# **FY2014 2Q Financial Results**



October 30, 2014

# 1. FY2014 2Q Consolidated Financial Results ended September 30, 2014



# FY2014 2Q Consolidated Financial Results (Apr. 1, 2014 – Sep. 30, 2014) <vs. FY2013 2Q>



#### Highlights: 5th consecutive first half-year period of revenue growth, 3rd of profit growth (record sales and profit at all 3 levels)

	_		tes profit impact, billion yen)
Net sales	+97.5 :	+ Increase in city gas sales (+73.2 (+11.0%): sales volume +38.9, unit sales price +35.1 (slide +41.1, tariff revis	sion -9.4, etc.))
1410 100 =	+ Increase in electricity sales (+16.6 (+24.8%): sales volume +7.7, unit sales price +8.8)	Sliding time lag effect +3.0 (+10.9→+13.9 )	
		+ Increase in overseas sales (+6.4 (+73.7%): increase in sales at Pluto, increased sales from full-year Barnett of	contribution, etc.)
Operating expenses	-91.5 <b>:</b> (-10.6%)	Increase in city gas resource costs (-72.9 (-17.8%): sales volume -33.7, unit sales price -39.2 (exchange rate -0.3, price revision, etc.)) Increase in electricity fuel costs (-15.2 (-35.0%): sales volume -5.0, unit sales price -10.1)	-15.3, crude oil
Operating income	+6.0 : (+8.9%)	<ul> <li>Increase in city gas profit (+0.8 (+1.3%): gas gross margin +1.1 (sales volume +5.2 (incl. temp effect +0.7), u</li> <li>+3.0, tariff revision -9.4, etc.))</li> <li>Increase in electricity profit (+2.1 (+20.7%): electric power gross profit +1.4 (sales volume +2.7, unit sales p</li> </ul>	
Factors and in a m	į	H Increase in overseas profit (+2.0 (+119.0%): increase in earnings at Pluto, etc.)	

+11.8: + Gain on sales of non-current assets +5.4, Gain on sales of investment securities +4.8, etc. income

(Unit: billion ven)

						(01110)	. Dillion yen
	2014 2Q results	2013 2Q results	Change	%	Previous forecast (July 31)	Change	%
Gas sales volume (mil. m³, 45MJ)	7,192	6,673	+519	+7.8%	7,136	+56	+0.8%
Electricity sales volume (billion kWh)	5.31	4.76	+0.55	+11.6%	5.37	-0.06	-1.1%
Net sales	1,031.0	933.5	+97.5	+10.4%	1,033.0	-2.0	-0.2%
Operating expenses	956.4	864.9	+91.5	+10.6%	970.0	-13.6	-1.4%
Operating income	74.5	68.5	+6.0	+8.9%	63.0	+11.5	+18.3%
Ordinary income — (a)	72.6	64.9	+7.7	+11.8%	62.0	+10.6	+17.1%
Net income	57.0	42.7	+14.3	+33.3%	53.0	+4.0	+7.5%
Temperature effect — (b)	-3.4	-4.1	+0.7	_	-3.8	+0.4	_
Sliding time lag effect — (c)	13.9	10.9	+3.0	_	10.5	+3.4	_
Depreciation of pension actuarial differences $-$ (d)	1.5	-1.1	+2.6	_	1.5	0.0	_
Adjusted ordinary income — (a) - ( (b)+(c)+(d) )	60.6	59.2	+1.4*	+2.4%	53.8	+6.8	+12.6%
Adjusted net income	48.8	38.9	+9.9	+25.4%	47.3	+1.5	+3.2%

<sup>\* +1.4:</sup> Increase in gas sales volume +4.5 (excl. temp. effect +0.7), tariff revision -9.4, electric power +2.1, overseas +2.0, other segment, etc. +2.2

Economic frame (2Q)	Exchange rate (¥/\$)	JCC (\$/bbl)	Avg. temperature (°C)	
FY2014	103.01	109.50	21.9	
FY2013	98.86 (+4.15)	107.69 (+1.81)	22.3 (-0.4)	
<b>Previous forecast</b>	103.59 <-0.58>	109.76 <-0.26>	22.0 <-0.1>	

Expected rate of return: 2%						
Pension asset		Investment yield (Cost deducted)		Year-end assets (Billion yen)		
FY2014 2Q cumulative		2.54%		276.0		
(Billion yen)	FY201	4 2Q	FY2013 2Q	Change	%	
Capex	86.	4	121.9	-35.5	-29.1%	

#### **FY2014 2Q Consolidated Gas Sales Volume**



(Figures are rounded to nearest mil. m3.)

# FY13 2Q Results → FY14 2Q Results Previous forecast → FY14 2Q Results Gas sales volume: +519 mil m<sup>3</sup> (+7.8%)

**Including temperature effect:** 

-9 mil. m<sup>3</sup>, -0.1%

- +34 mil. m<sup>3</sup> (+2.7%) Residential
- Temperature effect +10 mil. m3
- Number of days -6 mil. m<sup>3</sup>
- Number of customers +19 mil. m<sup>3</sup>
- +11 mil. m<sup>3</sup> Others
- Commercial -53 mil. m<sup>3</sup> (-3.8%)
- Temperature effect -21 mil. m<sup>3</sup>
- Number of days -15 mil. m<sup>3</sup>
- Number of customers +3 mil. m<sup>3</sup>
- Others -20 mil. m<sup>3</sup>
- +503 mil. m<sup>3</sup> (+16.1%) Industrial
- Industrial: -11 mil. m3 Portion from decrease outside Kashima -42 mil. m3 area
- Power generation: +513 mil. m<sup>3</sup> Portion from increase in Kashima area +586 mil. m<sup>3</sup>
- Wholesale +35 mil. m<sup>3</sup> (+3.9%)
- Temperature effect +2 mil. m<sup>3</sup>
- Others +33 mil. m<sup>3</sup>

Increase in demand from wholesale suppliers, etc.

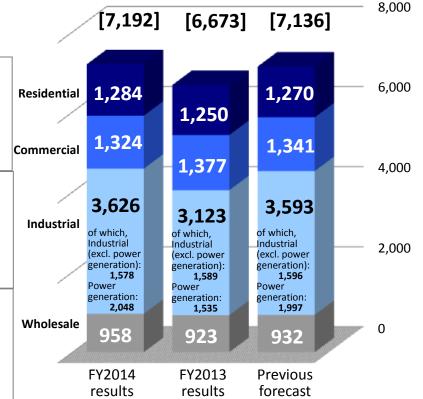
#### +56 mil m<sup>3</sup> (+0.8%) **Including temperature effect:** +3 mil. m<sup>3</sup>, +0.0%

- **■** Residential +14 mil. m<sup>3</sup> (+1.1%)
- Temperature effect +5 mil. m<sup>3</sup>
- Number of days -0 mil. m<sup>3</sup>
- Number of customers +1 mil. m<sup>3</sup>

+8 mil. m<sup>3</sup>

- Others
- Commercial -17 mil. m<sup>3</sup> (-1.3%)
- Temperature effect -3 mil. m<sup>3</sup>
- Number of days 0 mil. m<sup>3</sup>
- -7 mil. m<sup>3</sup> • Number of customers
- Others -8 mil. m<sup>3</sup>
- +33 mil. m<sup>3</sup> (+0.9%) Industrial
- Industrial: -18 mil. m<sup>3</sup> Portion from decrease outside Kashima area -19 mil. m<sup>3</sup>
- Power generation: +51 mil. m<sup>3</sup> Portion from increase in Kashima area +70 mil. m<sup>3</sup>
- +26 mil. m<sup>3</sup> (+2.8%) ■ Wholesale
- Temperature effect +1 mil. m<sup>3</sup>
- +25 mil. m<sup>3</sup> Others

Increase in demand from wholesale suppliers, etc.



	FY2014 2Q	FY2013 2Q	Change
LNG liquid sales volume (thousand t)	378	343	+35
Average temperature (°C)	21.9	22.3	-0.4

#### (10 thousand)

	FY2014 2Q	FY2013 2Q	Change
Number of customer	1,116.8	1,102.5	+14.3 (+1.3%)
Net increase during the 1st half	5.7	4.7	+1.0 (+21.7%)

# **Changes in Gas Sales Volume Including Tolling**



# FY2014 2Q Results

#### Gas sales volume including portion used in-house under tolling arrangement

mil.  $m^3$ ,  $45MJ/m^3$ 

	FY2014 2Q	FY2013 2Q	Change	Previous forecast	Change
Gas sales volume	7,192	6,673	+519	7,136	+56
(financial accounting basis)			+7.8%		+0.8%
Gas volume used in-house under	831	743	+88	845	-14
tolling arrangement			+11.7%		-1.7%
Total	8,023	7,416	+607	7,981	+42
Total			+8.2%		+0.5%

#### ● Gas sales volume for industrial-use (Unit: million m³)

	Kashima area	Other area	Total
Power generation	783	1,265	2,048
vs. FY2013 2Q	+586 (+298.8%)	-74 (-5.5%)	+513 (+33.4%)
vs. Previous forecast	+70 (+9.8%)	-19 (-1.5%)	+51 (+2.5%)
General industrial	102	1,475	1,578
vs. FY2013 2Q	+31 (+43.8%)	-42 (-2.8%)	-11 (-0.7%)
vs. Previous forecast	+1 (+1.4%)	-19 (-1.3%)	-18 (-1.1%)
Total	885	2,741	3,626
vs. FY2013 2Q	+618 (+230.9%)	-115 (-4.0%)	+503 (+16.1%)
vs. Previous forecast	+71 (+8.8%)	-38 (-1.4%)	+33 (+0.9%)

(Ref.)
Power-generation sales volume included in wholesale sales

(mil. m<sup>3</sup>)

Power generation	84
vs. FY2013 2Q	+84 (-)
vs. Previous forecast	+21 (+32.8%)

# FY2014 2Q Net Sales and Operating Income/Loss by Business Segment <vs. FY2013 2Q>



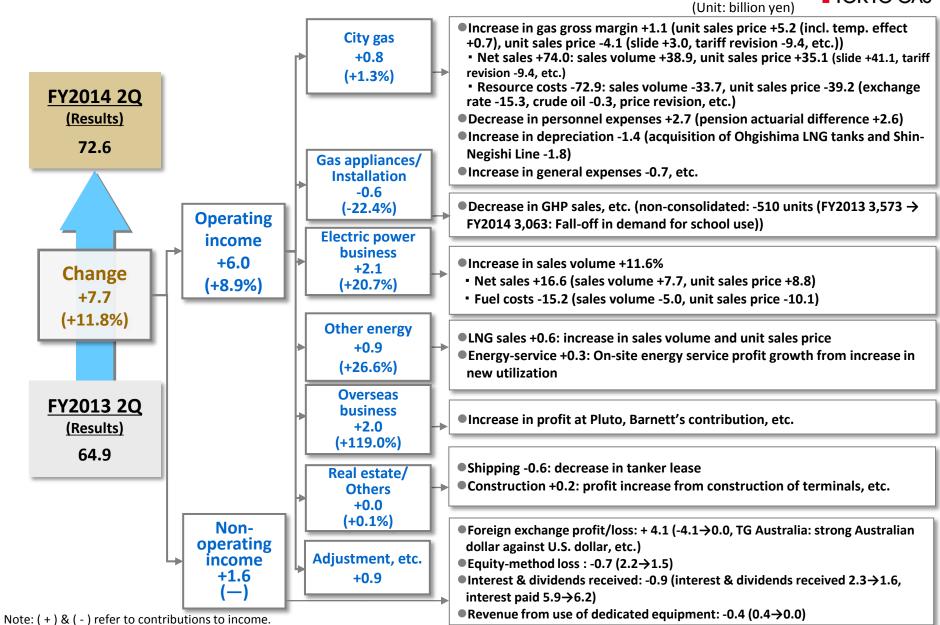
(Unit: billion yen)

	Net Sales				Segment Income			
	FY2014 2Q	FY2013 2Q	Change	%	FY2014 2Q	FY2013 2Q	Change	%
City gas	737.8	664.6	73.2	11.0	66.7	65.9	0.8	1.3
Gas appliances and installation work	86.6	93.3	-6.7	-7.2	2.3	2.9	-0.6	-22.4
Other energy	193.7	165.8	27.9	16.8	16.3	13.3	3.0	22.2
(Electric power business)	83.2	66.6	16.6	24.8	12.0	9.9	2.1	20.7
Real estate	13.0	14.5	-1.5	-10.2	3.1	3.1	-0.0	-0.3
Others	96.1	83.6	12.5	14.9	6.0	4.0	2.0	49.9
(Overseas business)	15.1	8.7	6.4	73.7	3.6	1.6	2.0	119.0
Adjustment	-96.4	-88.5	-7.9	_	-20.0	-20.9	0.9	_
Consolidated	1,031.0	933.5	97.5	10.4	74.5	68.5	6.0	8.9

- Notes: Net sales by business segment include internal transactions.
  - "Other energy" includes energy-service, liquefied petroleum gas, electric power and industrial gas, LNG sales.
  - "Others" includes businesses in construction, information processing service, shipping, credit and leasing, and overseas, etc.
  - The "Adjustment" to operating income is primarily companywide expenses not allocated to individual segments.
  - Parentheses indicate sub-segment (figures included in segment total).

## FY2014 2Q Ordinary Income Analysis <vs. FY2013 2Q>





# 2. FY2014 Full Year Forecast



#### FY2014 Full Year Forecast (Apr. 1, 2014 – Mar. 31, 2015) <vs. Previous forecast announced on Jul. 31>

#### **Highlights: Sales Growth, Profit Increase**

( + - , +/- indicates profit impact, billion yen)

Increase in city gas sales (-1.7 (-0.1%): sales volume and composition +5.8, unit sales price -8.0 (slide -8.0) etc.) +3.0: **Net sales** (+0.1%)Increase in electricity sales (+1.9 (+1.1%): sales volume +1.5, unit sales price +0.4) Sliding time lag effect +7.3 Increase in overseas sales (+1.8 (+5.1%): increase in sales at Pluto and Barnett, etc.)

 $(+3.5 \rightarrow +10.8)$ 

TOKYO GAS

**Operating** +9.0: (+0.4%)expenses

(+9.0%)

Decrease in city gas resource costs (+10.7 (+1.0%): sales volume -4.6, unit sales price +15.3 (exchange rate -19.7, crude oil +31.4, etc.))

Decrease in electricity fuel costs (+0.4 (+0.3%): sales volume -1.1, unit sales price +1.5)

Decrease in LNG resource costs (+1.8 (+2.0%): sales volume: +0.6, unit sales price +1.2)

**Operating** income

+12.0 :

Increase in city gas profit (+8.3 (+6.4%): gas gross margin +8.5 (sales volume +1.2 (incl. temp. effect +0.4), unit sales price +7.3 (slide +7.3))

Increase in electricity profit (+1.9 (+12.8%): sales volume +0.1, unit sales price +1.8)

Increase in LNG sales profit (+1.6 (+37.5%): sales volume +0.0, unit sales price +1.6)

(Unit: billion yen)

	Current forecast	Previous forecast	Change	%	FY2013	Change	%
Gas sales volume (mil. m³, 45MJ)	15,387	15,326	+61	+0.4%	14,735	+652	+4.4%
Net sales	2,291.0	2,288.0	+3.0	+0.1%	2,112.1	+178.9	+8.5%
Operating expenses	2,146.0	2,155.0	-9.0	-0.4%	1,946.0	+200.0	+10.3%
Operating income	145.0	133.0	+12.0	+9.0%	166.0	-21.0	-12.7%
Ordinary income — (a)	137.0	126.0	+11.0	+8.7%	159.6	-22.6	-14.2%
Net income	103.0	97.0	+6.0	+6.2%	108.4	-5.4	-5.0%
Temperature effect — (b)	-3.4	-3.8	+0.4	_	-2.5	-0.9	_
Sliding time lag effect — (c)	10.8	3.5	+7.3	_	16.4	-5.6	_
Depreciation of pension actuarial differences $-$ (d)	3.0	3.0	0.0	_	-2.2	+5.2	_
Adjusted ordinary income — (a) - ( (b)+(c)+(d) )	126.6	123.3	+3.3*	+2.7%	147.9	-21.3	-14.4%
Adjusted net income	95.8	95.1	+0.7	+0.7%	100.7	-4.9	-4.9%

\* +3.3: Gas sales volume +0.8 (excl. temp. effect +0.4), electricity +1.9, LNG sales +1.6, other segment, etc. -1.0

Economic frame	Foreign exchange rate (¥/\$)	JCC (\$/bbl)	Average temp. (°C)
<b>Current forecast</b>	106.51	104.75	16.9
Previous forecast	104.29 (+2.22)	109.88 (-5.13)	16.9 (0.0)
FY2013	100.17 <+6.34>	110.00 <-5.25>	17.0 <-0.1>

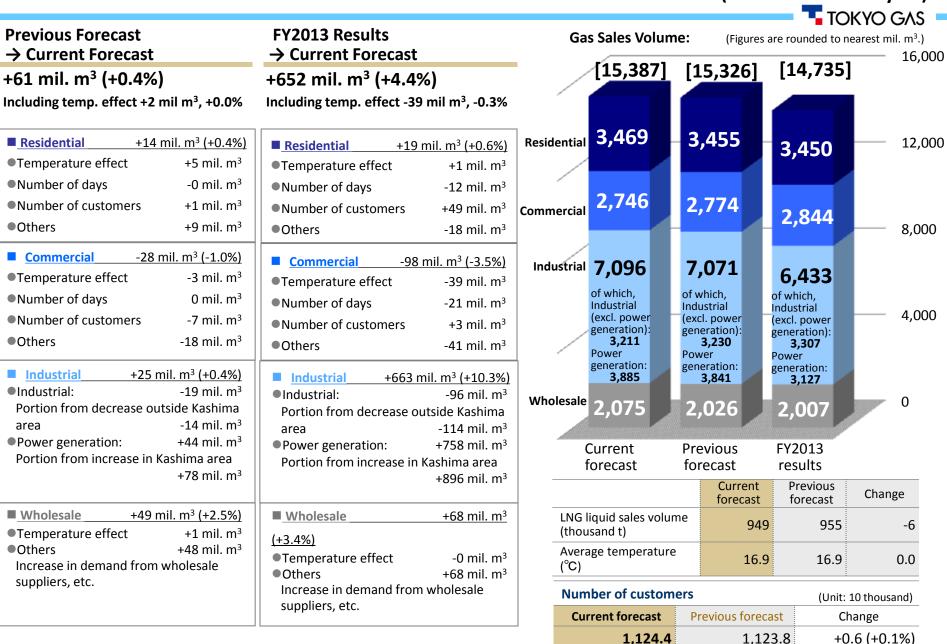
_	Expected rate of retarn. 27					
Pension asset	Investment yield *cost deducted	Discount rate	Year-end assets (billion yen)			
FY2013	1.61%	1.5%	273.0			
FY2012	6.10%	1.4%	276.0			
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(Unit: billion yen)

Expected rate of return: 2%

**Previous** Capex Current forecast Change % forecast (Figures in parenthesis are increase/decrease vs. previous forecast), FY2014 237.0 237.0 0.0 0.0% <Figures in brackets are year-on-year increase/decrease>

#### FY2014 Full Year Forecast: Consolidated Gas Sales Volume < vs. Previous Forecast (Announced on July 31)>





#### **FY2014 Forecast**

• Gas sales volume including portion used in-house under tolling arrangement

mil.  $m^3$ ,  $45MJ/m^3$ 

	Current forecast	Previous forecast	Change	FY2013	Change
Gas sales volume (financial accounting	15,387	15,326	+61	14,735	+652
basis)			+0.4%		+4.4%
Gas volume used in-	1,676	1,664	+12	1,510	+166
house under tolling arrangement			+0.7%		+11.0%
Total	17,063	16,990	+73	16,245	+818
Total			+0.4%		+5.0%
Forecast as per	18,249	18,184	+65	17,225	+1,024

Forecast as per Challenge 2020 Vision:

#### ● Gas sales volume for industrial-use (Unit: million m³)

	Kashima area	Other	Total
Power generation	1,477	2,408	3,885
vs. Previous forecast	+78 (+5.5%)	-33 (-1.4%)	+44 (+1.1%)
vs. FY2013 results	+896 (+154.2%)	-138 (-5.4%)	+758 (+24.3%)
General industrial	203	3,008	3,211
vs. Previous forecast	-5 (-2.4%)	-14 (-0.5%)	-19 (-0.6%)
vs. FY2013 results	+19 (+10.1%)	-114 (-3.7%)	-96 (-2.9%)
Total	1,680	5,416	7,096
vs. Previous forecast	+73 (+4.5%)	-48 (-0.9%)	+25 (+0.4%)
vs. FY2013 results	+915 (+119.5%)	-252 (-4.4%)	+663 (+10.3%)

(Ref.)

Power-generation sales volume included in wholesale sales

(mil. m<sup>3</sup>)

	(11111-111-)
Power generation	173
vs. FY2013 results	+157 (+1,031.4%)
vs. Previous forecast	+43 (+33.3%)



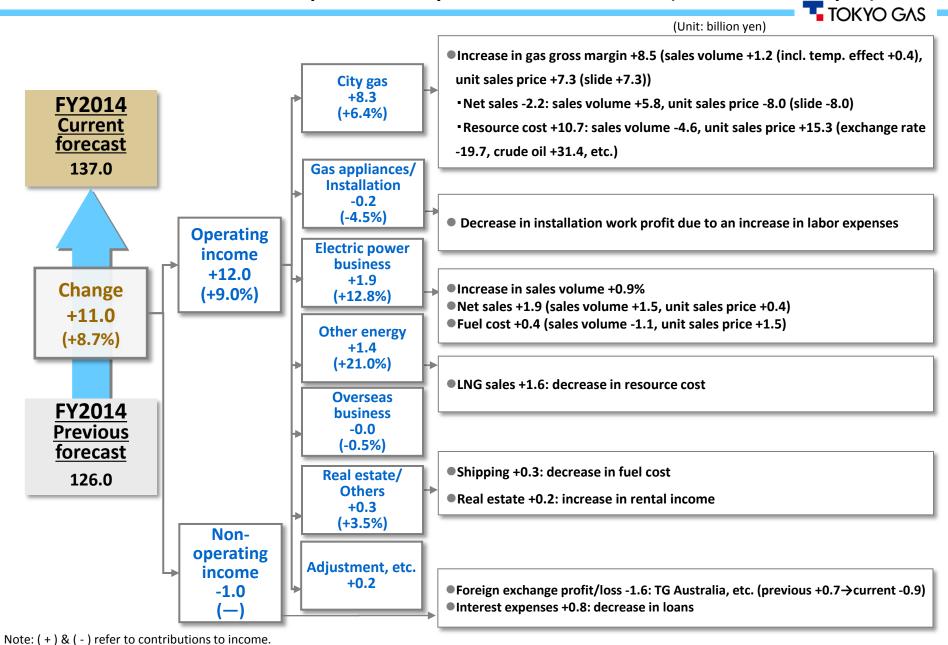
(Unit: billion yen)

		Net Sal	es		Segment Income			
	Current forecast	Previous forecast	Change	%	Current forecast	Previous forecast	Change	%
City gas	1,624.2	1,625.9	-1.7	-0.1	137.1	128.8	8.3	6.4
Gas appliances and installation work	210.8	209.9	0.9	0.4	4.2	4.4	-0.2	-4.5
Other energy	415.0	414.6	0.4	0.1	25.8	22.4	3.4	15.2
(Electric power business)	165.5	163.6	1.9	1.1	17.8	15.9	1.9	12.8
Real estate	24.2	24.1	0.1	0.4	4.1	3.9	0.2	5.1
Others	213.5	209.3	4.2	2.0	15.9	15.8	0.1	0.6
(Overseas business)	36.6	34.8	1.8	5.1	9.6	9.6	-0.0	-0.5
Adjustment	-196.7	-195.8	-0.9	_	-42.1	-42.3	0.2	_
Consolidated	2,291.0	2,288.0	3.0	0.1	145.0	133.0	12.0	9.0

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

- "Other energy" includes energy-service, liquefied petroleum gas, electric power and industrial gas, LNG sales.
- "Others" includes businesses in construction, information processing service, shipping, credit and leasing, and overseas, etc.
- The "Adjustment" to operating income is primarily companywide expenses not allocated to individual segments.
- Parentheses indicate sub-segment (figures included in segment total).

#### FY2014 Full Year Forecast: Ordinary Income Analysis <vs. Previous forecast (Announced on July 31)>





(Unit: billion yen)

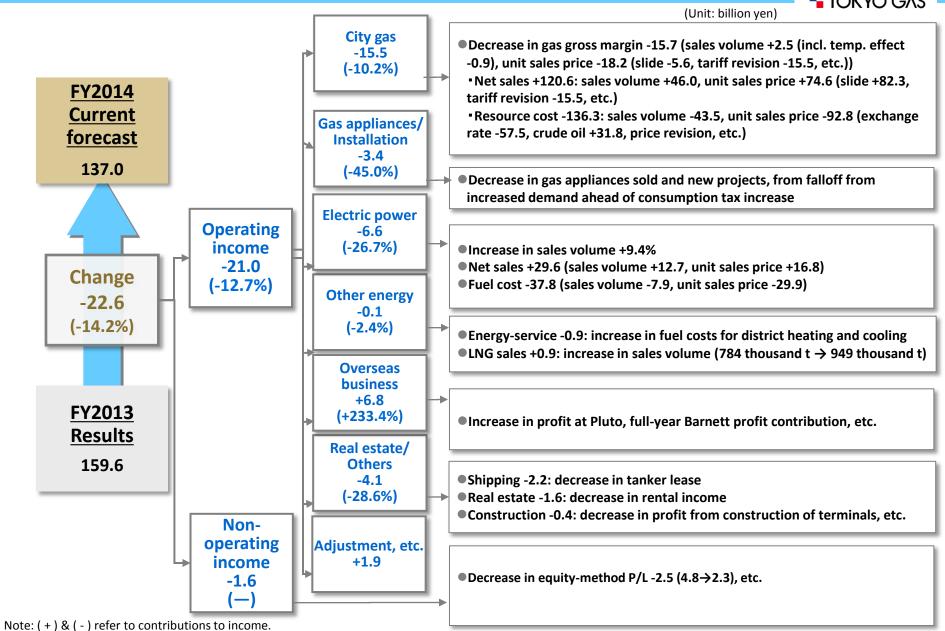
		Net Sale	es		Segment Income			
	Current forecast	FY2013	Change	%	Current forecast	FY2013	Change	%
City gas	1,624.2	1,505.1	119.1	7.9	137.1	152.6	-15.5	-10.2
Gas appliances and installation work	210.8	221.7	-10.9	-4.9	4.2	7.6	-3.4	-45.0
Other energy	415.0	357.5	57.5	16.1	25.8	32.5	-6.7	-20.7
(Electric power business)	165.5	135.9	29.6	21.7	17.8	24.4	-6.6	-26.7
Real estate	24.2	28.3	-4.1	-14.5	4.1	5.7	-1.6	-28.1
Other	213.5	199.3	14.2	7.1	15.9	11.6	4.3	36.0
(Overseas business)	36.6	22.1	14.5	65.6	9.6	2.8	6.8	233.4
Adjustment	-196.7	-200.0	3.3	_	-42.1	-44.1	1.9	_
Consolidate	2,291.0	2,112.1	178.9	8.5	145.0	166.0	-21.0	-12.7

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

- "Other energy" includes energy-service, liquefied petroleum gas, electric power and industrial gas, LNG sales.
- "Others" includes businesses in construction, information processing service, shipping, credit and leasing, and overseas, etc.
- The "Adjustment" to operating income is primarily companywide expenses not allocated to individual segments.
- Parentheses indicate sub-segment (figures included in segment total).

#### FY2014 Full Year Forecast: Ordinary Income Analysis <vs. FY2013 Results>







**Capital expenditure** 

Capex	Main items	Ref: Initial plan
	Production facilities: 35.1 (-0.2) Hitachi LNG terminal construction, etc.	
Tokyo Gas: 159.8 (-0.6, -0.4%)	Distribution facilities: 100.6 (+0.6) Ibaraki-Tochigi Line and other trunk line installation, new demand-side pipes and pipelines, etc.	Tokyo Gas: 160.4
	Service and maintenance facilities, etc.: 23.9 (-1.1) Systems-related investment, Tamachi development-related, etc.	
Total consolidated subsidiaries: 78.5 (+0.2, +0.3%)	Overseas upstream investment: 30.5 On-site energy service: 8.0 (ENAC), etc.	Total consolidated subsidiaries: 78.3
Total	Total: 237.0 (after eliminations in consolidation)	

<sup>\*</sup>Numbers in parentheses refer to comparisons with initial plan for FY2014.

# **Investments and financing**

¥17.2 billion (investment & financing 24.4, collections -7.2, vs. initial plan for FY2014 -2.2)

#### **Returns to shareholders**

¥64.7 billion (TG non-consolidated, on cash flow basis, unchanged from initial plan) (Total of FY2013 year-end dividends' and FY2014 interim dividends' ¥24.7 billion, and FY2014 treasury stock purchases' ¥40.0 billion)



#### Required funds and source of funds

FY2014 2Q results			FY2014 forecast			(Unit: billion yen)			
Required funds	5		Source of funds		Required fund	S	Source of funds		
Capex	86.4	<u></u>	Depreciation	68.1	Capex	237.0	Ы	Depreciation	142.0
Other investment & financing*	-5.9	Internal	Ordinary income	72.6	Other investment & financing*	17.2	iternal (	Ordinary income	137.0
Dividends & tax	42.8	fundi	Others	28.9	Dividends & tax	66.4	fundi	Others	60.2
Share buybacks	40.0	ing	Total	169.6	Share buybacks	40.0	gni	Total	339.2
Repayment (Non-consolidated)	58.1 (40.7)		utside funding n-consolidated)	51.8 (33.0)	Repayment (Non-consolidated)	62.9 (41.3)		utside funding on-consolidated)	84.3 (50.6)
Total	221.4		Total	221.4	Total	423.5		Total	423.5

<sup>\*</sup>Other investment & financing is the net amount of investment outlays and loan collection.

The above does not include CP to be issued and redeemed within FY2014 as seasonal working capital.

#### **Interest-bearing debt**

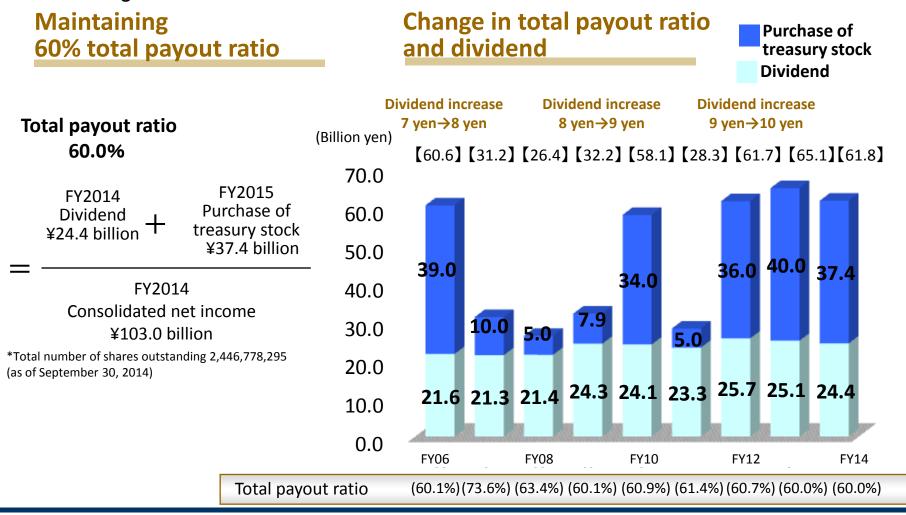
As of March 31, 2014: ¥713.8 billion As of September 30, 2014: ¥757.4 billion

As of March 31, 2015 (forecast): ¥742.0 billion (vs. initial plan -¥31.0 billion)

#### **Returns to Shareholders**



- Our financial policy is to provide returns to shareholders through dividends and stock repurchases, with a target total payout ratio (dividends and stock repurchases as percentage of consolidated net income) of approximately 60% each year through FY2020.
- Based on current FY2014 consolidated net income forecast, a 60% return to shareholders while maintaining ¥10 dividend would break down as follows:



## **Key Indicators (Consolidated)**



(Unit: billion yen)

	FY2014	FY2014	FY2013
	<b>Current forecast</b>	Previous forecast	Results
Total assets (a)	2,222.0	2,232.0	2,176.8
Shareholders' equity (b)	1,051.0	1,036.0	1,011.7
Shareholders' equity ratio (b)/(a)	47.3%	46.4%	46.5%
Interest-bearing debt (c)	742.0	771.0	713.8
D/E ratio (c)/(b)	0.71	0.74	0.71
Net income (d)	103.0	97.0	108.4
Depreciation (e)	142.0	142.0	140.3
Operating cash flow (d) + (e)	245.0	239.0	248.8
Сарех	237.0	237.0	248.0
ROA: (d)/(a)	4.7%	4.4%	5.2%
ROE: (d)/(b)	10.0%	9.5%	11.2%
TEP	27.2	24.4	50.7
WACC	3.6%	3.5%	3.2%*
Total payout ratio	Approx. 60%	Approx. 60%	60.0%

Notes: Shareholders' equity = Net assets – Minority interests

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

ROE = Net income / 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 income + Depreciation (including depreciation of long-term prepaid expenses)

Total payout ratio = (FYn dividends + (FYn+1) treasury stock purchased) / FYn consolidated net income

\*Total number of issued stock: 2,446,778,295 (as of September 30, 2014)

TEP: (Tokyo Gas Economic Profit): Profit after taxes and before interest payments – Cost of capital (invested capital  $\times$  WACC) Items for WACC calculation (FY2014 forecast):

- Cost of interest-bearing debt: forecast interest rate (1.1%, after tax)
- · Cost rate for shareholders' equity
  - Risk free rate: 10-year JGB yield (0.8%)
  - Risk premium: 5.5%,  $\beta$ : 0.75 (Risk premium through FY2013: 4%)
  - Capital: market capitalization

# 3. Reference Materials





## Impact of rising JCC by \$1/bbl

(Unit: billion yen)

		Impact on earnings				
		3Q	4Q	2H		
P	3Q	-0.4	-1.1	-1.5		
Period	4Q	_	-0.6	-0.6		
ď	2H	-0.4	-1.7	-2.1		

## Impact of yen depreciation by ¥1/\$

(Unit: billion yen)

		Impact on earnings				
		3Q	4Q	2H		
70	3Q	-1.2	+1.3	+0.1		
Period	4Q	_	-1.7	-1.7		
ğ	<b>2</b> H	-1.2	-0.4	-1.6		



# Sliding time lag effect in 1H and 2H

(Unit: billion yen)

	1H	2H	Full year
Initial plan	4.7	-5.9	-1.2
Previous forecast	10.5	-7.0	3.5
Current forecast	13.9	-3.1	10.8



< 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.

< Calculation method >

Numerical amounts in these materials are shown with fractional portions disregarded or rounded, while percentage changes are calculated based on the actual figures. This may result in discrepancies between the amounts and percentages as shown.

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