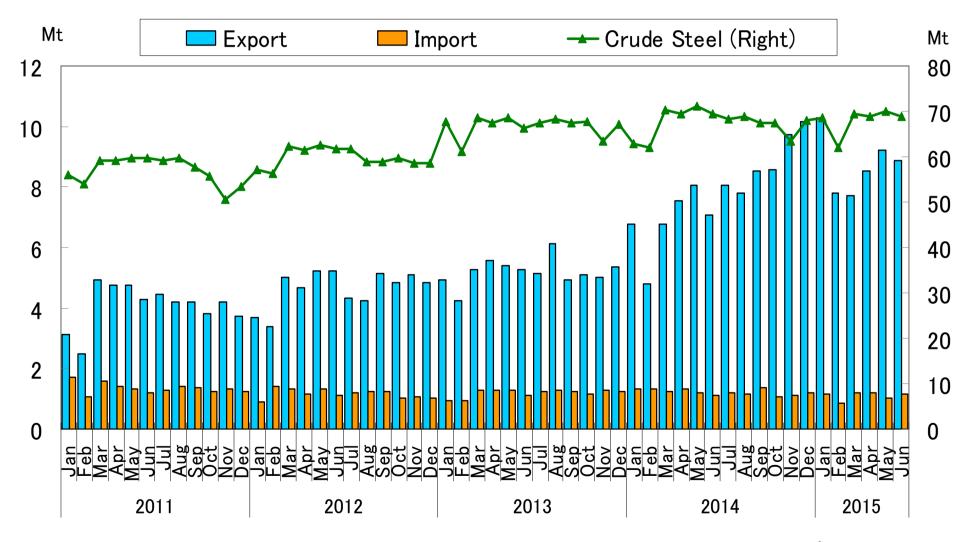


Trend of Import Steel (Ordinary Steel)





Crude Steel & Im/Export, China

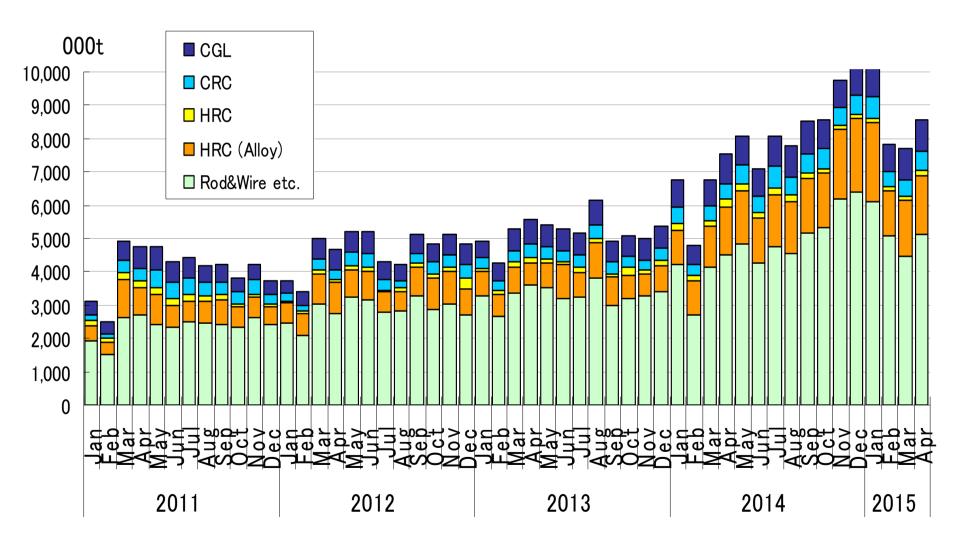






Overseas Market Environment

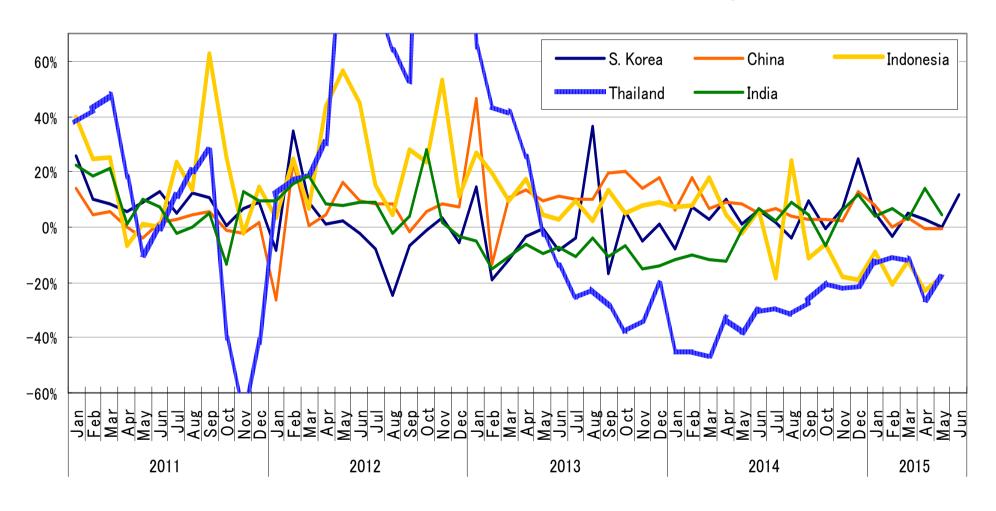
Exports from China by Products





Auto Sales in Key Countries

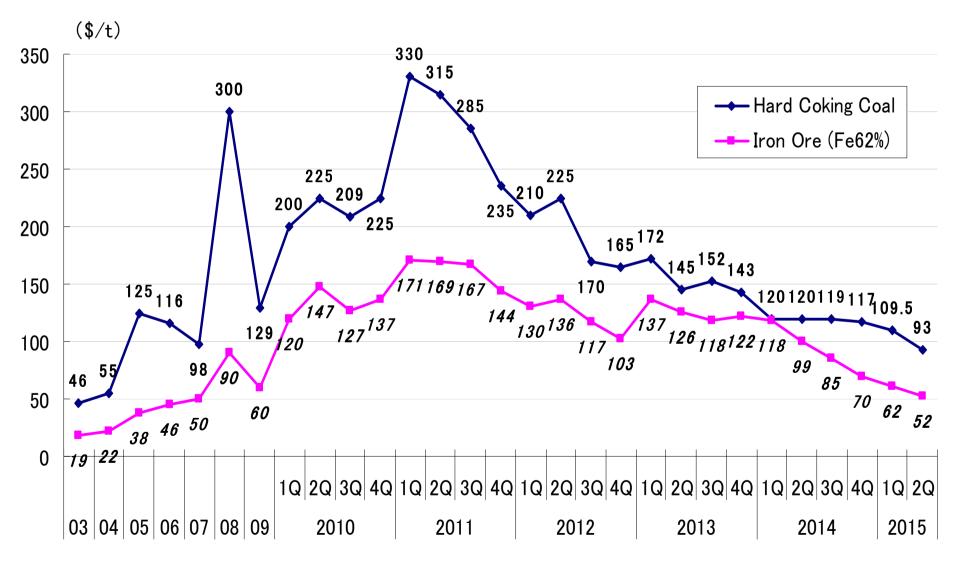
Automobile Sales in Key Countries (YoY Change)





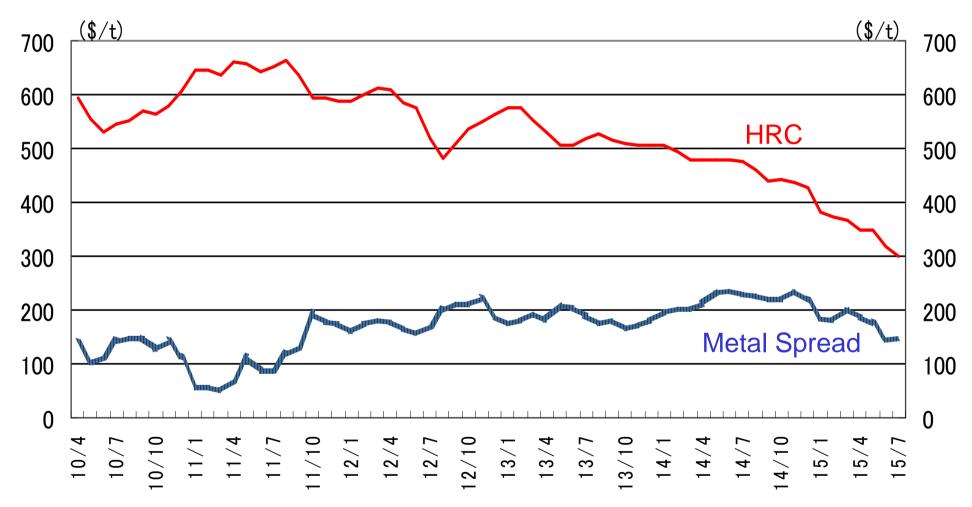
Raw Materials

Raw Materials Price





Metal Spread Trend (Chinese Spot basis)



Metal Spread = HRC Price - Raw Materials Cost

*HRC Price: Chinese Spot basis

Raw Materials Cost: Calculated from market price of Iron Ore and Hard Coking Coal



Production and Shipment Forecasts

(million tons)

Crude Steel Production and Shipment (non-consolidated basis)

	FY2014		FY2015			
		1Q	2Q	1H		
	(Actual)	(Actual)	(Forecast)	(Forecast)		
Crude Steel	28.44	6.54	7.0	13.5		
Shipment	26.07	5.98	6.6	12.6		
ASP (000yen/t) Exchange Rate (yen/\$)	77.1 109.2	73.5 121.0	69 124	71 123		

Full year 28.0

Crude Steel Production (consolidated basis)

Crude Steel	31.04	7.19	7.6	14.8
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Financial Forecasts for FY2015 of JFE Steel

(billion yen)

JFE Steel

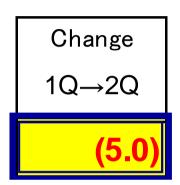
		FY2014			FY2	015		Change
JFE Steel	1H	2H		1Q	1H	2H		2014 →
	(A)	(A)	(A)	(A)	(F)	(F)	(F)	2015
Net Sales	1,424.1	1,449.7	2,873.8	620.8	1,260.0			
Ordinary Income	77.6	110.9	188.5	21.5	38.0	112.0	150.0	(38.5)
ROS(*)	5.4%	7.6%	6.6%	3.5%	3.0%	-	_	-



JFE Steel 5 Billion Yen decrease in JFE Steel's Ordinary Income (FY15 1Q (Actual) vs. 2Q (Forecast))

(billion yen)

	FY2015 (Forecast)				
JFE Steel	1Q	2Q	1H		
Ordinary Income	21.5	16.5	38.0		



- Cost reduction + 3.0
- Sales and Raw materials + 5.0
- Inventory valuation ± 0
- Others 13.0

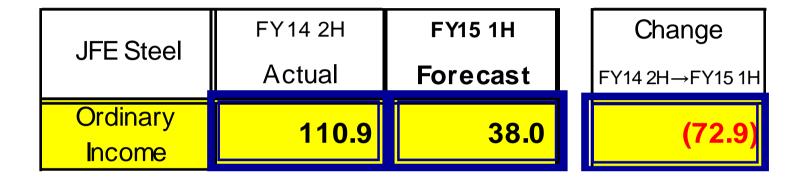
TOTAL -5.0



73 Billion Yen decrease in JFE Steel's Ordinary Income (FY14 2H (Actual) vs. FY15 1H (Forecast))

(billion yen)

JFE Steel



- Cost reduction + 10.0
- Sales and Raw materials 45.0 □ Decline in sales volume, export sales price etc.
- Inventory valuation 20.0
- Others
 17.9
 □ Increase in labor and outsourcing costs Seasonal decrease in profit of subsidiary companies etc.

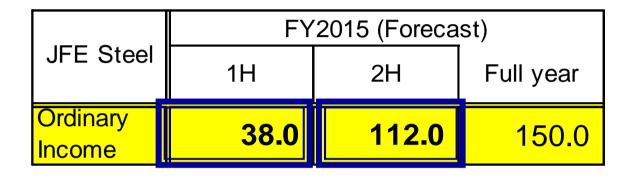
TOTAL -72.9

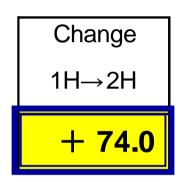


74 Billion Yen increase in JFE Steel's Ordinary Income (FY15 1H (Forecast) vs. FY15 2H (Forecast))

(billion yen)

JFE Steel





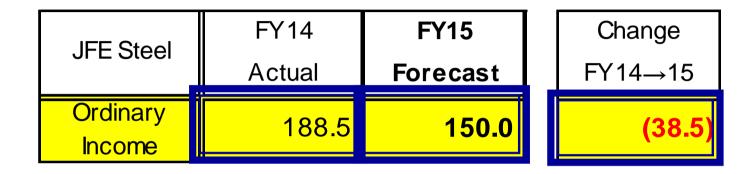
- Cost reduction + 10.0
- Sales and Raw materials + 40.0 □ Increase in sales volume, export sales price
- Inventory valuation + 20.0
- Others + 4.0 □ Seasonal increase in profit of subsidiary companies

TOTAL + 74.0



JFE Steel 39 Billion Yen decrease in JFE Steel's Ordinary Income (FY14 (Actual) vs. FY15 (Forecast))

(billion yen)



- Cost reduction + 40.0
- Sales and Raw materials 55.0 □ Decline in sales volume, export sales price etc.
- Inventory valuation 14.0
- Others
 9.5
 ☐ Increase in depreciation, labor and outsourcing costs

TOTAL — 38. 5



Integrated Steelworks Project in Vietnam



JFE Steel to Acquire 5% Stake in Vietnam's First Integrated Steelworks Project (announced of announced of the control of the c

(announced on July 30, 2015)

- ➤ To acquire 5% stake in Formosa Ha Tinh Steel Corporation
- To provide the project with technical support
- ⇒ One of JFE's first major steps toward achieving JFE Brand 40 million

[Formosa Ha Tinh Steel Corporation (FHS)]

Location	Vung Ang Economic Zone, Ky Anh Town, Ha Tinh Province, Vietnam					
Establishment	2008	Chen, Yuan Cheng				
Business	Integrated steelmaker	I Canifal LUSTIA 5 DILLION				
Shareholders	Current: Formosa Plastic Group (FPG) 95%, China Steel Corporation (CSC) 5% Planned: FPG 70%, CSC 25%, JFE Steel 5%					
Employees	6,466 (planned for first phase of project) USD10.5 billion (planned for first phase of project)					
Coke oven, sintering facility, two blast furnaces, steelmaking facility, hot rolling mill, bar steel/wire room rolling mill and electric generator						
Facilities	Initial crude steel output capacity: approx. 7 million tons per year					

[Location of FHS]







JFE Engineering Financial Forecasts for Fiscal Year 2015



Financial Forecasts for FY15 of JFE Engineering

(billion yen)

	FY2014(A)		FY20	15(F)	Change	Change
	1H	Full year	1H	Full year	1H	Full year
Orders	214.8	459.5	200.0		(14.8)	
Net Sales	144.6	367.3	160.0		15.4	
Ordinary Income	0.6	18.0	1.0	20.0	0.4	2.0

[Change]

(FY2014 1H to FY2015 1H)

-Orders: -14.8 Decrease in waste disposal operations related to disaster in Fukushima etc.

-Net Sales: +15.4 Increase in orders (FY13: 367, FY14: 459.5)

-Ordinary Income: +0.4 Increase in net sales

(FY2014 Full year to FY2015 Full year)

-Ordinary Income: +2 Increase in net sales



Classification of placed orders

(billion yen)

Catagory	FY2014	FY2015	Change	Main Orders (FY2015 1Q)	
Category	1H (A)	1H (F)	Change		
Environment, Energy	175.1	143.0	(32.1)	-Improvement works of Fukui-prefecture Obama Clean Center -Construction of gas pipelines in Tohoku region -3 Solar power stations	
Steel Structure, Industrial Machinery etc.	39.6	57.0	17.4	-Construction of Otakirigawa bridge in Joushin'etsu motorway -Hybrid seawall for Okawa-Kesennuma Port in Miyagi PrefConstruction of a factory of feed -Install of Ballast water management system, "Ballast Ace", for18 ships	
Total	214.8	200.0	(14.8)		



JFE Engineering Establishment of Joint Venture Engineering Company for Waste Incineration Power Plant in China

(announced on Jun. 3, 2015)

JFE Engineering has agreed with local Chinese companies on the establishment of a joint venture to perform engineering work for a stoker-type waste incineration power plant in China.

To expand the business of urban environment by promoting the localization in China, where the demand for waste incineration power plants are growing

The joint venture will carry out all work locally as an integrated process, under licensing of the technology from JFE Engineering, from design to production of a stoker-type incinerator, which simultaneously suppresses emissions of both dioxins and nitrogen oxides (NOx).

[Outline of Joint Venture Company]

Dongjie Environmental Technology Co., Ltd.

i.Location: Shanghai, P.R. China

ii.Capitalization: ¥700 million (approx.)

iii.Date established: Aug. 2015 (as scheduled)

iv.Investors: JFE Engineering (50%),

Chinayong Environmental and New Energy Co., Ltd. (50%)

- A company that was established by Dongfeng Design Institute Co., Ltd., a member of the Dongfeng Motor Corporation Group, which is a leading car manufacturer in China, and other companies

v.Business: Waste power plant engineering

Current business E&P in an incinerator Civil engineering Construction Other facilities Joint Venture Company E&P in whole facilities



JFE Engineering JFE BallastAce Adopted for Vessels in Service on Sea Routes in North America (approximated on Jun. 1, 2015)

(announced on Jun. 1, 2015)

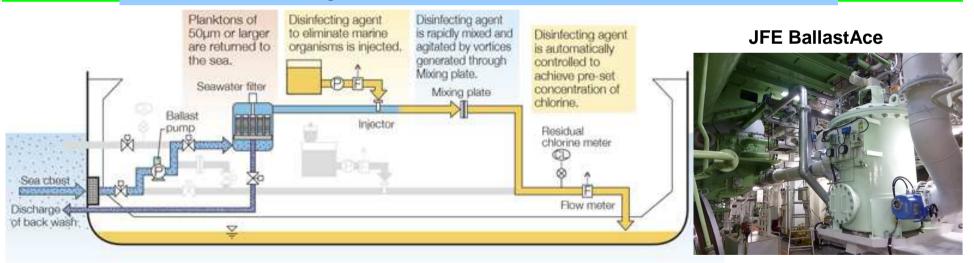
JFE Engineering has received an order for its ballast water management system from Fednav Limited (Head Office: Montreal).

JFE BallastAce: A ballast water management system of "Filtration and Chemical injection" method

Adopted for more than 700 ships

A market share of 80% in Japan, Top 4 of the world (As of Aug., 2014, JFE research)

One of new technologies in JFE Fifth Medium-Term Business Plan



JFE BallastAce was granted the type approval from IMO (the International Marine Organization).

JFE takes the initiative in applying for type approval from USCG (the United States Coast Guard), which has come up with even tougher ballast water regulations.



JFE Shoji Financial Forecasts for Fiscal Year 2015



Financial Forecasts for FY2014 of JFE Shoji

(billion yen)

	FY2014(A)		FY20	Change	
	1H	Full year	1H	Full year	Full year
Net Sales	946.2	1,934.4	980.0		
Ordinary Income	11.4	24.6	9.5	23.0	(1.6)

[Ordinary Income Change: FY2014 to FY2015]

-Domestic Business:

Decrease in sales of steel sheet and steel plate due to inventory adjustment

-Overseas Business:

Decrease in sales of steel export due to China's oversupply



JFE Shoji A Joint Venture Project of Cold Drawn Tube Manufacturing Plant in Mexico

(announced on Feb. 9, 2015)

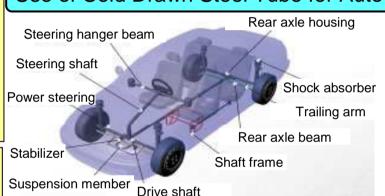
Prolamsa, a leading steel pipe manufacturer in Mexico, Sankin Corporation, a manufacturer of cold drawn steel tube, and JFE Shoji Trade Corporation, basically agreed to proceed the project to establish a joint venture company for manufacturing and sales of cold drawn tube, especially focusing on automobile use in Mar., 2015.

Target

- •To enter the market of drawn steel tube for auto in Mexico, where the investments by Western and Japanese automobile and its related businesses are rapidly increasing
- •To capture the growing demand of cold drawn steel tube not only for Japanese auto makers but also for Western auto makers
- To maximize synergy effect with Kelly Pipe

Demand for cold drawn steel tube in Mexico (estimated): 60,000-80,000 t/year

Use of Cold Drawn Steel Tube for Auto



Outline of the Joint Venture Company

- Company Name: A4C-Sankin Precision Tube, S.A.de P.L.de C.V.
- Location: Monterrey, Nuevo Leon, Mexico
- iii. Business: Manufacturing and Sales of Cold Drawn Tube.
- iv. Main equipment : Cold Drawn Steel Tube Line (Production Capacity: 1,000t/Month)
- Date Started Operation : Autumn of 2016(as scheduled)

Prolamsa Monterrey Head Office and the Joint Venture Company



Prolamsa

Mexico City

37



JFE Holdings Financial Forecasts for Fiscal Year 2015



Financial Forecasts for Fiscal 2015

(billion yen)

	FY2014		FY2015		Change	Change
	1H	Full year	1H	Full year	1H	Full year
Net Sales	1,848.0	3,850.3	1,800.0		(48.0)	
Operating Income	82.1	222.5	45.0		(37.1)	
Non-operating Income	9.8	8.4	5.0		(4.8)	
Ordinary Income	91.9	231.0	50.0	200.0	(41.9)	(31.0)
Extraordinary Profit (Loss)	(7.1)	(4.3)	0		7.1	
Income before Income Taxes and Minority Interests	84.8	226.6	50.0		(34.8)	
Tax Expense and Profit Attributable to Non-controlling Interests	(32.5)	(87.3)	(20.0)		12.5	
Profit Attributable to Owners of Parent	52.3	139.3	30.0		(22.3)	
ROS(*)	5.0%	6.0%	2.8%		(2.2%)	

^{*}Return on Sales: Ordinary Income / Net Sales



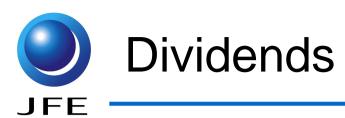
Underlying Profit before One-off Effects

(Billion yen)

			<u> </u>
	FY2013	FY2014	FY2015
	Actual	Actual	Estimate
Net Sales	3,666.8	3,850.3	-
Ordinary Income	173.6	231.0	200.0
ROS (*)	4.7%	6.0%	-
One-off Effects	15	(32)	(46)
Underlying Profit before One-off Effects	160	260	250
ROS (*)	4.4%	6.8%	-



Dividends



■ JFE Holdings expects to pay an interim dividend of 20 yen per share based on current income and profit forecasts.

The year-end dividend will be decided once actual performance becomes clearer.



Appendix



Main Financial Data

JFE										(Forecast)
	FY03	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15 1H
Ordinary Income (Bn. Yen)	218.3	502.9	400.5	69.2	165.8	52.9	52.2	173.6	231.0	50.0
ROS ※1	8.8%	14.2%	10.2%	2.4%	5.2%	1.7%	1.6%	4.7%	6.0%	2.8%
ROE ※2	15.9%	17.5%	13.7%	3.3%	4.1%	-2.6%	2.7%	6.3%	7.7%	3.1%
ROA ※3	6.5%	13.0%	10.0%	2.2%	4.6%	1.7%	1.6%	4.5%	5.5%	2.5%
Debt Outstanding	1,837	1,282	1,769	1,468	1,496	1,594	1,596	1,534	1,501	1,490
D/E Ratio ¾4	246.2%	61.4%	98.9%	75.5%	76.5%	83.5%	76.9%	67.9%	59.0%	58.2%
Net Income (yen/share)	185.8	450.6	355.6	86.4	110.7	-68.7	71.2	177.4	241.6	52.0
Dividend (yen/share)	30	120	90	20	35	20	20	40	60	※ 20
Pay-out Ratio	16.1%	26.6%	25.3%	23.1%	31.6%	-	28.1%	22.5%	24.8%	38.5%

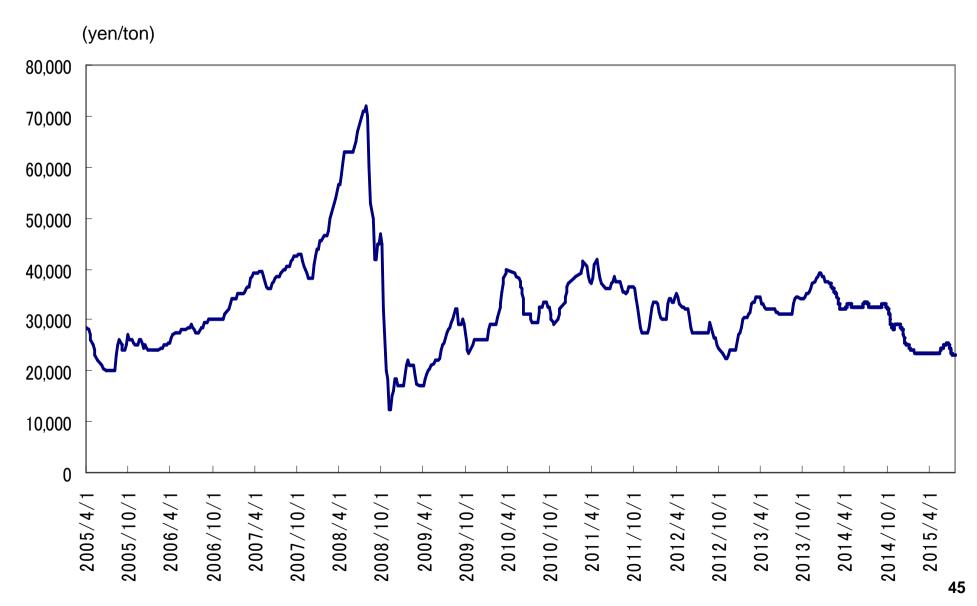
(X) Interim (E)

^{※3} ROA (full year) = Ordinary income before interest expense / Total assets (average), ROA (first half) = Ordinary income before interest expense x 2 / Total assets (average)

^{**4} D/E ratio = Debt outstanding / Shareholders' equity. For debt having a capital component, 75% of the 300 billion yen issue price is deemed to be capital, as assessed by rating agencies.

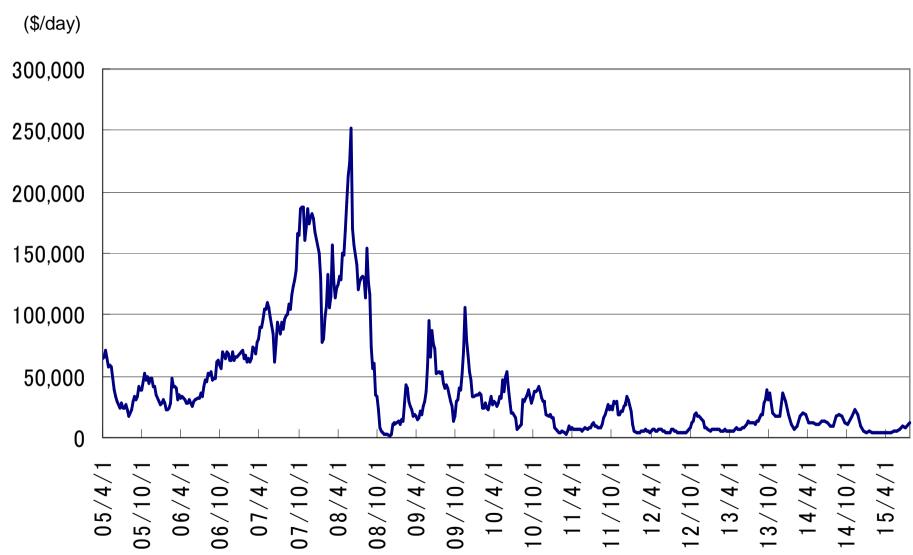


Raw Materials | Trend of Scrap Price



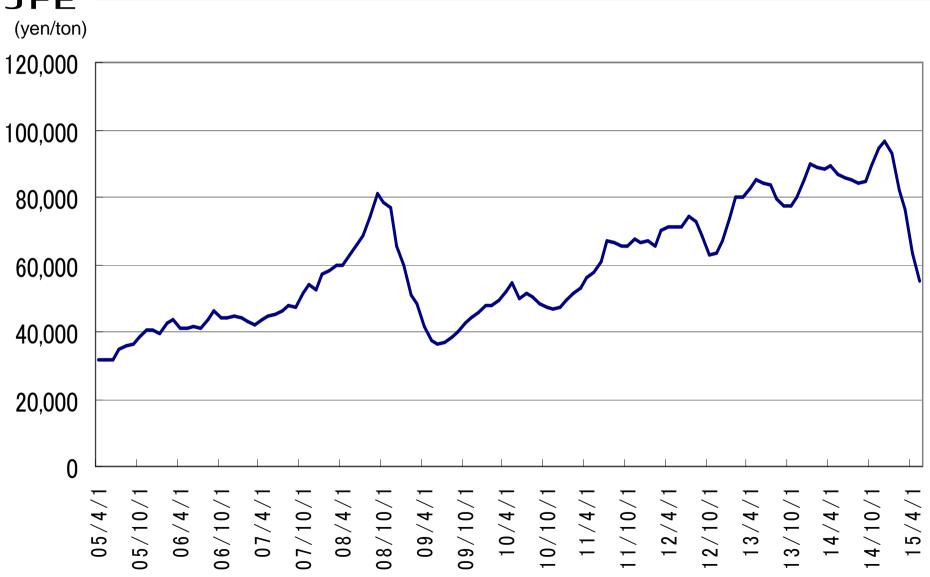


Raw Materials Trend of Spot Bulker Price



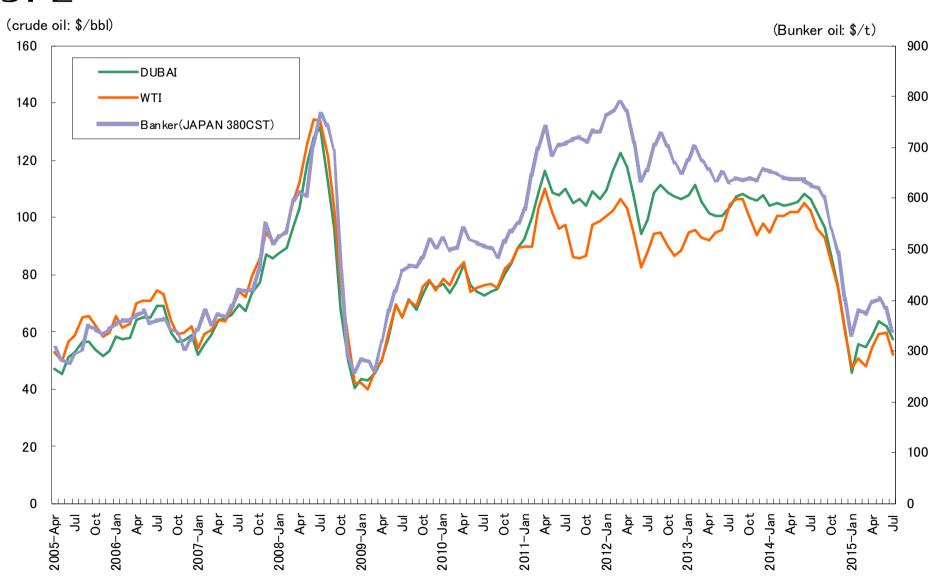


Raw Materials Trend of LNG Price





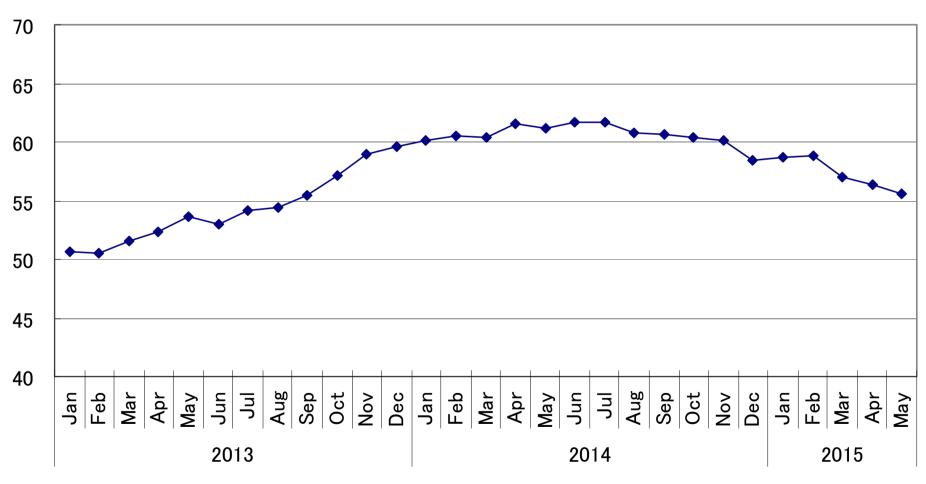
Raw Materials Trend of Oil Price





Price Trend of Import Steel

(000 yen/ton)



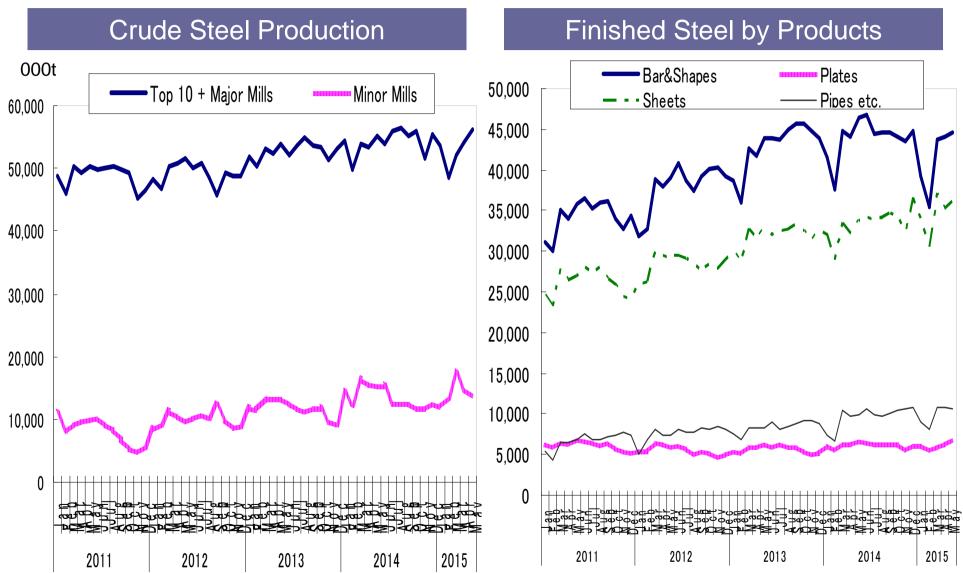
Data: Japanese Steel Association Import Steel from S. Korea





Overseas Market Environment

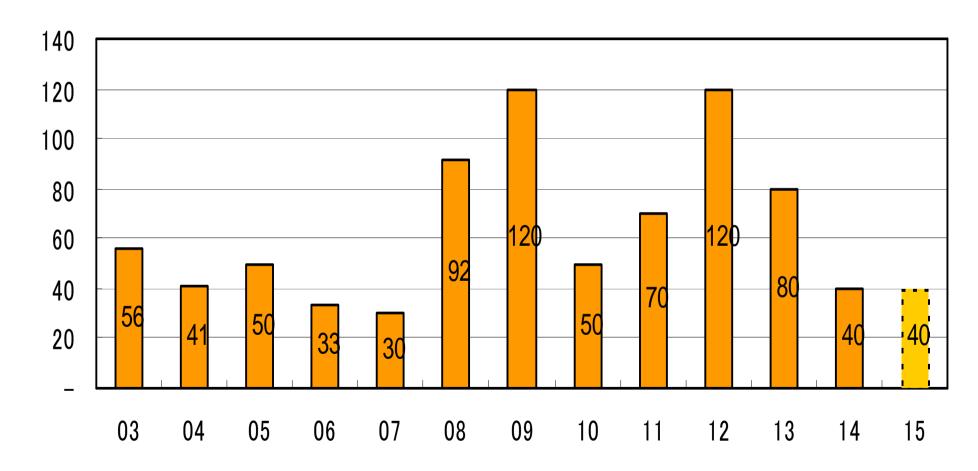
Production Trend in China





Cost Reduction (Steel Business)

(billion yen)





JFE Steel 9 Billion Yen decrease in JFE Steel's Ordinary Income (FY14 1Q (Actual) vs. FY15 1Q (Actual))

(billion yen)

JFE Steel	FY14	FY14	FY14	FY14	FY15	Change
	1Q	2Q	3Q	4Q	1Q	1Q→1Q
Ordinary Income	30.7	46.8	70.0	40.9	21.5	(9.2)

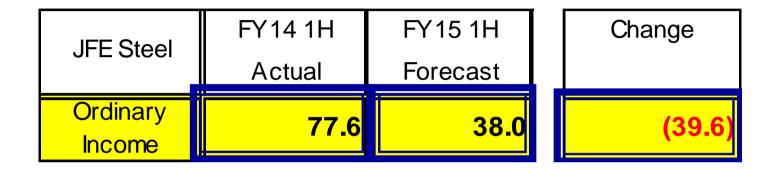
- Cost reduction + 10.0
- \blacksquare Sales and Raw materials -20.0
- Inventory valuation \pm 0
- 0thers + 0.8

TOTAL -9.2



JFE Steel 40 Billion Yen decrease in JFE Steel's Ordinary Income (FY14 1H (Actual) vs. FY15 1H (Actual))

(billion yen)



- Cost reduction + 20.0
- \blacksquare Sales and Raw materials -35.0
- Inventory valuation 15.0
- Others 9.6

TOTAL

— 39.6



New Electric Power Station in Chiba Works

(announced on July 10, 2015)

- ➤ Start operation of new #4 electric power station, privately owned highlyefficient gas turbine combined cycle power generation facility, in Chiba-west district of East Japan Works
- Install Japan's first gas turbine facility that can burn relatively-low calory by-product gas recovered from steelmaking process and city gas simultaneously
 - ⇒ Enhance power generation efficiency by 30%



Contribute energy saving and reduce CO² emissions

	#4 Electric Power Station in Chiba-west district of East Japan Works				
Facility	Power Generation Method	Gas turbine combined cycle			
	Power Output	166,000 kW			
Operation Start Date	July, 2015				
Investment	Approx. 25 billion yen				

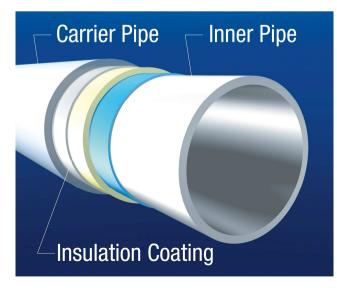


JFE Steel to Supply 2,200 Tons of Linepipes to North Sea Gas Project

(announced on July 14, 2015)

- ➤JFE has won a contract to supply 2,200 metric tons of linepipes to Statoil Petroleum AS, a Norwegian oil and gas company. The linepipes for Statoil's Gullfaks Rimfaksdalen Project include 1,400 metric tons of MightySeam® electric-resistance-welded (ERW) steel pipes and 800 metric tons of 13-percent chromium stainless seamless pipes.
- The project will use pipe-in-pipe technology and JFE supply both inner pipe (13-percent chromium seamless pipe) and outer pipe (ERW pipe) to Statoil at the same time.

[Pipe-In-Pipe technology]



- ●JFE Steel's **MightySeam** boasts dramatically robust weld toughness that remains effect even at temperatures below -50°C. JFE Steel uses proprietary advanced processes to control the morphology and distribution of oxides emitted during welding, and then phased array ultrasonics to check for flaws along each weld's entire length on a real-time basis.
- ●JFE Steel's **13-percent chromium seamless pipe** offers strong resistance to CO2 corrosion and hydrogen sulfide (H₂S) degradation. In addition, it reduces maintenance costs and eliminates the need for environmentally harmful chemicals to inhibit rust. It also is cheaper than duplex stainless steel pipe containing separate layers of higher-percentage 22-percent and 25-percent chromium stainless, so it helps to reduce costs.

