## Summary of Consolidated Financial Results for First Half Quarter of FY2018

Nov. 1, 2018

Mitsubishi Gas Chemical Company, Inc (TSE 4182)

### 1. Summary of Income Statement (April 1- Sep 30, 2018)

#### Millions of yen, rounded down

	Apr. 1 -Sep. 30, 2017	Apr. 1 -Sep. 30, 2018	Change (%)
Net Sales	302,943	328,376	8.4
Operating income	30,267	28,950	(4.4)
Ordinary income	42,008	46,532	10.8
Net income attributable to owners of the parent	35,453	37,919	7.0
Comprehensive income	40,680	41,195	1.3
Net income per share (Yen)	164.28	177.51	

### 2. Financial Position

#### Millions of yen, rounded down

	As of Mar. 31, 2018	As of Sep. 30, 2018
Total Assets	785,687	801,677
Net Assets	519,144	552,025
Equity Ratio(%)	59.5	62.4

#### 3. Dividends

	FY2017	FY2018(Forecast)
Interim dividend per share (Yen)	24.00	35.00
Year-end dividend per share (Yen)	35.00	35.00
Annual Dividend per share (Yen)	59.00	70.00

(Note) Revision of cash dividend forecast during this period: None

### 4. Consolidated Business Forecasts for FY2018 (April 1, 2018 - March 31, 2019)

### Millions of yen, rounded down

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	Full Year
Net Sales	660,000
Operating income	48,000
Ordinary income	79,000
Net income attributable to owners of the parent	62,000
Net income per share (Yen)	290.22

(Note) Revision of consolidated business forecasts during this period: Yes

The press release titled "Notice of the Period of the Methanol Joint Venture Agreement in Saudi Arabia of JSMC, a MGC's Equity Method Affiliate" is published at the same time with the financial results released today. The impact of the information on MGC's consolidated business performance forecast is not considered since its possible effects have yet to be determined. MGC will immediately disclose any corrections in the business forecasts that may be necessary in the future.

## 5. Number of Shares Outstanding (Common Stock)

	Mar31,2018	Sep30,2018
Number of shares outstanding at term end (including treasury stock)	231,739,199	231,739,199
Number of shares of treasury stock at term-end	18,135,027	18,097,622

	Apr. 1 -Sep. 30, 2017	Apr. 1 -Sep. 30, 2018
Average shares outstanding during period	215,814,659	213,619,751

<sup>1.</sup> These quarterly financial results are not subject to quarterly review procedures. At this time of disclosure of these financial results, the quarterly financial statement review procedures based on the Financial Instrument and Exchange Law have not been completed.

<sup>2.</sup> Forecasts, etc., recorded in this document contain forward-looking statements that are based on management's estimates, assumptions and projections at the time of publication. A number of factors could cause actual results to differ materially from expectations.

# **Consolidated Financial Statements**

# 1. Consolidated Balance Sheets

1. Consolidated Balance Checks	(Millions of yen, rounded down)		
	As of Mar. 31, 2018 As of Sep. 30, 2018		
ASSETS			
Current assets			
Cash and deposits	101,090	88,905	
Trade notes and accounts receivable	165,606	166,367	
Short-term investments securities	121	135	
Merchandise and finished goods	57,958	64,223	
Work in progress	11,044	12,642	
Raw materials and supplies	34,750	35,496	
Other	14,847	14,866	
Allowance for doubtful accounts	(1,170)	(1,145)	
Total current assets	384,249	381,490	
Noncurrent assets			
Property, plant and equipment			
Buildings and structures, net	80,823	80,240	
Machinery, equipment and vehicles, net	81,359	78,477	
Other, net	58,535	65,517	
Total property, plant and equipment	220,717	224,235	
Intangible assets			
Goodwill	3,911	3,993	
Other	4,499	5,097	
Total intangible assets	8,411	9,091	
Investments and other assets			
Investment securities	161,391	176,103	
Other	11,471	11,301	
Allowance for doubtful accounts	(555)	(545)	
Total investments and other assets	172,308 186,8 <mark>5</mark>		
Total noncurrent assets	401,437	420,187	
Total assets	785,687 801, <mark>67</mark>		

# **Consolidated Balance Sheets (continued)**

	(Millions of yen, rounded down)		
	As of Mar. 31, 2018 As of Sep. 30, 201		
LIABILITIES			
Current liabilities			
Trade notes and accounts payable	88,720	86,351	
Short-term loans payable	71,155	57,352	
Income taxes payable	4,133	3,576	
Provision	5,643	5,533	
Asset retirement obligations	1,522	1,550	
Other	35,660	33,974	
Total current liabilities	206,835	188,340	
Noncurrent liabilities			
Bonds payable	10,000	10,000	
Long –term loans payable	25,328	24,942	
Provision	3,549	4,075	
Projected benefit obligations	4,592	4,272	
Asset retirement obligations	2,420	2,431	
Other	13,815	15,589	
Total noncurrent liabilities	59,707	61,311	
Total liabilities	266,543	249,651	
NET ASSETS			
Shareholders' equity			
Capital stock	41,970	41,970	
Capital surplus	34,578	34,649	
Retained earnings	399,033	429,476	
Treasury stock	(19,966)	(19,927)	
Total shareholders' equity	455,616	486,169	
Accumulated other comprehensive income			
Valuation difference on available-for-sale securities	17,261	16,918	
Deferred gains or losses on hedges	(0)	(11)	
Revaluation reserve for land	222	222	
Foreign currency translation adjustment	(7,614)	(4,696)	
Remeasurements of defined benefit plans	1,878	1,577	
Total accumulated other comprehensive	11,747	14,010	
Non controlling interest	51,780	51,845	
Total net assets	519,144		
Total liabilities and net assets	785,687	801,677	

# 2. Consolidated Statements of Income

(Millions of yen, rounded down)

	(willions of yen, rounded down)		
	Apr. 1 -Sep. 30,	Apr. 1 -Sep. 30,	
	2017	2018	
Net sales	302,943	328,376	
Cost of sales	227,300	252,451	
Gross profit	75,643	75,925	
Selling, general and administrative expenses	45,375	46,974	
Operating income	30,267	28,950	
Non-operating income			
Interest income	201	286	
Dividend income	1,425	1,509	
Equity in earnings of affiliates	10,499	17,270	
Other	2,348	1,711	
Total non-operating income	14,475	20,777	
Non-operating expenses			
Interest expense	527	545	
Personnel expenses for seconded employees	751	897	
Rent expenses	551	791	
Other	903	961	
Total non-operating expenses	2,734	3,195	
Ordinary income	42,008	46,532	
Extraordinary income			
Gain on sales of investment securities	893	859	
Gain on sales of non-current assets	-	714	
Total extraordinary income	893	1,573	
Extraordinary losses			
Provision for loss on guarantees	-	631	
Loss on valuation of investment securities	356	374	
Loss on disposal of non-current assets	154	-	
Total extraordinary losses	511	1,005	
Income before income taxes, etc.	42,391	47,101	
Income taxes, etc.	4,154	7,129	
Net income	38,237	39,971	
Net income attributable to non-controlling interests	2,783	2,052	
Net income attributable to owners of the parent	35,453	37,919	

# (Consolidated Statements of Comprehensive Income)

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	Apr. 1 -Sep. 30, 2017	Apr. 1 -Sep. 30, 2018
Net income	38,237	39,971
Other comprehensive Income		
Valuation difference on available-for-sale securities	552	(322)
Deferred gains or losses on hedges	(3)	(12)
Foreign currency statements translation adjustment	1,388	(1,324)
Remeasurements of defined benefit plans	(72)	(284)
Share of other comprehensive income of associates accounted for using equity method	577	3,168
Total other comprehensive Income	2,443	1,224
Comprehensive income	40,680	41,195
Comprehensive income attributable to owners of the parent	37,669	40,182
Comprehensive income attributable to non-controlling interests	3,011	1,012

## 3.Segment Information

(Billions of yen, rounded down)

				(Billio
		FY 2017	FY 2018	
		1H	1H	Change
Net sales		302.9	328.3	25.4
	Natural Gas Chemicals	78.9	92.5	13.6
	Aromatic Chemicals	105.0	107.3	2.2
	Specialty Chemicals	97.9	106.1	8.1
	Information and Advanced Materials	25.2	27.1	1.9
	Other and Adjustment	(4.3)	(4.8)	(0.5)
Operating	income (loss)	30.2	28.9	(1.3)
	Natural Gas Chemicals	1.8	3.2	1.4
	Aromatic Chemicals	13.9	10.1	(3.7)
	Specialty Chemicals	13.4	14.1	0.7
	Information and Advanced Materials	2.0	2.5	0.4
	Other and Adjustment	(0.9)	(1.1)	(0.2)
Non-opera	iting profit	11.7	17.5	5.8
Ordinary in	ncome	42.0	46.5	4.5
	Natural Gas Chemicals	8.2	15.7	7.4
	Aromatic Chemicals	13.5	9.7	(3.7)
	Specialty Chemicals	17.2	17.8	0.6
	Information and Advanced Materials	2.9	3.0	0.0
	Other and Adjustment	0.0	0.1	0.0

/en, rounded down)							
FY2017	FY 2018						
Full Year	Full Year						
Result	Forecast						
635.9	660.0						
174.7	190.0						
213.1	215.2						
205.0	213.4						
52.7	52.2						
(9.8)	(10.9)						
62.7	48.0						
5.4	4.8						
25.6	17.3						
29.6	24.0						
4.2	4.5						
(2.2)	(2.7)						
17.9	31.0						
80.7	79.0						
14.2	28.4						
24.5	16.4						
37.9	29.4						
5.5	5.6						
(1.6)	(0.9)						

## 4.Other Information 1

		FY2014	FY2015	FY2016	FY2017	FY2018 Forecast
Investments	Full year	22.2	30.5	35.0	30.9	45.0
(Billions of yen)	1H	10.3	14.9	13.7	13.9	18.6
Depreciation & amortization (Billions of yen)	Full year	23.7	26.7	25.6	27.0	27.0
	1H	11.5	13.1	12.2	13.1	13.5
R&D expenditures	Full year	16.8	18.9	19.2	18.9	20.0
(Billions of yen)	1H	8.0	9.2	9.6	9.5	9.1
Number of Staff	Year-end	8,254	8,176	8,034	8,009	8,172
ROA (Ordinary income)	-	5.8%	5.9%	8.4%	10.6%	9.8%
ROE (Net income)		12.6%	9.0%	12.0%	13.6%	12.7%

## 5.Other Information 2

	FY2	FY2014 FY2015 FY2016		FY2015		2016	FY2017		FY2018	
	Re	sult	Re	sult	Re	sult	Res	sult	Result	Forecast
	First half	Second half	First half	Second half	First half	Second half	First half	Second half	First half	Second half
Exchange Rate (JPY/USD, Average)	103	117	122	118	105	112	111	111	110	110
Exchange Rate (JPY/EUR, Average)	139	139	135	130	118	119	126	133	130	130
crude oil (Dubai) (USD/BBL)	104	63	56	36	43	51	50	62	73	80
Methanol (USD/MT, Asian average spot price)	432	358	301	230	230	327	296	381	408	390
Mixed Xylene (USD/MT)	1,100	730	740	630	660	680	650	725	845	910
Bisphenol A	1,600	1,200	950	850	1,000	1,000	1,100	1,200	1,600	1,500
(USD/MT)*	~2,000	~1,900	<b>∼</b> 1,500	~1,100	~1,200	<b>~</b> 1,400	~1,300	~1,700	~1,900	~1,800
Polycarbonate	2,500	2,300	2,100	2,000	2,200	2,400	2,500	2,900	2,700	2,200
(USD/MT)*	~2,700	~2,700	~2,650	~2,400	~2,500	~2,800	~2,900	~3,900	~3,800	~2,800

<sup>\*</sup>Describe the minimum and maximum values during the period

Note: Methanol price forecasts are expressed for the following periods.

FY2014:

1H:January-June

2H:July-December

FY2015:

1H:April-September

2H:October-March

## **Qualitative Information**

# Consolidated Business Results for This Period Overview of Results

(Billions of yen)

	FY2017 / 1H	FY2018 / 1H	Change
Net sales	302.9	328.3	25.4
Operating income	30.2	28.9	(1.3)
Ordinary income	42.0	46.5	4.5
Net income attributable to owners of	35.4	27.0	2.4
the parent	35.4	37.9	2.4

During the first six months of the fiscal year ending March 2019 (April 1 - September 30, 2018), the world economy has continued to show signs of a slow recovery. However, concerns over trade friction, rising crude oil prices and the financial and capital markets added to economic uncertainty. The Japanese economy also manifested signs of a slow recovery. Despite increased costs for production and logistics due to higher crude oil prices and a labor shortage, employment and private income continued to improve.

The MGC Group benefited from generally brisk demand and continued high levels of methanol market prices. At the same time, however, the Group saw changes in the environment. While raw material and fuel prices increased, market prices of polycarbonates and purified isophthalic acid began to decline after remaining at high levels.

Against this backdrop, the MGC Group followed the Group Vision of "Creating values to share with society" in a bid to improve its corporate value. In the first fiscal year of the MGC Advance 2020 Medium-term Management Plan, the Group moved ahead with the plan's basic policies: "strengthening the earning power of existing businesses with a focus on the core businesses," "creating and developing new businesses" and "implementing investment strategies to form an optimal business portfolio."

The MGC Group increased net sales compared with the corresponding period of the previous year, primarily because the market prices of methanol maintained high levels and sales volumes remained solid as a whole.

Operating income fell from the same six-month period last year. While polycarbonate market prices were higher and sales volumes for specialty polycarbonates and BT materials increased, foamed plastics suffered from higher fuel and raw material prices and the market prices of purified isophthalic acid declined.

Overseas methanol producing companies and engineering plastics affiliates contributed to increasing equity in earnings of affiliates, resulting in a gain in ordinary income.

## **Results by Business Segment**

### **Natural Gas Chemicals**

(Billions of yen)

	FY2017 / 1H	FY2018 / 1H	Change
Sales	75.2	88.1	12.8
Operating income	1.8	3.2	1.4
Ordinary income	8.2	15.7	7.4

The methanol business grew in both revenue and earnings due to a substantial increase in methanol market prices compared with the same period of the previous year.

Methanol and ammonia-based chemicals had higher revenue due to an overall increase in sales volumes and an increase in the market prices of MMA-based products. Earnings from these chemicals, however, remained at the prior-year level, due to higher raw material prices.

Crude oil and other energy sources achieved prior-year-level earnings. Despite a crude oil price increase, crude oil sales volume dropped.

### **Aromatic Chemicals**

(Billions of yen)

	FY2017 / 1H	FY2018 / 1H	Change
Sales	104.6	107.1	2.4
Operating income	13.9	10.1	(3.7)
Ordinary income	13.5	9.7	(3.7)

Specialty aromatic chemical products posted growth in both revenue and earnings compared with the previous year. The negative impact of higher raw material and fuel prices was more than offset by solid sales for meta-xylenediamine and aromatic aldehydes.

General-purpose aromatic chemical products suffered lower earnings. Negative influences included reduced profitability due to an increase in raw material and fuel prices and lower market prices of purified isophthalic acid.

Foamed plastics declined in earnings primarily due to higher raw material and fuel prices.

## **Specialty Chemicals**

(Billions of yen)

	FY2017 / 1H	FY2018 / 1H	Change
Sales	97.5	105.5	8.0
Operating income	13.4	14.1	0.7
Ordinary income	17.2	17.8	0.6

Higher sales volumes increased net sales of inorganic chemicals, which unfortunately posted lower earnings due to increasing competition in liquid chemicals used for semiconductors and LCD displays.

The engineering plastics business increased both revenue and earnings. Despite a lower sales volume for films used in flat panel displays and higher prices of raw materials for polyacetal, these plastics benefited from growth in sales volumes for specialty polycarbonates used in smartphone camera lenses and a year-on-year increase in polycarbonate market prices.

## **Information & Advanced Materials**

(Billions of yen)

	FY2017 / 1H	FY2018 / 1H	Change
Sales	25.2	27.1	1.9
Operating income	2.0	2.5	0.4
Ordinary income	2.9	3.0	0.0

Electronic materials achieved growth in both revenue and earnings, primarily due to steady sales volume for BT materials for semiconductor packaging, which are the core product category for the sub-segment. Oxygen absorbers such as AGELESS® dropped in earnings, primarily due to increasing competition in the domestic food market and inventory adjustments implemented by overseas customers.

### **Consolidated Business Forecasts**

Revision of non-consolidated business forecasts

Half year ending September 30, 2018 (April 1, 2018 — September 30, 2018)

(Billions of yen)

	Net sales	Operating income	Ordinary income	Net income attributable to owners of the parent	Net income per share (¥)
Previously announced forecasts (A)	185.0	13.0	20.0	17.0	79.59
Result (B)	193.1	16.7	27.2	22.7	106.67
Change (B – A)	8.1	3.7	7.2	5.7	-

The final non-consolidated financial results for the first six months of the fiscal year ending March 2019 (fiscal 2018) have generated differences from the forecasts announced on May 9, 2018. Some repair costs will be carried over to the second half of the fiscal year, and the research and development cost has been found to be lower than initially estimated. Another reason is that the posting of part of the dividends received from equity method companies was moved up to the first half of the fiscal year.

Revision of consolidated business forecasts

Full fiscal year 2018 (April 1, 2018 — March 31, 2019)

(Billions of yen)

	Net sales	Operating income	Ordinary income	Net income attributable to owners of the parent	Net income per share (¥)
Previously announced forecasts (A)	640.0	53.0	75.0	61.0	285.57
Revised forecasts (B)	660.0	48.0	79.0	62.0	290.22
Change (B – A)	20.0	(5.0)	4.0	1.0	-

Consolidated operating income for fiscal 2018 will be less than the corresponding previous forecast due to higher fuel and raw material prices and declining polycarbonate market prices. By contrast, a review of equity in earnings of affiliates now enables us to expect higher ordinary income compared with the previous forecast, which is primarily due to methanol market prices remaining at high levels. The above performance forecasts assume exchange rates of ¥110=\$1 and ¥130=€1, both unchanged from the previous forecasts, for the unelapsed months of the fiscal year.

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