TSE:9531

FY2017 3Q Financial Results ended Dec. 31, 2017

TOKYO GAS

January 31, 2018

1. FY2017 3Q Consolidated Financial Results

ended Dec. 31, 2017



FY2017 3Q Consolidated Financial Results (Apr. 1, 2017 – Dec. 31, 2017) <vs. FY2016 3Q>

Highlights	: Sale	s Up	, Profit Up	(+ - +/- indicate impact on profit, billion yen)
Net sales	+135.4	: #	City gas (+79.2: Increase in unit price due to resource cost adjus Electric power (+50.1: Increase in electricity sales volume. etc.)	
		+	Overseas (+13.4: Increase in sales from upstream projects, etc.)
Operating expenses	-95.5	: - -	City gas (-55.2: Increase in unit price from economic framework a decrease in fixed costs due to actuarial differences, e Electric power (-44.7: Increase in expenses associated with incr	tc.)
Operating profit	+39.9	: + +	City gas (+24.1: Decrease in fixed costs due to decrease in actual Electric power (+5.4: Increase in gross margin due to increase in	
Extraordina	rv	+	Overseas (+4.5: Increase in profit from upstream projects, etc.)	
profit/loss	+0.9	: +	FY2017 3Q 3.8: Gain on sale of non-current assets +3.2, gain or FY2016 3Q -2.9 Gain on sale of investment securities	
				(billion yen)

Electricity sales volume (million kWh) 10,492 9,266 +1,226 +13.2 (Breakdown) Retail sales (million kWh, receiving end) 2,912 1,311 +1,601 +122.1 (Breakdown) Other sales (million kWh) 7,580 7,955 -375 -4.7 Net sales 1,221.4 1,086.0 +135.4 +12.5 Operating expenses 1,153.4 1,057.9 +95.5 +90.0 Operating profit 68.0 28.1 +39.9 +141.6 Segment profit (operating profit + equity income of subsidiaries) 68.9 29.8 +39.1 +131.4 Extraordinary profit(¹) 53.8 2.9 +0.9 - - Profit attributable to owners of parent 48.3 17.4 +30.9 +177.3 Siding time lag effect (city gas, LNG sales) ⁽³⁾ -9.2 -2.0 -7.2 - Adjusted ordinary income ⁽¹)/(2)#(3)#(4) Adjusted ordinary income ⁽¹)/(2)#(3)#(4) Avg. air temp. (°C) - - - - - - - - - -									
Electricity sales volume (million kWh) 10,492 9,266 +1,226 +13.2 (Breakdown) Retail sales (million kWh, receiving end) 2,912 1,311 +1,601 +122.1 (Breakdown) Other sales (million kWh) 7,580 7,955 -375 -4.7 Net sales 11,221.4 1,008.0 +135.4 +12.5 Operating expenses 11,153.4 1,057.9 +95.5 +90.0 Operating profit 68.0 28.1 +39.9 +141.6 Segment profit (operating profit + equity income of subsidiaries) 68.9 29.8 +39.1 +131.4 Cordinary profit ⁽¹⁾ - - 65.3 25.5 +439.8 +165.4 Extraordinary profit ⁽¹⁾ - - 65.3 29.9 +0.9 - Profit attributable to owners of parent 48.3 17.4 +30.9 +177.3 Siding time lag effect (city gas, LNG sales) ⁽³⁾ - 9.2 -2.0 -7.2 - Adjusted ordinary income ⁽¹⁾ (¹ / ₂) ⁽⁴ (³ / ₁) Exchange rate (WS) Crud					FY2017 3	Q	FY2016 3Q	Change	%
Retail sales (million kWh, receiving end) 2,912 1,311 +1,601 +122.1 (Breakdown) Other sales (million kWh) 7,580 7,955 375 4.7 Net sales 1,221.4 1,086.0 +135.4 +12.5 Operating expenses 1,153.4 1,057.9 +90.5 +9.0 Operating profit 68.0 28.1 +39.9 +141.6 Segment profit (operating profit + equity income of subsidiaries) 68.9 29.8 +39.1 +131.4 Ordinary profit ⁽¹⁾ 65.3 25.5 +39.8 +155.4 Extraordinary profit ⁽¹⁾ 65.3 25.5 +39.8 +175.4 Extraordinary profit ⁽¹⁾ 48.3 1.7.4 +30.9 +177.3 Temperature effect ⁽²⁾ 2.5 -3.7 +6.2 - Sliding time lag effect (city gas, LNG sales) ⁽³⁾ -9.2 -2.0 -7.2 - Adjusted ordinary income ⁽¹⁾ (¹ / ₂) ⁽¹ / ₃) ⁽⁴⁾) 66.3 48.9 +17.4 +35.5 Economic framework Exchange rate (#/\$) Crude oil pric	Gas sales volume (million m ³ , 45MJ)					10,933	11,086	-153	-1.4%
Other sales (million kWh) 7,580 7,955 -375 -4.7 Net sales 1,221.4 1,086.0 +135.4 +12.5 Operating expenses 1,153.4 1,057.9 +95.5 +9.0 Operating profit 68.0 28.1 +39.9 +141.6 Segment profit (operating profit + equity income of subsidiaries) 66.3 25.5 +39.8 +155.4 Ordinary profit ⁽¹⁾ 65.3 25.5 +39.8 +155.4 Extraordinary profit ⁽¹⁾ 65.3 25.5 +39.8 +155.4 Extraordinary profit ⁽¹⁾ 3.8 2.9 +0.9 - Profit attributable to owners of parent 48.3 17.4 +30.9 +177.3 Temperature effect ⁽²⁾ 2.5 -3.7 +6.2 - Sliding time lag effect (city gas, LNG sales) ⁽³⁾ -9.2 -2.0 -7.2 - Adjusted ordinary income ⁽⁽¹⁾ (²⁾ H ⁽³⁾ H ⁽⁴⁾) 44.89(+8.97) - - - - - - - - - - - -	Electricity sales vol	ume (million kWh)				10,492	9,266	+1,226	+13.2%
Net sales Other sales (million kWh) 7,580 7,955 375 4.7 Net sales 1,221.4 1,086.0 +135.4 +12.5 Operating expenses 1,153.4 1,057.9 +95.5 +9.0 Operating profit 68.0 28.1 +39.9 +141.6 Segment profit (operating profit + equity income of subsidiaries) 68.9 29.8 +39.1 +131.4 Ordinary profit/los 65.3 25.5 +39.8 +155.4 Extraordinary profit/loss 3.8 2.9 +0.0 - Profit attributable to owners of parent 48.3 17.4 +30.9 +177.3 Temperature effect ⁽²⁾ 2.5 -3.7 +6.2 - Sliding time lag effect (city gas, LNG sales) ⁽³⁾ -9.2 -2.0 -7.72 - Adjusted ordinary income ⁽¹⁾ (H ²⁾ +(³⁾ +(4) 44.89(+8.97) 48.3 48.9 +17.4 +35.5 Economic framework Exchange rate (H/8) Crude oil price (S/bbl) Avg. air temp. (°C) Pension assets Investment yield (costs deducted) <td< td=""><td>(Breekdewn)</td><td>Retail</td><td>sales (million kWh, red</td><td>ceiving end)</td><td></td><td>2,912</td><td>1,311</td><td>+1,601</td><td>+122.1%</td></td<>	(Breekdewn)	Retail	sales (million kWh, red	ceiving end)		2,912	1,311	+1,601	+122.1%
Operating expenses 1,153.4 1,057.9 +95.5 +90.0 Operating profit 68.0 28.1 +39.9 +141.6 Segment profit (operating profit + equity income of subsidiaries) 68.9 29.8 +39.1 +131.4 Ordinary profit(1) - 65.3 25.5 +39.8 +165.4 Extraordinary profit/loss 3.8 2.9 +0.9 - Profit attributable to owners of parent 48.3 17.4 +30.9 +177.3 Temperature effect(2) 5.3.7 +6.2 - - Sliding time lag effect (city gas, LNG sales) ⁽³⁾ - - - - - Adjusted ordinary income(1)(2)(3)(40) 44.89(8.97) 19.5(-0.6) -	(Breakdown)		Other sales (n	nillion kWh)		7,580	7,955	-375	-4.7%
Operating profit 68.0 28.1 +39.9 +141.6 Segment profit (operating profit + equity income of subsidiaries) 68.9 29.8 +39.1 +131.4 Ordinary profit ⁽¹⁾ 65.3 25.5 +39.8 +155.4 Extraordinary profit/loss 3.8 2.9 +0.9 4.1 Profit attributable to owners of parent 48.3 17.4 +30.9 +177.3 Temperature effect ⁽²⁾ 2.5 -3.7 +62 4.1 Sliding time lag effect (city gas, LNG sales) ⁽³⁾ -9.2 2.0 -7.2 4.1 Adjusted ordinary income ^{((1),(2),(3),(4))} 66.3 48.9 +17.4 +35.5 Economic framework Exchange rate (¥/\$) Crude oil price (\$/bbl) Avg. air temp. (°C) Pension assets Investment yield (costs deducted) Year-end assets (billion yen) FY2016 3Q 106.65(+5.04) 44.89(+8.97) 19.5(-0.6) FY2017 3Q cumulative 1.59% 275.0	Net sales					1,221.4	1,086.0	+135.4	+12.5%
Segment profit (operating profit + equity income of subsidiaries) 68.9 29.8 +39.1 +131.4 Ordinary profit ⁽¹⁾ 65.3 25.5 +39.8 +155.4 Extraordinary profit/loss 3.8 2.9 +0.9 - Profit attributable to owners of parent 48.3 17.4 +30.9 +177.3 Temperature effect ⁽²⁾ 2.5 -3.7 +6.2 - Sliding time lag effect (city gas, LNG sales) ⁽³⁾ -9.2 -2.0 -7.2 - Amortization of actuarial differences ⁽⁴⁾ 53.86 18.9 +177.4 +35.5 Economic framework Exchange rate (#/\$) Crude oil price (\$/bbl) Avg. air temp. (°C) Pension assets Investment yield (costs deducted) Year-end assets (billion yen) FY2017 3Q 111.69 53.86 18.9 FY2017 3Q cumulative 1.59% 275.0	Operating expenses	6				1,153.4	1,057.9	+95.5	+9.0%
Ordinary profit ⁽¹⁾ 65.3 25.5 +39.8 +155.4 Extraordinary profit/loss 3.8 2.9 +0.9 - Profit attributable to owners of parent 48.3 17.4 +30.9 +177.3 Temperature effect ⁽²⁾ 2.5 -3.7 +6.2 - Sliding time lag effect (city gas, LNG sales) ⁽³⁾ -9.2 -2.0 -7.2 - Amortization of actuarial differences ⁽⁴⁾ 5.7 -17.7 +23.4 - Adjusted ordinary income ⁽⁽¹⁾⁻⁽²⁾⁺⁽³⁾⁺⁽⁴⁾⁾ 66.3 48.9 +17.4 +35.5 Economic framework Exchange rate (¥/\$) Crude oil price (\$/bbl) Avg. air temp. (°C) Pension assets Investment yield (costs deducted) Year-end assets (billion yen) FY2017 3Q 111.69 53.86 18.9 FY2017 3Q cumulative 1.59% 275.0	Operating profit					68.0	28.1	+39.9	+141.6%
Extraordinary profit/loss 3.8 2.9 +0.9 40.9 Profit attributable to owners of parent 48.3 17.4 +30.9 +177.3 Temperature effect(2) 2.5 -3.7 +6.2 - Sliding time lag effect (city gas, LNG sales)(3) -9.2 -2.0 -7.2 - Amortization of actuarial differences(4) 5.7 -17.7 +23.4 - Adjusted ordinary income((1)-(2)+(3)+(4)) 66.3 48.9 +17.4 +35.5 Economic framework Exchange rate (¥/\$) Crude oil price (\$/bbl) Avg. air temp. (°C) Pension assets Investment yield (costs deducted) Year-end assets FY2017 3Q 106.65(+5.04) 44.89(+8.97) 19.5(-0.6) FY2017 3Q cumulative 1.59% 275.0	Segment profit (ope	erating profit + equity	/ income of subsidiarie	es)		68.9	29.8	+39.1	+131.4%
Profit attributable to owners of parent 48.3 17.4 +30.9 +177.3 Temperature effect ⁽²⁾ 2.5 -3.7 +6.2 - Sliding time lag effect (city gas, LNG sales) ⁽³⁾ -9.2 -2.0 -7.2 - Amortization of actuarial differences ⁽⁴⁾ 5.7 -17.7 +23.4 - Adjusted ordinary income ⁽⁽¹⁾⁻⁽²⁾⁺⁽³⁾⁺⁽⁴⁾⁾ 66.3 48.9 +17.4 +35.5 Economic framework Exchange rate (¥/\$) Crude oil price (\$/bbl) Avg. air temp. (°C) Pension assets Investment yield (costs deducted) Year-end assets (billion yen) FY2017 3Q 106.65(+5.04) 44.89(+8.97) 19.5(-0.6) FY2017 3Q cumulative 1.59% 275.0	Ordinary profit ⁽¹⁾					65.3	25.5	+39.8	+155.4%
Temperature effect ⁽²⁾ 2.5 -3.7 +6.2 5.7 Sliding time lag effect (city gas, LNG sales) ⁽³⁾ -9.2 -2.0 -7.2 5.7 Amortization of actuarial differences ⁽⁴⁾ 5.7 -17.7 +23.4 5.7 Adjusted ordinary income ⁽⁽¹⁾⁻⁽²⁾⁺⁽³⁾⁺⁽⁴⁾⁾ 66.3 48.9 +17.4 +35.5 Economic framework Exchange rate (¥/\$) Crude oil price (\$/bbl) Avg. air temp. (°C) Pension assets Investment yield (costs deducted) Year-end assets (billion yen) FY2017 3Q 111.69 53.86 18.9 FY2017 3Q cumulative 1.59% 275.0	Extraordinary profit/loss					3.8	2.9	+0.9	
Sliding time lag effect (city gas, LNG sales)Sliding time lag effect (city gas, LNG sales) 3 -9.2 -2.0 -7.2 -7.2 Amortization of actuarial differences(4) 5.7 -17.7 $+23.4$ -17.7 $+23.4$ -17.7 $+23.4$ -17.7 $+23.4$ -17.7 $+23.4$ -17.7 $+35.5$ Adjusted ordinary income((1)-(2)+(3)+(4))Crude oil price (\$/bbl)Avg. air temp. (°C)Pension assetsInvestment yield (costs deducted)Year-end assetsFY2017 3Q111.69 53.86 18.9 $19.5(-0.6)$ FY2017 3Q cumulative 1.59% 275.0	Profit attributable to	o owners of parent				48.3	17.4	+30.9	+177.3%
Amortization of actuarial differences ⁽⁴⁾ 5.7 -17.7 +23.4 Adjusted ordinary income ⁽⁽¹⁾⁻⁽²⁾⁺⁽³⁾⁺⁽⁴⁾⁾ 66.3 48.9 +17.4 +35.5 Economic framework Exchange rate (¥/\$) Crude oil price (\$/bbl) Avg. air temp. (°C) Pension assets Investment yield (costs deducted) Year-end assets (billion yen) FY2017 3Q 111.69 53.86 18.9 FY2017 3Q cumulative 1.59% 275.0	Temperature effect	2)				2.5	-3.7	+6.2	
Adjusted ordinary income((1)-(2)+(3)+(4)) Crude oil price (\$/bbl) Avg. air temp. (°C) 66.3 48.9 +17.4 +35.5 Economic framework Exchange rate (\$/\$) Crude oil price (\$/bbl) Avg. air temp. (°C) Pension assets Investment yield (costs deducted) Year-end assets (billion yen) FY2017 3Q 111.69 53.86 18.9 FY2017 3Q cumulative 1.59% 275.0	Sliding time lag effe	ect (city gas, LNG sa	les) ⁽³⁾			-9.2	-2.0	-7.2	_
Economic frameworkExchange rate (¥/s)Crude oil price (\$/bbl)Avg. air temp. (°C)FY2017 3Q111.6953.8618.9FY2016 3Q106.65(+5.04)44.89(+8.97)19.5(-0.6)FY2017 3Q cumulative1.59%275.0	Amortization of act	uarial differences ⁽⁴⁾				5.7	-17.7	+23.4	
FY2017 3Q 111.69 53.86 18.9 Pension assets (costs deducted) (billion yen) FY2016 3Q 106.65(+5.04) 44.89(+8.97) 19.5(-0.6) FY2017 3Q cumulative 1.59% 275.0	Adjusted ordinary income ⁽⁽¹⁾⁻⁽²⁾⁺⁽³⁾⁺⁽⁴⁾⁾				66.3	48.9	+17.4	+35.5%	
FY2016 3Q 106.65(+5.04) 44.89(+8.97) 19.5(-0.6) FY2017 3Q cumulative 1.59% 275.0		,	,	-	,		Pension assets		Year-end assets (billion yen)
							FY2017 3Q cumulative	, , , , , , , , , , , , , , , , , , ,	
Expected annual rate of return: 27		Figures in	parentheses () indicate yea	ar-on-year incre	ease/decrease.				al rate of return: 2%

FY2017 3Q Consolidated Gas / Electricity Sales Volume <vs. FY2016 3Q>



(Unit: million m³)

	FY2017 3Q Results	FY2016 3Q Results	Change
Gas sales volume (financial accounting basis)	10,933	11,086	-153 -1.4%
Gas volume used in-house under tolling arrangement	1,510	1,474	+36 +2.5%
LNG sales volume (m ³ basis)	953	938	
	12.200	12.400	+1.6%
Total	13,396	13,498	-102 -0.8%

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FY2017 3Q Results : Sales and Operating Profit/Loss by Business Segments <vs. FY2016 3Q >

(unit : billion yen)

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	Net Sales				(Operating)	Segment profit + Equity in		bsidiary)
	FY2017 3Q Results	FY2016 3Q Results	Change	%	FY2017 3Q Results	FY2016 3Q Results	Change	%
City Gas	786.3	707.1	79.2	11.2	63.6	39.5	24.1	60.7
Electric Power	150.8	100.7	50.1	49.8	8.0	2.6	5.4	209.3
Overseas business	33.0	19.6	13.4	68.1	6.2	2.4	3.8	157.2
Energy-related	327.3	316.5	10.8	3.4	10.0	10.2	-0.2	-1.9
(Engineering Solutions)	80.5	73.8	6.7	9.1	1.4	3.0	-1.6	-50.9
(LNG sales)	73.0	65.5	7.5	11.4	1.3	4.1	-2.8	-67.8
Real estate	31.6	30.9	0.7	2.1	6.6	6.6	0.0	0.4
Others	63.8	61.6	2.2	3.6	2.7	2.0	0.7	36.1
Adjustment	-171.6	-150.6	-21.0	_	-28.5	-33.8	5.3	_
Consolidated	1,221.4	1,086.0	135.4	12.5	68.9	29.8	39.1	131.4

Notes: • Net sales by business segments include internal transactions.

• "Energy-related" includes businesses in engineering solutions, liquefied petroleum gas, industrial gas, LNG sales, gas appliances sales, gas pipe installation and construction etc.

• "Others" includes businesses in shipping, information processing service, credit and leasing, etc.

• The "Adjustment" to operating profit is primarily companywide expenses not allocated to individual segments.

FY2017 3Q Results: Ordinary Profit Analysis <vs. FY2016 3Q>



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2. FY2017 Full Year Forecast



FY2017 Forecast (Apr. 1, 2017 - Mar. 31, 2018) <vs. Previous Forecast (Released Oct.27)>

Highlights: Sales Up, Profit Up on Previous Forecast (Released Oct. 27)

(+ - +/- indicate impact on profit, billion yen)

(billion yen)

• The economic framework reflects final figures for 3Q and assumes an exchange rate of ¥115.0 to the dollar (per the original forecast) and crude oil price of \$60/bbl (changed from \$55 in the original forecast) from 4Q onward.

Net sales	+10.0 :	+	City gas (+13.9: Increase in gas sales volume, etc.)
		-	Energy-related (-3.4: Appliances -2.2, engineering solutions -0.9, etc.)
Operating	+9.0 :	+	City gas (+4.8: Increase in sales volume, decrease in unit price due to resources cost adjustment, etc.)
profit		+	Others (+0.8: Increase in shipping +0.4, etc.)
		+	Electric power (+0.6: Decrease in various expenses, etc.)
		+	Overseas (+0.5 : Increase in profit from upstream projects, etc.)
Extraordinar	'V	+	Real estate (+0.5: Decrease in maintenance costs, etc.)
income/loss	•	+	gain on sale of investment securities+2.9, impairment loss-2.3

Previous FY2016 Current % % Forecast Change Change Forecast Results (10/27)15.509 15.347 +162 +1.1%15,720 -211 -1.3% Gas sales volume (million m³, 45 MJ) 12,654 14.578 14.824 -246 -1.7% +1.924+15.2% Electricity sales volume (million kWh) Net sales 1.805.0 1.795.0 +10.0+0.6% 1,587.0 +218.0+13.7% 1,528.7 1,708.0 1,707.0 +1.0+0.1%+179.3 +11.7% Operating expenses 58.3 97.0 88.0 +9.0 +10.2% +38.7+66.2% Operating profit Seament profit 61.9 98.8 89.1 +9.7+10.9% +36.9+59.5% (operating profit + equity income/loss of subsidiary) 92.0 83.0 +9.0 +10.8% 55.6 +36.4+65.2% Ordinary profit⁽¹⁾ 4.0 3.4 13.3 +0.6-9.3 Extraordinary income/loss 70.0 63.0 +7.0+11.1% 53.1 +16.9+31.7% Profit attributable to owners of parent -7.4 2.5 -1.7 4.2 +9.9 Temperature effect⁽²⁾ _ Sliding time lag effect (city gas, LNG sales)(3) -34.1 -28.8 -5.3 -19.9 -14.2 _ _ 7.7 -24.0 7.7 0.0 +31.7Amortization of actuarial differences⁽⁴⁾ _ _ +10.1 106.9 115.9 105.8 +9.6% +9.0 +8.4% Adjusted ordinary profit⁽¹⁾⁻⁽⁽²⁾⁺⁽³⁾⁺⁽⁴⁾⁾ Discount rate

Economic framework		Exchange rate (¥/\$)	Crude oil price (\$/bbl)	Avg. air temp. (°C)	Pension assets	Investment yield (costs deducted)	Annuity	Lump-sum	Year-end assets (billion yen)
	rent forecast*	112.52	55.40	15.8			portion	portion	(billion yen)
			53.19 (+2.21)	16.0 (-0.2)	FY2016	1.57%	0.389%	0.055%	277.0
			. ,	FY2015	2.92%	0.236%	0.000%	281.0	
FY2	2016 result	108.38 (+4.14)	47.51 (+7.89)	16.3 (-0.5)					
*4Q:¥115.00/\$, \$60.00/bbl		Figures in p	arentheses show change from	n prior forecast.	FY2014	5.57%	0.829%	0.358%	281.0

FY2017 Full Year Forecast ; Consolidated Gas Sales Volume / Electricity Sales Volume



• Gas Sales Volume (Vision Basis)

(Unit : mil. m³)

	FY2017 Current Forecast	FY2017 Previous Forecast	Change	FY2016 Results	Change
Gas Sales Volume (financial accounting basis)	15,509	15,347	+162	15,720	-211 -1.3%
Gas volume used in-house under tolling agreement	2,026	2,056	-30	1,996	+30 +1.5%
LNG sales (m ³ basis)	1,423	1,406	+17 +1.3%	1,337	+86 +6.4%
Total	18,958	18,809	+149 +0.8%	19,053	-95 -0.5%

FY2017 Full Year Forecast : Sales and Profit/Loss by Business Segments

<vs. Previous Forecast>

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(unit : billion yen)	
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	Net Sales				Segment Profit (Operating profit + Equity income/loss of subsidiary)			
	Current Forecast	Previous Forecast	Change	%	Current Forecast	Previous Forecast	Change	%
City Gas	1,149.9	1,136.0	-13.9	1.2	100.1	95.3	4.8	5.0
Electric Power	214.2	216.2	-2.0	-0.9	9.8	9.2	0.6	6.5
Overseas business	42.9	43.4	-0.5	-1.2	6.7	5.5	1.2	21.8
Energy-related	499.2	502.6	-3.4	-0.7	7.7	8.3	-0.6	-7.2
(Engineering solutions)	120.7	121.6	-0.9	-0.7	2.6	4.0	-1.4	-35.2
(LNG sales)	124.2	122.8	-1.4	1.1	-0.4	0.5	-0.9	-180.1
Real estate	43.1	42.8	0.3	0.7	8.3	7.8	0.5	6.4
Others	94.0	95.0	-1.0	-1.1	4.6	3.8	0.8	21.1
Adjustment	-238.3	-241.0	2.7	_	-38.4	-40.8	2.4	_
Total	1,805.0	1,795.0	10.0	0.6	98.8	89.1	9.7	10.9

Notes: • Net sales by business segments include internal transactions.

• "Energy-related" includes businesses in engineering solutions, liquefied petroleum gas, industrial gas, LNG sales, gas appliances sales, gas pipe installation and construction etc.

• "Others" includes businesses in shipping, information processing service, credit and leasing, etc.

• The "Adjustment" to operating profit is primarily companywide expenses not allocated to individual segments.

<vs. FY2017 Previous Forecast>





FY2017 Full Year Forecast : Sales and Profit/Loss by Business Segments

<vs. FY2016 Results>

(unit : billion yen)

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	Net Sales				Segment Income (Operating profit + Equity income/loss of subsidiar			
	Current Forecast	FY2016 Results	Change	%	Current Forecast	FY2016 Results	Change	%
City Gas	1,149.9	1,040.0	109.9	10.6	100.1	76.5	23.6	30.8
Electric Power	214.2	145.7	68.5	46.9	9.8	4.4	5.4	120.0
Overseas business	42.9	31.9	11.0	34.3	6.7	4.4	2.3	52.2
Energy-related	499.2	459.5	39.7	8.6	7.7	13.7	-6.0	-44.2
(Engineering solutions)	120.7	111.6	9.1	8.1	2.6	4.9	-2.3	-47.0
(LNG sales)	124.2	91.2	33.0	36.2	-0.4	3.3	-3.7	-112.1
Real estate	43.1	41.4	1.7	4.1	8.3	7.8	0.5	5.7
Others	94.0	89.0	5.0	5.5	4.6	3.2	1.4	43.4
Adjustment	-238.3	-220.7	-17.6	_	-38.4	-48.2	9.8	_
Total	1,805.0	1,587.0	218.0	13.7	98.8	61.9	36.9	59.5

Notes: • Net sales by business segments include internal transactions.

• "Energy-related" includes businesses in engineering solutions, liquefied petroleum gas, industrial gas, LNG sales, gas appliances sales, gas pipe installation and construction etc.

• "Others" includes businesses in shipping, information processing service, credit and leasing, etc.

• The "Adjustment" to operating profit is primarily companywide expenses not allocated to individual segments.

FY2017 Forecast: Ordinary Profit Analysis <vs. FY2016 Results>



*+/- indicate contributions to profit.

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(unit: billion yen)

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	FY2017 Forecast	FY2016 Results	FY2015 Results
Total assets (a)	2,322.0	2,230.2	2,251.5
Shareholders' equity (b)	1,138.0	1,101.4	1,100.2
Shareholders' equity ratio (b)/(a)	49.0%	49.4%	48.9%
Interest-bearing debt (c)	768.0	713.5	715.7
D/E ratio (c)/(b)	0.67	0.65	0.65
Profit attributable to owners of parents (d)	70.0	53.1	111.9
Depreciation (e)	165.0	164.3	145.1
Operating cash flow (d) + (e)	235.0	217.4	257.1
Сарех	239.0	203.3	232.0
ROA: (d) / (a)	3.1%	2.4%	5.0%
ROE: (d) / (b)	6.3%	4.8%	10.3%
TEP	14.9	-6.2	67.6
WACC	2.9%	3.0%	3.4%
Total payout ratio	Approx. 60%	60.7%	60.1%

Note: Shareholders' equity = Net assets - minority interests

ROA = Net profit / Total assets (average of the amounts as of the end of the previous period and end of the current period)

ROE = Net profit / Shareholders' equity (average of the amounts as of the end of the previous period and end of the current period)

Balance sheet figures are as of the corresponding term-end

Operating cash flow = Net profit + Depreciation (including depreciation of long-term prepaid expenses)

Total payout ration= [FY-N dividends + FY-(N+1) treasury stock purchased] / FY-N consolidated net profit

TEP (Tokyo Gas Economic Profit) : Profit after taxes and before interest payments – Cost of capital (invested capital × WACC))

Items for WACC calculation (FY2017 forecast)

Cost of interest-beating debt : forecast interest rate (1.11%, after tax)
Cost rate for shareholders' equity

• Risk free rate : 10-year JGB yield 0.11%

•Market Risk premium : 5.5% β: 0.75

3. Reference Materials



Impact of rising JCC by \$1/bbl

(unit: billion yen)

		Impact on earning 4Q
Period	4Q	- 0.2

Impact of depreciation by ¥1/\$

(unit: billion yen)

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		Impact on earning
		4Q
Period	4Q	- 1.1

Key Topics in FY2017(Domestic) (Excerpted from Press Releases up to 31th Jan.)

	ΤΟΚΥΟ GAS
Management Strategy	 FY2017 initiatives by Tokyo Gas Group (Apr. 13) Strategic alliance in LNG procurement between Kyushu Electric Power and Tokyo Gas (Apr. 12) The Tokyo Gas Group FY2018-2020 management plan "GPS2020"(Oct. 5)
City gas	 Total number of ENE-FARM residential fuel cells sold hits 80,000 (May 8) Development of technology to improve the power generating efficiency of fuel cells : the first case of 65% equivalent efficiency with using a loutput (5kW) fuel cell in the world (May 23) 11 Companies Agree to Collaborate on Large-scale Construction of Hydrogen Stations : New Company to Be Considered for Supporting Str Construction and for Achieving Wider Use of FCVs and Independence of Hydrogen Station Business (May 19) Application to alter registered particulars concerning gas retail business (May 29) Offer of the service, "Total Energy Service Plan (Zuttomo) by Tokyo Gas Group in Tosai Gas and Higashinihon Gas supply areas (Jun. 27) Discontinuation of feasibility study into the business of units 3 and 4 at Kawasaki Gas Power Plant (Jul. 14) Establishment of Prominet Power Co., Ltd. (Aug. 1) Total number of commercial ventilation alarms installed hits the half million mark (Aug. 9) Basic agreement on wholesale distribution of natural gas signed with Horikawa Sangyo Co., Ltd.: supply to residents in Suzunomiya Hariga commenced (Sept. 19) Koga-Maoka trunk pipeline enters service (Oct. 18) Number of ENE-FARM residential fuel cells sold hits 90,000 (Nov. 20) Total number of ENE-FARM residential fuel cells sold hits 90,000 (Nov. 29) 11 companies sign agreement to form a new company in spring 2018 for full-scale development of a hydrogen charging station network in . (Dec. 12) Enhancement of our total energy service plan, "Always Plan" (Dec. 22)
Electric power	
Liquid gas	Launch of pilot IoT project utilizing a low power wide area (LPWA) network to streamline LPG distribution (Jun. 5)
Living services	 Launch of service to access information regarding home gas and electric appliances of customers by linking myTOKYOGAS and the smartphone app "TORISETSU" (Jul. 21) "Predicting Heat Shock service" developed jointly by Japan Weather Association and Tokyo Gas launched on the tenki.jp online weather site (Oct. 2)
Engineering services	 Opening of offices in Kyushu and Nagano (Apr. 3)* Jointly feasibility study of LNG terminal business at Sumitomo Chemical's Ehime Works (May 31)* Launch of energy management service using Helionet Advance (Sept. 29) Development of "Optopass" planning software to optimize energy facility operation and launch of consulting service (Sept. 29)
Urban development Services	 District developed by the tentatively named TGMM Shibaura Project to be called "msb Tamachi": mixed-use complex with direct access to JR Tamachi Station to be developed by Tokyo Gas, Mitsui Fudosan, and Mitsubishi Estate (May 16) Commencement of work on Tamachi Station Tower N as part of the "msb Tamachi" development project (Aug. 23)
Finance and shareholder returns	 Announcement of issue of 42nd and 43rd domestic unsecured notes (Jun. 2) Notification of resolution to acquire treasury shares (Apr. 28), notice of share buyback (May 23), notice of retirement of treasury stock (Jun. 29)
Dates of press releases are s	hown in parentheses. *Press releases issued by Tokyo Gas Engineering Solutions. Press releases issued after the 2Q results were announced (Oct.27) are underlined.

Key Topics in FY2017(Overseas) (Excerpted from Press Releases up to 31th Jan.)

City gas	Execution of the Letter of Intent on the new LNG Project in Alaska –to commence the dialogue regarding the purchase of LNG and other businesses-(Dec. 5)
Overseas	 [North America] Participation in a natural gas-fired power plant in Pennsylvania (Apr. 18) Investment in natural gas development project in East Texas, U.S.A. (May 8) Announcement for launching the two entities for new corporate innovation team, "Acario Investment One LLC " and "Acario Innovation LLC" (Dec. 18) Investment in US energy technology venture fund "Activate Capital Partners" (Jan. 19) [Southeast Asia] Opening of Manila Office (Apr. 21) Investment and Strategic Alliance in Vietnam Natural Gas Distribution Business(Jul. 31) Joint investment in gas distribution company in Indonesia(Oct. 17) Tokyo Gas Submits Letter of Intent to Department of Energy, the Philippines (Oct. 31)
Engineering services	 Business of consulting for construction of LNG receiving terminal in Bangladesh (Jul. 27)* <u>Receipt of PMC contract for construction of Thailand's Nong Fab LNG receiving terminal (Jan. 9)*</u> are shown in parentheses. *Press releases issued by Tokyo Gas Engineering Solutions. Press releases issued after the 2Q results were announced (Oct. 27) are underlined.

[Southeast Asia Area]

- (5) <Philippines>Opening of Manila Office
 - <Philippines>Tokyo Gas Submits Letter of Intent to Department of Energy
- 6 <Vietnam>Investment and Strategic Alliance in Vietnam Natural Gas Distribution Business
- ⑦ <Thailand> Receipt of PMC contract for construction of Nong Fab LNG receiving terminal
- (8) <Indonesia>Joint investment in gas distribution company

[North America Area]

- 1 Execution of the Letter of Intent on the new LNG Project in Alaska
- 2 Participation in a natural gas-fired power plant (Pennsylvania, U.S.A.)
- ③ Investment in natural gas development project (East Texas, U.S.A.)
- Launching the two entities for new corporate innovation team
 Investment in energy technology venture fund

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< Cautionary Statement regarding Forward-looking Statements >

Statements made in this presentation with respect to Tokyo Gas's present plans, forecasts, strategies and beliefs, and other statements herein that are not expressions of historical fact are forward-looking statements about the future performance of the Company. As such, they are based on management's assumptions and opinions stemming from currently available information and therefore involve risks and uncertainties.

The Company's actual performance may greatly differ from these projections, due to these risks and uncertainties which include without limitation general economic conditions in Japan, crude oil prices, the weather, changes in the foreign exchange rate of the yen, rapid technological innovations and the Company's responses to the progress of deregulation.

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