

Daigas Group Fact Book 2024 English ver.

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Other information

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At a Glance

[Integrated Reprot P10-16](#)

Stock Quote

[Stock Quote in Daigas Group's Website](#)

List of Major Group Companies

[Integrated Reprot P81-82](#)

Stock information

(As of June 31, 2024)

Common Stock authorized : shares	700,000,000
Common Stock issued : shares	409,912,100
Listing of Shares	Tokyo Stock Exchange
Number of shareholders who own voting rights	78,112

*As a result of the cancellation of treasury shares on March 2024, the number of shares "Issued" has decreased by 6,767,900 shares compared to March 31, 2023.

Major Shareholders

(As of March 31, 2024)

Name of Shareholder	Number of Sharesheld (thousands)	Percentage of voting rights(%)
The Master Trust Bank of Japan, Ltd. (Trust a/c)	65,445	16
Custody Bank of Japan, Ltd. (Trust a/c)	28,146	6.88
Nippon Life Insurance Company (Standing proxy:The Master Trust Bank of Japan, Ltd.)	13,469	3.29
Resona Bank, Ltd.	10,555	2.58
STATE STREET BANK WEST CLIENT - TREATY 505234 (Standing proxy:Mizuho Bank, Ltd.)	10,053	2.46
MUFG Bank, Ltd.	8,391	2.05
Aioi Nissay Dowa Insurance Co.,Ltd. (Standing proxy:The Master Trust Bank of Japan, Ltd.)	5,973	1.46
Meiji Yasuda Life Insurance Company (Standing proxy:The Master Trust Bank of Japan, Ltd.)	5,838	1.43
JP MORGAN CHASE BANK 385781(Standing proxy:Mizuho Bank, Ltd.)	5,417	1.32
STATE STREET BANK AND TRUST COMPANY 505103(Standing proxy:Mizuho Bank, Ltd.)	4,986	1.22
Total	158,278	38.7

Rating history

(As of June 30)

Calendar year		15.6	16.6	17.6	18.6	19.6	20.6	21.6	22.6	23.6	24.6
Long-term bond	Rating and Investment Information, Inc.	AA+	AA+	AA+	AA+	AA+	AA+	AA+	AA+	AA+	AA+
	Moody's Investors Service	Aa3	Aa3	Aa3	Aa3	Aa3	A1	A1	A1	A1	A1
	S&P Global Ratings	AA-	AA-	AA-	AA-	AA-	AA-	AA-	AA-	AA-	AA-
Domestic Commercial paper	Rating and Investment Information, Inc.	a-1+	a-1+	a-1+	a-1+	a-1+	a-1+	a-1+	a-1+	a-1+	a-1+
	S&P Global Ratings	A-1+	A-1+	A-1+	A-1+	A-1+	A-1+	A-1+	A-1+	A-1+	A-1+

Bonds and borrowings
Bonds

(As of March 31, 2024)

Company	Descriptions	No.	Date of issue	Amount (included portion due within 1 year) (million yen)	Interest rate (%)	Date of maturity
		#21	2006.6.23	9,999	2.33	2026.6.23
		#31	2013.10.18	-	0.748	2023.10.18
		#32	2014.3.24	15,000	1.606	2034.3.24
		#33	2014.10.24	20,000	1.402	2034.10.24
		#34	2015.3.5	10,000	1.685	2045.3.3
		#35	2016.12.9	10,000	0.986	2056.12.8
		#36	2019.6.6	20,000	0.642	2049.6.4
		#37	2019.6.6	20,000	0.818	2059.6.6
		#38	2019.9.5	20,000	0.4	2049.9.3
	Domestic unsecured corporate bonds	#39	2019.9.5	5,000	0.545	2058.9.5
		#40	2019.9.5	10,000	0.7	2069.9.5
		#41	2021.6.3	20,000	0.22	2031.6.3
		#42	2021.6.3	10,000	0.576	2041.6.3
		#43	2021.6.3	10,000	0.851	2051.6.2
		#44	2022.6.2	10,000	0.369	2032.6.2
		#45	2022.6.2	11,000	0.942	2042.6.2
		#46	2022.6.2	10,000	1.203	2052.5.31
Osaka Gas Co, Ltd.		#47	2022.9.1	27,000	0.529	2032.9.1
		#48	2022.9.1	4,000	1.058	2042.9.1
		#49	2022.9.1	8,000	1.399	2052.8.30
		#50	2023.6.2	10,000	0.39	2028.6.2
		#51	2023.6.2	15,000	0.785	2033.6.2
		#52	2023.6.2	10,000	1.417	2043.6.2
	#1 Unsecured corporate bonds with interest deferrable clause and early redeemable option (subordinated corporate bonds)	#1	2019.12.12	50,000	0.44	2079.12.12
	#2 Unsecured corporate bonds with interest deferrable clause and early redeemable option (subordinated corporate bonds)	#2	2019.12.12	50,000	0.6	2079.12.12
	#3 Unsecured corporate bonds with interest deferrable clause and early redeemable option (subordinated corporate bonds)	#3	2020.9.10	27,000	0.49	2080.9.10
	#4 Unsecured corporate bonds with interest deferrable clause and early redeemable option (subordinated corporate bonds)	#4	2020.9.10	48,000	0.63	2080.9.10
Ammic Corporation	#4 unsecured corporate bonds	#4	2019.12.10	20 (20)	0.02	2024.12.10
	Total			460,019 (20)	-	-

Loans and debts

(As of March 31, 2024)

	Amount (million yen)	Average interest rate (%)
Short-term debt	6,334	0.8%
Long-term debt due within one year	67,968	5.2%
Lease obligation due within one year	3,262	-
Long-term debt due after one year	354,588	1.7%
Lease obligation due after one year	20,846	-
Total	453,000	-

Annual maturities until FY2029.3

(million yen)

	Bonds	Long-term loans
in FY25.3	20	67,968
in FY26.3	-	69,522
in FY27.3	10,000	42,258
in FY28.3	-	35,527
in FY29.3	10,000	50,820

Number of Facilities in City Gas Processing Terminals

(As of March 31, 2024)

	Senboku terminal	Himeji terminal
LNG vaporization capacity (1,000 m ³ / hour)	1,870	858
Main facilities	LNG vaporization facility (units)	5
	LNG tanks (units)	8
Total LNG tank capacity (kl)	1,665,000	740,000
Main materials	L N G	L N G

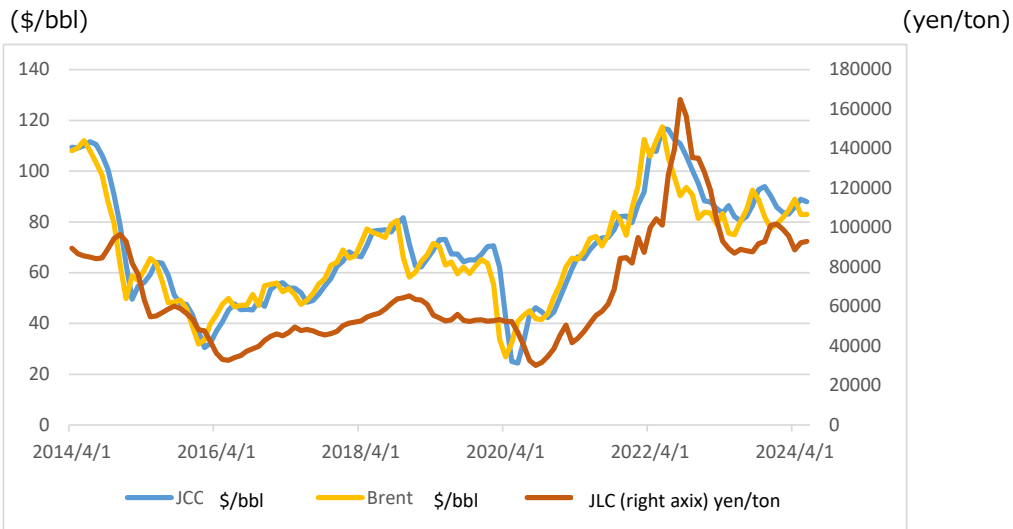
LNG Carriers of Daigas group

(As of March 31, 2024)

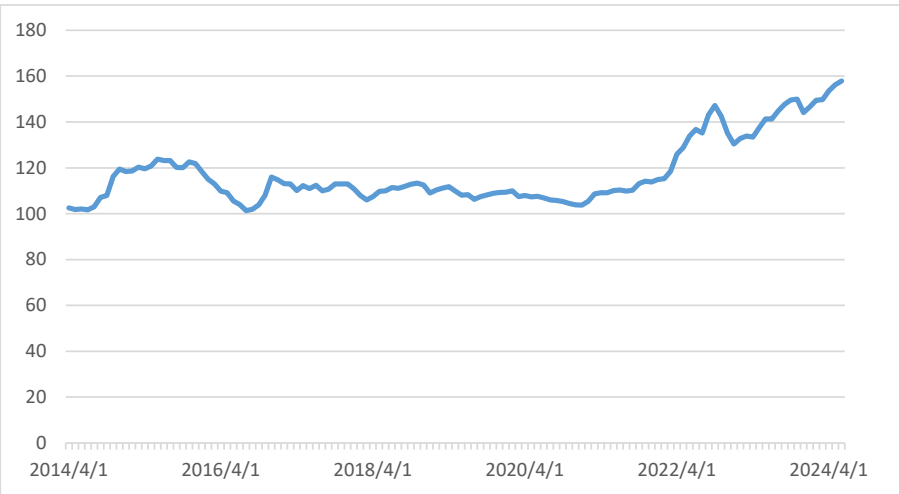
Name	Delivery	Capacity
LNG JAMAL	2000	135,000 m ³
LNG DREAM	2006	145,000 m ³
LNG BARKA	2008	153,000 m ³
LNG JUPITER	2009	153,000 m ³
LNG VENUS	2014	153,000 m ³
LNG MARS	2016	153,000 m ³
LNG SATURN	2016	153,000 m ³
LNG JUNO	2018	180,000 m ³
GRACE FREESIA	2022	174,000 m ³

(Reference) Price Indices, Exchange rate

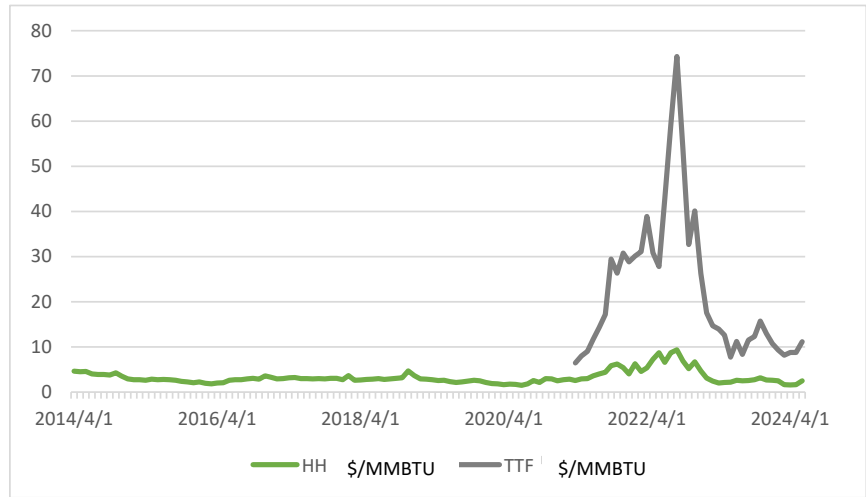
Japan crude cocktail price (JCC), Japan LNG cocktail price (JLC), Brent



Exchange rate
(yen/\$)



Henry Hub(HH), TTF
(\$/MMBtu)



International upstream business

(As of March 31, 2024)

Project name	Location	Main business	Shareholding Ratio	Year of participation
Sunrise LNG Project	Australia, East Timor	LNG	10%	2000
Qalhat LNG	Oman	LNG	3%	2006
Gorgon LNG Project	Australia	LNG	1.25%	2009
Ichthys LNG Project	Australia	LNG, Condensate	1.20%	2012
Sabine Oil & Gas Corporation	USA	Natural gas, Condensate, Natural Gas Liquids	100%	2018

International mid & downstream business

(As of March 31, 2024)

Project name	Location	Main business	Shareholding Ratio	Year of participation
Freeport LNG Project	USA	LNG terminal	10.81%	2008
EII	Australia	Infrastructure business (Portfolio)	30.20%	2008
Sagunto LNG Terminal	Spain	LNG receiving terminal	20%	2010
Sumisho Osaka Gas Water UK Limited	U.K.	Water supply business	50%	2013
City-OG Gas Energy Services	Singapore	Sale of gas business	49%	2013
Osaka Gas (Thailand) Co., Ltd.	Thailand	Energy utility related business	49%	2013
Freeport LNG Project Train 1	USA	Liquefaction business	25%	2014
NS-OG Energy Solutions (Thailand)	Thailand	Cogeneration business	30%	2014
OGP Energy Solutions	Thailand	Fuel conversion, Energy services business	29.4%	2015
PT OSAKA GAS INDONESIA	Indonesia	Sale of gas, Energy services related business	100%	2018
Sojitz Osaka Gas Energy	Vietnam	Natural gas supply business	49%	2019
AGP	Singapore	Medium- and small-scale LNG terminal business, city gas business	-	2019
Starfire Energy	USA	Green ammonia manufacturing	-	2021
JEDLIX B.V.	Netherlands	Electricity balancing services business	-	2021
AG&P CGD HoldCo SPV3 (Singapore) Pte. Ltd.	Singapore	City gas business in India	-	2021
Australian Integrated Carbon Pty Ltd	Australia	Carbon credit development and sales business in Australia	16.7%	2022
DAIGAS SJ CGD PTE. LTD.	Singapore	City gas business in India	63%	2023
Summit Ridge Energy	USA	Battery energy storage system	-	2023

Generation capacity of Daigas group

As of June 30, 2024

(MW)

				Operating	Under construction, etc*	Total
	Domestic	LNG	Domestic Thermal LNG	1,806	1,245	3,051
			Coal	Domestic Renewable energy Coal	219	-
		Thermal, etc	Domestic Thermal	2,026	1,245	3,271
			Renewable energy	Domestic Renewable energy	1,035	173
		Domestic Total			3,060	1,418
	International	LNG	International Thermal LNG	1,965	-	1,965
			Coal	International Renewable energy Coal	-	-
		Thermal	International Thermal	1,965	0	1,965
			Renewable energy	International Renewable energy	147	115
		International Total			2,112	115
Domestic and International	LNG	Domestic and International and International Thermal LNG	3,771	1,245	5,016	
		Coal	Domestic and International Renewable energy Coal	219	-	219
	Thermal	Domestic and International Thermal	3,990	1,245	5,235	
		Renewable energy	Domestic and International Renewable energy	1,182	288	1,470
	Domestic and International Total			5,172	1,533	6,705

* Includes projects that have been decided and have not yet started construction

Storage battery capacity of Daigas group

(MWh/MW)

				Operating	Under construction, etc	Total
	Domestic	Domestic Storage Battery		-	31/13	31/13
	International	International Storage Battery		31/8	-	31/8
	Domestic and International		Domestic and International Total		31/8	31/13

Domestic power plants

As of June 30, 2024

■ Power plants of Daigas group

	Name	Source	Each row: Capacity	Shareholding Ratio	Start of operation ^{*3}	Location	
			Subtotal rows: Capacity of Daigas group (MW) ^{*2}				
Operating	Thermal Power Plants						
	Senboku LNG Terminal I	Natural gas, G T C C	18	100.0%	July, 2002	Osaka	
	Himeji LNG Terminal	Natural gas, G T C C, etc.	56	100.0%	April, 2004	Hyogo	
	Senboku Natural Gas Power Plant	Natural gas, G T C C	1,109	90.0%	Apri, 2009 - November, 2009	Osaka	
	Fukushima Natural Gas Power Plant	Natural gas, G T C C	1,180	20.0%	April, 2020 - August, 2020	Fukushima	
	Torishima Energy Center	Natural gas, G T C C	141	100.0%	April, 2002	Osaka	
	Uji Energy Center	Natural gas, G T C C	67	100.0%	October, 2004	Kyoto	
	Settsu Energy Center	Natural gas, Gas Engine	18	100.0%	April, 2006	Osaka	
	Senri Energy Center	Natural gas, Gas Turbine	7	100.0%	January, 2008	Osaka	
	Funamachi Power Plant	Natural gas, G T C C	149	95.0%	April, 1999	Osaka	
	Himeji LNG Terminal Cryogenic Power Plant	Cryogenic power	7	100.0%	-	Hyogo	
	Subtotal capacity of Daigas Group/ Natural gas, etc.			1,806			
	Nagoya Power Plant	Coal, Steam turbine	142 ^{*4}	95.0%	April, 2000	Aichi	
	Nagoya II Power Plant	Coal, Steam turbine	77 ^{*4}	95.0%	September, 2017	Aichi	
	Subtotal capacity of Daigas Group/ Coal, etc.			219			
Subtotal capacity of Daigas Group/ Thermal			2,026				

	Name	Source	Each row: Capacity		Shareholding Ratio	Start of operation ^{*3}	Location
			Subtotal rows: Capacity of Daigas group (MW) ^{*2}				
	Renewable Energy Power Plants						
	Hayama Wind Farm Power Plant	Wind power	20	100.0%	100.0%	March, 2006	Kochi
	Hirogawa Myojin-yama Wind Power Plant	Wind power	16	100.0%	100.0%	November, 2008	Wakayama
	Yura Wind Power Plant	Wind power	10	100.0%	100.0%	September, 2011	Wakayama
	Hizen Wind Power Plant	Wind power	12	100.0%	100.0%	March, 2005	Saga
	Hizen South Wind Power Plant	Wind power	18	100.0%	100.0%	January, 2008	Saga
	Hirao Wind Power Plant	Wind power	9	99.8%	99.8%	April, 2009	Yamaguchi
	Inami Wind Power Plant	Wind power	26	100.0%	100.0%	June, 2018	Wakayama
	Shiribetsu Wind Power Plant	Wind power	27	100.0%	100.0%	September, 2021	Hokkaido
	Noheji Mutsu Bay Wind Farm	Wind power	40	39.0%	39.0%	January, 2023	Aomori
	Yokohama Town Wind Power Plant	Wind power	43	39.0%	39.0%	April, 2023	Aomori
	Torishima Solar Power Plant	Solar power	2	100.0%	100.0%	April, 2013	Osaka
	Torishima II Solar Power Plant	Solar power	1	100.0%	100.0%	January, 2014	Osaka
	Shouou Solar Power Plant	Solar power	1	100.0%	100.0%	April, 2013	Okayama
	Hirogawa Myojin-yama Solar Power Plant	Solar power	1	100.0%	100.0%	April, 2013	Wakayama
	Daigas Oita Mirai Solar Power Plant	Solar power	27	-	-	May, 2013	Oita
	Yura Solar Power Plant (North/South)	Solar power	2	100.0%	100.0%	December, 2016	Wakayama
	Kuwarajyou Mega Solar (No. 4)	Solar power	12	50.0%	50.0%	April, 2020	Kagoshima
	Extra-high-voltage Power Plant in Isohara-cho, Kitaibaraki City, Ibaraki Prefecture	Solar power	35	50.0%	50.0%	January, 2021	Ibaraki
Operating	Shizukuishi Solar Power Plant	Solar power	25	20.0%	20.0%	October, 2016	Iwate
	Haru Mito Solar Power Plant	Solar power	9	20.0%	20.0%	May, 2015	Ibaraki
	Komatsu Solar Power Plant	Solar power	13	20.0%	20.0%	May, 2018	Ishikawa
	Misawa Solar Power Plant	Solar power	10	20.0%	20.0%	February, 2017	Aomori
	Yubunesawa I Solar Power Plant	Solar power	2	49.0%	49.0%	July, 2022	Iwate
	Yawata Solar Power Plant	Solar power	1	100.0%	100.0%	September, 2013	Mie
	Kannari Aneha Solar Power Plant	Solar power	2	49.0%	49.0%	September, 2021	Miyagi
	Shinano-machi Solar Power Plant	Solar power	2	49.0%	49.0%	September, 2021	Nagano
	Hanamaki Solar Power Plant	Solar power	2	49.0%	49.0%	March, 2022	Iwate
	Taketa Solar Power Plant	Solar power	3	49.0%	49.0%	July, 2022	Oita
	Nekko-machi Solar Power Plant	Solar power	12	49.0%	49.0%	September, 2022	Iwate
	Oita Solar Power Plant	Solar power	39	40.0%	40.0%	March, 2020	Oita
	Kurayoshi Solar Power Plant	Solar power	36	40.0%	40.0%	December, 2020	Tottori

	Name	Source	Each row: Capacity	Shareholding Ratio	Start of operation *3	Location
			Subtotal rows: Capacity of Daigas group (MW)*2			
Operating	Hitachi Juo Solar Power Plant	Solar power	56	40.0%	August, 2017	Ibaraki
	Odaike Narazuike Solar Power Plant	Solar power	6	50.0%	December, October 2018	Kagawa
	Sano Solar Power Plant	Solar power	42	40.0%	January, 2022	Tochigi
	Leben Energy No.1 Solar Power Plants	Solar power	36	-	October 2018 - October 2020	-
	Leben Energy No.2 Solar Power Plants	Solar power	23	-	July 2018 - April 2022	-
	Sustainabl Solarway Solar Power Plants	Solar power	16	45.0%	January 2023 - February 2023	-
	Sustainabl Solarway II Solar Power Plants	Solar power	12	45.0%	January 2024 - February 2024	-
	JO Denryoku No.1 Solar Power Plants (Non-FIT/Non-FIP)	Solar power	4	50.0%	January 2023 - March 2023	-
	JO Denryoku No.1 Solar Power Plants (FIT)	Solar power	3	50.0%	April 2023 - April 2024	-
	S&Dx solar1 Solar Power Plants	Solar power	5	50.0%	Feburuary, 2023 - June, 2023	-
	S&Dx solar2 Solar Power Plants (Non-FIT)	Solar power	6	50.0%	January, 2024 - February, 2024	-
	GDsPJ Solar Power Plants (FIT)	Solar power	2	50.0%	May, 2023 - August, 2023	-
	Daigas Energy Power Plants	Solar power, etc.	11	-	-	-
	Energy Bank Japan Power Plants	Solar power, etc.	39	-	-	-
	Nagoya Power Plant (5% biomass-mixed combustion)	Biomass power	7	95.0%	April, 2000	Aichi
	Nagoya II Power Plant (30% biomass-mixed combustion)	Biomass power	33	95.0%	September, 2017	Aichi
	Matsusaka Woody Biomass Power Plant	Biomass power	2	14.5%	January, 2018	Mie
	Ichihara Biomass Power Plant	Biomass power	50	39.0%	December, 2020	Chiba
	Tokushima Tsuda Biomass Power Plant	Biomass power	75	33.5%	December, 2023	Tokushima
	Hirohata Biomass Power Plant	Biomass power	75	90.0%	December, 2023	Hyogo
Subtotal capacity of Daigas Group/ Renewable energy			1,035			
Subtotal capacity of Daigas Group/Operating			3,060			

	Name	Source	Each row: Capacity	Shareholding Ratio	Start of operation ^{*3}	Location
			Subtotal rows: Capacity of Daigas group (MW) ^{*2}			
Undeconstruction , etc.*1	Thermal Power Plants					
	Himeji Natural Gas Power Plant	Natural gas, G T C C	1,245	100.0%	January, 2026 - May, 2026	Hyogo
	Subtotal capacity of Daigas Group/ Natural gas			1,245		
	Renewable Energy Power Plants					
	Goto City Offshore Wind Power Generation	Wind power	17	-	January, 2026	Nagasaki
	GDs PJ Solar Power Plants (Non-FIT)	Solar power	9	50.0%	April, 2023 -February, 2025	-
	AO Denryoku No.1 Solar Power Plants	Solar power	9	50.0%	January, 2024 -February, 2025	-
	Sodegaura Biomass Power Plant	Biomass power	75	100.0%		Chiba
	Aichi Tahara Biomass Power Plant	Biomass power	75	25.0%	October, 2024	Aichi
	Hyuga Biomass Power Plant	Biomass power	50	35.0%	November, 2024	Miyazaki
	Gobo Biomass Power Plant	Biomass power	50	35.0%	September, 2025	Wakayama
	Subtotal capacity of Daigas Group/ Renewable energy			173		
Subtotal capacity of Daigas Group/ Undeconstruction, etc.			1,418			
Subtotal capacity of Daigas Group/ Domestic			4,478			

*1 Includes projects that have been decided and have not yet started construction

*2 The capacity of solar power generation represents the panel capacity

*3 "Start of operation" columns in Under construction indicate rows represent the expected year and month of the project start.

*4 Excludes biomass mixed combustion

*5 Indicates the expected year and month of completion

■ Battery Energy Storage Service projects of Daigas group

	Name	Source	Capacity(MWh) /	Shareholding Ratio	Start of operation	Location
			Output(MW)			
Undeconstruction , etc.	Senri Grid Storage	Lithium ion battery	23MWh / 11MW	-	-	Osaka
	Takeo Grid Storage	Lithium ion battery	8MWh / 2MW	-	-	Saga
Subtotal capacity of Daigas Group/ Storage Battery / Domestic			31MWh / 13MW			

International power plants

As of June 30, 2024

■ Power plants of Daigas group

	Name	Source	Each row: Capacity Subtotal rows: Capacity of Daigas group (MW) ^{*2}	Shareholding Ratio	Start of operation	Location	
Operating	Thermal Power Plants						
	Lakewood	Natural gas, GTCC	265	20.0%	December, 2005 ^{*3}	New Jersey, USA (PJM)	
	Saranac	Natural gas, GTCC	239	20.0%	December, 2005 ^{*3}	New York, USA (NY-ISO)	
	St. Charles Energy Center	Natural gas, GTCC	725	25.0%	February, 2017	Maryland, USA (PJM)	
	Shuweihat S2 IWPP	Natural gas, GTCC	1,510	10.0%	October, 2011	UAE Abu Dhabi	
	Shore	Natural gas, GTCC	725	20.0%	March, 2017 ^{*3}	New Jersey, USA (PJM)	
	Michigan Power	Natural gas, GTCC	125	100.0%	July, 2018 ^{*3}	Michigan, USA (MISO-7)	
	Kleen Energy	Natural gas, GTCC	620	24.3%	May, 2018 ^{*3}	Connecticut, USA (ISO-New England)	
	Towantic	Natural gas, GTCC	805	49.5%	December, 2018 ^{*3}	Connecticut, USA (ISO-New England)	
	Fairview	Natural gas, GTCC	1,050	50.0%	December, 2019	Pennsylvania, USA (PJM)	
	Three Rivers	Natural gas, GTCC	1,250	15.0%	July, 2023	Illinois, USA (PJM)	
	Subtotal capacity of Daigas Group/ Thermal			1,965			
	Renewable Energy Power Plants						
	Hallett 4 Wind Farm Project	Wind power	132	39.9%	June, 2011	South Australia, Australia	
	Brighter Future Solar project	Solar power	16	50.0%	January, 2022	North Carolina, USA	
OE Solar	Solar power	8	49.0%	-	Thailand		
Summit Ridge Energy	Solar power	49 ^{*4}	-	-	Maine, USA		
Summit Ridge Energy	Solar power	34 ^{*4}	-	-	Illinois, USA		
SOL Energy	Solar power	2	34.0%	-	Vietnam		
Subtotal capacity of Daigas Group/ Renewable energy			147	-	-		
Subtotal capacity of Daigas Group/Operating			2,112				
Underconstruction, etc ^{*1}	Renewable Energy Power Plants						
	OE Solar	Solar power	3	49.0%	-	Thailand	
	Summit Ridge Energy	Solar power	31 ^{*4}	-	-	Maine, USA	
	Summit Ridge Energy	Solar power	5 ^{*4}	-	-	Illinois, USA	
	Summit Ridge Energy	Solar power	76 ^{*4}	-	-	Virginia, USA	
	SOL Energy	Solar power	4	34.0%	-	Vietnam	
Subtotal capacity of Daigas Group/ Renewable energy			115				
Subtotal capacity of Daigas Group/ International			2,227				

*1 Includes projects that have been decided and have not yet started construction

*2 The capacity of solar power generation represents the panel capacity

*3 Acquisition year and month

*4 Generation capacity of Daigas group

■ **Battery Energy Storage Service projects of Daigas group**

	Name	Source	Capacity(MWh) / Output(MW)	Shareholding Ratio	Start of operation	Location
Operating	Summit Ridge Energy	Lithium ion battery	31MWh / 8MW	-	July, 2023	New York, USA

This data is available in chart from the following URL.

[Financial Highlights](#) | [IR Information](#) | [Daigas Group](#)

Number of employees and subsidiaries		15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3	24.3
Number of employees	Number of persons	20,982	20,844	20,762	19,997	20,224	20,543	20,941	20,961	21,017	21,159
Number of consolidated subsidiaries	Number of companies	145	149	150	138	150	156	154	150	154	159
Number of equity method affiliates	Number of companies	13	16	18	19	23	23	27	30	32	42

1. As of March 31

Stock Information		15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3	24.3
■ Shareholder composition											
Government and local public organization	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Financial institutions	%	37.00	38.37	37.87	39.67	40.73	43.42	40.97	40.79	39.60	39.07
Financial products trader	%	1.62	1.29	1.87	1.73	1.92	1.66	2.50	2.60	2.50	2.91
Domestic companies, etc.	%	7.69	7.61	7.59	7.36	7.18	7.16	6.76	6.58	6.38	6.38
Foreign companies, etc.	%	27.06	26.65	27.39	26.64	26.64	24.26	27.06	27.63	29.86	30.72
Individuals and others	%	26.62	26.08	25.28	24.60	23.54	23.51	22.72	22.39	21.66	20.92
Total	%	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
■ Dividend per share history											
Annual dividends per share	yen	47.5	50.0	50.0	50.0	50.0	50.0	52.5	57.5	60.0	82.5
Total dividends (full year)	million yen	19,768	20,804	20,797	20,793	20,791	20,789	21,827	23,903	24,940	33,958

1. As of March 31

2. Prior to FY17.3, calculated based on the assumption of the share consolidation in October 2017. (5 share to 1 share)

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This data is available in chart from the following URL.

[Financial Highlights](#) | [IR Information](#) | [Daigas Group](#)

Financial Highlights		15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3	24.3
■ Sales and Profit											
Net sales	million yen	1,528,164	1,322,012	1,183,846	1,296,238	1,371,863	1,368,689	1,364,106	1,591,120	2,275,113	2,083,050
Operating profit	million yen	105,065	146,674	97,250	78,118	67,977	83,792	112,491	99,201	60,001	172,553
Ordinary profit	million yen	108,173	134,986	96,276	77,087	63,103	86,018	127,752	113,525	75,649	226,563
Profit attributable to owners of parent	million yen	76,709	84,324	61,271	37,724	33,601	41,788	80,857	130,421	57,110	132,679
Segment profit	million yen	112,055	142,136	99,036	78,376	69,073	89,018	126,109	112,043	72,931	204,536
Profit (Loss) on Profit/ Loss on time-lag effect	million yen	12,362	81,712	13,789	519	-13,273	6,513	1,696	-62,321	-34,711	28,523
Net actuarial loss amortization of retirement benefit costs (impact on profit)	million yen	-447	-676	-8,906	-9,272	-2,591	3,396	2,884	7,146	10,289	9,701
■ Assets and Liabilities											
Total assets	million yen	1,862,201	1,829,756	1,886,577	1,897,230	2,029,722	2,140,482	2,313,357	2,588,086	2,819,589	2,980,127
Net assets	million yen	918,869	935,786	991,870	1,028,799	1,035,044	1,027,667	1,114,597	1,296,089	1,417,178	1,604,992
Shareholders' equity	million yen	888,496	906,623	961,905	999,569	1,004,340	997,492	1,081,881	1,271,617	1,391,421	1,577,512
Liabilities	million yen	943,331	893,970	894,706	868,430	994,678	1,112,815	1,198,759	1,291,996	1,402,410	1,375,135
Balance of interest-bearing debt	million yen	633,923	567,164	540,668	503,789	647,465	754,006	785,383	815,079	981,556	938,292
Issued subordinated corporate bonds	million yen	-	-	-	-	-	100,000	175,000	175,000	175,000	175,000
■ Cash flows											
Cash flows from operating activities	million yen	156,908	281,819	148,801	168,731	65,116	182,892	219,797	145,350	33,572	312,609
Cash flows from investing activities	million yen	-110,704	-144,198	-137,527	-110,456	-204,192	-232,266	-198,354	-152,163	-203,938	-215,944
Cash flows from financing activities	million yen	22,892	-90,716	-50,530	-51,591	85,262	79,272	-1,636	-30,479	119,617	-110,123
Free cash flow	million yen	46,204	137,620	11,274	58,274	-139,076	-49,374	21,443	-6,813	-170,365	96,665
Cash and cash equivalents at end of period	million yen	162,793	209,367	166,912	171,061	115,769	146,813	166,762	130,769	84,793	77,229
■ Investment											
Total investment (1+2)	million yen	137,175	153,902	134,046	115,494	210,164	225,896	221,383	209,261	237,249	239,588
Investment for quality improvement 1	million yen	44,698	56,051	48,253	42,191	44,205	57,498	68,873	67,931	65,019	73,367
Investment for growth 2	million yen	92,476	97,850	85,792	73,303	165,958	168,398	152,510	141,329	172,229	166,220
Capital expenditures (included in total investments)	million yen	119,398	114,418	88,657	81,716	107,259	131,010	189,454	189,317	195,330	198,421

1. Segment profit (■Sales and Profit) - --[Operating profit + share of profit (loss) of entities accounted for using equity method]
2. Profit (Loss) on Profit/ Loss on time-lag effect (■Sales and Profit) - --Temporary increase (decrease) in profit until the fluctuation in feedstock costs is reflected in the unit selling price of city gas and electricity under the gas/fuel cost adjustment system. Including time-lag effect of electricity business from FY21.3.
3. Total assets (■Assets and Liabilities) - --FY18.3 results are calculated taking in account of "Partial Amendments to Accounting standard for Tax Effect Accounting".
4. Liabilities (■Assets and Liabilities) - --FY18.3 results are calculated taking in account of "Partial Amendments to Accounting standard for Tax Effect Accounting".
5. Issued subordinated corporate bonds (■Assets and Liabilities) - --Included in interest-bearing debt
6. Free cash flow (■Cash flows) - --[Cash flows from operating activities + Cash flows from investing activities]
7. Capital expenditures (included in total investments) (■Investment) - --[Total investments – Investments for subsidiaries and associates and M&A]
8. As of March 31 for BS-related items
9. From FY23.3 there were changes in accounting policies, etc. Figures for FY22.3 are retroactively applied to the changes. In addition, our tax effect accounting as of the end of FY23.3 was calculated on a group relief basis.
10. From FY24.3 Osaka Gas and some of its domestic consolidated subsidiaries started to apply the Japanese group relief.

Management indices		15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3	24.3
■ Profitability indices											
Operating profit / Net sales ratio	%	6.9	11.1	8.2	6.0	5.0	6.1	8.2	6.2	2.6	8.3
Ordinary profit / Net sales ratio	%	7.1	10.2	8.1	5.9	4.6	6.3	9.4	7.1	3.3	10.9
Profit / Net sales ratio	%	5.0	6.4	5.2	2.9	2.4	3.1	5.9	8.2	2.5	6.4
■ Efficiency indices											
Return on total assets (ROA)	%	4.3	4.6	3.3	2.0	1.7	2.0	3.6	5.3	2.1	4.6
Return on equity (ROE)	%	9.1	9.4	6.6	3.8	3.4	4.2	7.8	11.0	4.3	8.9
Return on invested capital (ROIC)	%	-	-	-	-	-	-	6.2	7.1	2.7	7.0
Total assets turnover	times	0.87	0.72	0.64	0.69	0.70	0.66	0.61	0.65	0.84	0.72
■ Stability indices											
Shareholders' equity / Total assets ratio①	%	47.7	49.5	51.0	52.7	49.5	48.9	50.5	52.5	52.5	55.9
Shareholders' equity / Total assets ratio②	%	47.7	49.5	51.0	52.7	49.5	46.6	46.8	49.1	49.3	52.9
Debt / Equity ratio①	times	0.71	0.63	0.56	0.50	0.64	0.67	0.60	0.54	0.60	0.51
Debt / Equity ratio②	times	0.71	0.63	0.56	0.50	0.64	0.76	0.73	0.64	0.71	0.59
Balance of interest-bearing debts / EBITDA ①	times	3.2	2.5	2.9	3.0	4.1	3.9	3.1	3.4	4.6	2.6
Balance of interest-bearing debts / EBITDA ②	times	3.2	2.5	2.9	3.0	4.1	4.2	3.5	3.8	5.1	2.9
Interest coverage ratio	times	16.56	28.17	15.48	17.75	6.43	15.00	19.82	13.98	2.55	21.65
■ Share indices											
Earnings per share (EPS)	yen/share	184.31	202.64	147.29	90.71	80.80	100.50	194.48	313.69	137.39	320.60
Book value per share (BPS)	yen/share	2,134.92	2,179.23	2,312.68	2,403.68	2,415.37	2,399.06	2,602.18	3,059.40	3,347.34	3,857.50
Cash flow per share (CFPS)	yen/share	377.0	677.3	357.7	405.7	156.6	439.9	528.7	349.6	80.8	755.4
Price earnings ratio (PER)	times	13.64	10.67	14.36	23.15	27.03	20.26	11.09	6.67	15.87	10.58
Price book value ratio (PBR)	times	1.18	0.99	0.91	0.87	0.90	0.85	0.83	0.68	0.65	0.88
Price cash flow ratio (PCFR)	times	6.7	3.2	5.9	5.2	14.0	4.6	4.1	6.0	27.0	4.5
EBITDA①	million yen	199,840	228,883	188,403	167,100	159,916	180,943	227,554	220,946	192,754	328,101
EBITDA②	million yen	192,850	233,421	186,617	166,841	158,820	175,717	213,936	203,808	179,825	296,119
EV	million yen	1,547,556	1,286,413	1,283,406	1,235,033	1,470,535	1,483,904	1,548,130	1,578,308	1,829,117	2,275,687
EV / EBITDA	times	7.74	5.62	6.81	7.39	9.20	8.20	6.80	7.29	9.49	6.94
Dividend per share	yen/share	50.0	50.0	50.0	50.0	50.0	50.0	52.5	57.5	60.0	82.5
Dividend on equity ratio (DOE)	%	2.6	2.5	2.4	2.3	2.2	2.2	2.2	2.2	2.2	2.8
Payout ratio	%	25.8	24.7	33.9	55.1	61.9	49.8	27.0	18.3	43.7	25.7
Dividend Yield	%	1.9	2.3	2.4	2.4	2.3	2.5	2.4	2.8	2.8	2.4
Total shareholders return (TSR)	%	131.0	115.6	115.7	117.5	124.4	119.4	128.2	127.9	135.5	201.6

1. Operating profit / Net sales ratio (■ Profitability indices) - --[Operating profit / Net sales × 100]
2. Ordinary profit / Net sales ratio (■ Profitability indices) - --[Ordinary profit / Net sales × 100]
3. Profit / Net sales ratio (■ Profitability indices) - --[Profit attributable to owners of parent / Net sales × 100]
4. Return on total assets (ROA) (■ Efficiency indices) - --[Profit attributable to owners of parent / Averaged total assets × 100]
5. Return on equity (ROE) (■ Efficiency indices) - --[Profit attributable to owners of parent / Average shareholders' equity × 100]
6. Return on invested capital (ROIC) (■ Efficiency indices) - --[NOPAT / Average Invested capital] NOPAT = Ordinary profit + Financial expenses (Interest expenses - Interest income) - Income taxes. Invested capital = Shareholders' equity + Balance of interest-bearing debts (excluding risk-free leased Liabilities to us)
7. Total assets turnover (■ Efficiency indices) - --[Net sales / Average total assets]
8. ■ Stability indices - Shareholders' equity / Total assets ratio① --- [Shareholders' equity (as of the end of the fiscal year) / Total assets (as of the end of the fiscal year) × 100] Calculated with 50% of issued subordinated corporate bonds as equity
9. ■ Stability indices - Shareholders' equity / Total assets ratio② --- [Shareholders' equity (as of the end of the fiscal year) / Total assets (as of the end of the fiscal year) × 100]
10. ■ Stability indices - Debt / Equity ratio① --- [Interest-bearing debts (as of the end of the fiscal year) / Shareholders' equity (as of the end of the fiscal year)] Calculated with 50% of issued subordinated corporate bonds as equity
11. ■ Stability indices - Debt / Equity ratio② --- [Interest-bearing debts (as of the end of the fiscal year) / Shareholders' equity (as of the end of the fiscal year)]
12. ■ Stability indices - Balance of interest-bearing debts / EBITDA ① --- [Balance of interest-bearing debts (as of the end of the fiscal year) / EBITDA①] Calculated with 50% of issued subordinated corporate bonds as
13. ■ Stability indices - Balance of interest-bearing debts / EBITDA ② --- [Balance of interest-bearing debts (as of the end of the fiscal year) / EBITDA②]
14. Interest coverage ratio (■ Stability indices) - --[Cash flows from operating activities / Interest expenses (including interest on bonds)]
15. ■ Share indices - EBITDA① --- [Operating profit + Depreciation + Amortization of goodwill (BIWAKO BLUE ENERGY Co., Ltd.'s one-time amortization of goodwill is excluded) + Share of profit / loss of entities accounted for using equity method]
16. ■ Share indices - EBITDA② --- [EBITDA ① - share of profit / loss of entities accounted for using equity method]
17. Earnings per share (EPS) (■ Share indices) - --[Profit attributable to owners parent / Average number of shares during each fiscal year (excluding treasury shares)]
18. Book value per share (BPS) (■ Share indices) - --[Shareholders' equity (as of the end of the fiscal year) / Number of shares issued at the end of each fiscal year (excluding treasury shares)]
19. Cash flow per share (CFPS) (■ Share indices) - --[Cash flows from operating activities / Average number of shares during each fiscal year (excluding treasury shares)]
20. Price earnings ratio (PER) (■ Share indices) - --[Share price (as of the end of the fiscal year) / Earnings per share]
21. Price book value ratio (PBR) (■ Share indices) - --[Share price (as of the end of the fiscal year) / Book value per share]
22. Price cash flow ratio (PCFR) (■ Share indices) - --[Share price (as of the end of the fiscal year) / Cash flow per share]
23. EV (■ Share indices) - --[Share price (as of the end of the fiscal year) × Number of shares issued at the end of each fiscal year (excluding treasury shares) + Interest-bearing debts (as of the end of the fiscal year) + Non-controlling interests (as of the end of the fiscal year) - Cash and cash equivalents (as of the end of the fiscal year)]
24. EV / EBITDA (■ Share indices) - --[EV / EBITDA ①]
25. Dividend on equity ratio (DOE) (■ Share indices) - --[Annual dividends / Average Shareholders' equity excluding accumulated other comprehensive income × 100]
26. Payout ratio (■ Share indices) - --[Annual dividends per share / Earnings per share]
27. Dividend Yield (■ Share indices) - --[Annual dividends per share / Share price (as of the end of the fiscal year)]
28. Total shareholders return (TSR) (■ Share indices) - --[(Share price (as of the end of each fiscal year) + Annual dividends per share (accumulated from FY14.3 to each fiscal year)) / Share price (as of the end of FY13.3)]
29. FY18.3 results are calculated taking in account of "Partial Amendments to Accounting standard for Tax Effect Accounting".
30. Prior to March 2017, calculated based on the assumption of the share consolidation in October 2017. (5 share to 1 share)
31. From FY23.3 there were changes in accounting policies, etc. Figures for FY22.3 are retroactively applied to the changes. In addition, our tax effect accounting as of the end of FY23.3 was calculated on a group relief basis.
32. From FY24.3 Osaka Gas and some of its domestic consolidated subsidiaries started to apply the Japanese group relief.

Consolidated Statements of Income		15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3	24.3
Net sales	million yen	1,528,164	1,322,012	1,183,846	1,296,238	1,371,863	1,368,689	1,364,106	1,591,120	2,275,113	2,083,050
Cost of sales	million yen	1,071,021	814,760	745,139	874,437	981,086	961,983	921,777	1,276,354	1,992,892	1,672,681
Gross profit	million yen	457,143	507,251	438,707	421,800	390,777	406,705	442,328	314,766	282,221	410,368
Selling, general and administrative expenses	million yen	352,077	360,576	341,457	343,681	322,800	322,913	329,836	215,564	222,219	237,814
Operating profit	million yen	105,065	146,674	97,250	78,118	67,977	83,792	112,491	99,201	60,001	172,553
Total non-operating income	million yen	22,822	9,867	14,160	15,491	14,600	24,746	32,941	32,767	38,950	78,305
Interest income	million yen	770	448	386	453	584	4,262	2,348	2,017	4,308	10,212
Dividend income	million yen	4,659	3,262	3,163	4,151	4,465	7,070	3,378	3,179	3,894	4,086
Foreign exchange gain	million yen	4,644	-	-	-	-	-	-	-	-	-
Share of profit of entities accounted for using equity method	million yen	6,990	-	1,785	-	-	5,225	13,618	12,841	12,929	31,982
Gain on sales of investment securities in subsidiaries and associates	million yen	-	-	-	-	-	-	3,694	-	-	-
Proceeds from facility contribution	million yen	-	-	2,404	-	-	-	-	-	-	-
Miscellaneous income	million yen	5,757	6,156	6,419	10,886	9,551	8,187	9,901	-	-	-
Other	million yen	-	-	-	-	-	-	-	14,728	17,816	32,024
Total non-operating expenses	million yen	19,714	21,555	15,134	16,522	19,474	22,520	17,680	18,443	23,302	24,295
Loss on valuation of investment securities	million yen	-	-	-	-	-	-	-	-	-	14,436
Interest expenses	million yen	9,475	10,003	9,612	9,505	10,126	12,192	11,087	10,400	13,167	-
Loss on sales of shares of subsidiaries	million yen	-	-	-	2,227	-	-	-	-	-	-
Share of loss of entities accounted for using equity method	million yen	-	4,538	-	-	-	-	-	-	-	-
Miscellaneous expenses	million yen	10,238	7,012	5,521	4,789	9,348	10,327	6,593	-	-	-
Other	million yen	-	-	-	-	-	-	-	8,042	10,134	9,859
Ordinary profit	million yen	108,173	134,986	96,276	77,087	63,103	86,018	127,752	113,525	75,649	226,563

Total extraordinary income	million yen	15,952	2,467	-	-	-	-	-	23,825	17,418	-
Gain on sales of non-current assets	million yen	2,941	2,467	-	-	-	-	-	-	-	-
Gain on sales of investment securities	million yen	13,011	-	-	-	-	-	-	-	17,418	-
Gain on sales of shares of subsidiaries and associates	million yen	-	-	-	-	-	-	-	17,773	-	-
Insurance claim income	million yen	-	-	-	-	-	-	-	6,052	-	-
Extraordinary losses	million yen	2,697	14,588	4,680	11,249	11,038	15,568	19,016	18,349	9,357	30,546
Loss on disaster	million yen	-	-	-	-	2,136	-	-	-	4,887	4,835
Amortization of goodwill	million yen	-	-	-	-	8,901	-	-	-	-	-
Impairment losses	million yen	2,697	14,588	1,744	11,249	-	15,568	19,016	16,013	4,470	20,194
Business restructuring expenses	million yen	-	-	2,935	-	-	-	-	-	-	-
Loss on tax purpose reduction entry of non-current assets	million yen	-	-	-	-	-	-	-	2,335	-	-
Loss on sales of shares of subsidiaries and associates	million yen	-	-	-	-	-	-	-	-	-	5,515
Profit before income taxes	million yen	121,428	122,865	91,596	65,837	52,064	70,449	108,735	119,002	83,710	196,017
Income taxes - current	million yen	38,064	43,394	31,622	31,277	19,683	23,451	33,302	24,274	28,869	31,499
Income taxes - deferred	million yen	4,744	-5,478	-3,233	-4,957	-4,160	4,056	-8,410	-41,107	-3,717	30,390
Total income taxes	million yen	42,808	37,916	28,388	26,319	15,522	27,507	24,891	-16,832	25,151	61,889
Profit	million yen	78,619	84,949	63,207	39,517	36,542	42,942	83,844	135,834	58,558	134,127
Profit attributable to non-controlling interests	million yen	1,910	624	1,936	1,793	2,941	1,153	2,986	5,413	1,448	1,448
Profit attributable to owners of parent	million yen	76,709	84,324	61,271	37,724	33,601	41,788	80,857	130,421	57,110	132,679

1. From FY24.3 Osaka Gas and some of its domestic consolidated subsidiaries started to apply the Japanese group relief.

2. From FY23.3 there were changes in accounting policies, etc. Figures for FY22.3 are retroactively applied to the changes. In addition, our tax effect accounting as of the end of FY23.3 was calculated on a group relief basis.

Consolidated Statements of Comprehensive Income		15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3	24.3
Profit	million yen	78,619	84,949	63,207	39,517	36,542	42,942	83,844	135,834	58,558	134,127
Total other comprehensive income	million yen	27,464	-46,692	14,822	21,072	-8,575	-27,945	24,879	75,070	87,815	99,984
Valuation difference on available-for-sale securities	million yen	16,045	-6,736	7,543	5,306	-6,319	-10,455	28,421	-1,965	142	19,690
Deferred gains or losses on hedges	million yen	-3,232	-3,926	1,401	387	-142	-1,442	-10,143	7,370	16,262	33,297
Revaluation reserve for land	million yen	-	-	-	-	-	-	-	-	-1,209	-
Foreign currency translation adjustment	million yen	10,241	-4,078	-7,506	78	-5,943	-1,638	-13,730	33,136	58,271	39,855
Remeasurements of defined benefit plans	million yen	12,018	-22,528	15,593	12,607	3,457	-6,189	25,536	19,304	-10,590	306
Share of other comprehensive income of entities accounted for using equity method	million yen	-7,608	-9,422	-2,209	2,692	372	-8,219	-5,204	17,224	24,940	6,834
Comprehensive income	million yen	106,084	38,256	78,029	60,590	27,966	14,996	108,723	210,905	146,373	234,112
Comprehensive income attributable to owners of parent	million yen	104,751	39,452	76,301	58,725	25,731	13,728	105,876	204,657	144,648	232,153
Comprehensive income attributable to non-controlling interests	million yen	1,332	-1,196	1,728	1,864	2,235	1,268	2,847	6,247	1,725	1,958

1. From FY23.3 there were changes in accounting policies, etc. Figures for FY22.3 are retroactively applied to the changes. In addition, our tax effect accounting as of the end of FY23.3 was calculated on a group relief basis.

2. From FY24.3 Osaka Gas and some of its domestic consolidated subsidiaries started to apply the Japanese group relief.

Consolidated Balance Sheets		15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3	24.3
Total current assets	million yen	538,337	516,636	482,062	503,281	532,194	560,019	583,347	707,651	780,936	762,479
Cash and deposits	million yen	147,426	209,982	167,583	171,529	116,289	147,201	167,083	131,089	85,087	77,668
Notes and accounts receivable - trade	million yen	187,482	167,246	177,512	190,445	219,206	210,515	211,696	-	-	-
Notes and accounts receivable - trade, and contract assets	million yen	-	-	-	-	-	-	-	227,118	279,602	270,527
Securities	million yen	23,521	-	-	-	-	-	-	-	-	-
Lease receivables and investment in leases	million yen	-	-	24,147	30,459	40,445	47,844	54,634	59,047	58,732	61,502
Inventories	million yen	103,420	79,782	69,778	76,861	112,327	108,092	94,187	145,445	219,380	211,828
Other	million yen	77,802	60,735	44,670	35,490	45,616	47,005	56,349	145,589	139,265	142,101
Allowance for doubtful accounts	million yen	-1,315	-1,110	-1,629	-1,504	-1,691	-640	-602	-639	-1,132	-1,148
Total non-current assets	million yen	1,323,864	1,313,119	1,404,514	1,393,948	1,497,528	1,580,462	1,730,009	1,880,434	2,038,652	2,217,647
Total property, plant and equipment	million yen	895,398	911,659	912,737	881,822	907,728	1,014,572	1,070,610	1,156,281	1,243,788	1,304,945
Production facilities	million yen	75,370	89,192	91,943	89,523	85,086	84,258	89,701	-	-	-
Distribution facilities	million yen	304,286	297,424	286,889	275,331	265,421	264,657	268,755	-	-	-
Service and maintenance facilities	million yen	64,206	60,257	58,912	56,924	55,176	55,072	53,481	-	-	-
Other facilities	million yen	295,387	291,836	387,286	393,116	427,821	542,101	546,456	-	-	-
Buildings and structures, net	million yen	-	-	-	-	-	-	-	188,637	187,685	195,216
Machinery and vehicles, net	million yen	-	-	-	-	-	-	-	580,547	616,247	660,691
Land	million yen	-	-	-	-	-	-	-	222,350	231,327	242,068
Construction in progress	million yen	156,146	172,949	87,706	66,925	74,222	68,482	112,215	138,915	182,611	179,896
Other, net	million yen	-	-	-	-	-	-	-	25,831	25,917	27,071
Intangible assets	million yen	98,680	89,613	77,483	79,743	109,297	98,322	97,912	95,251	105,120	109,243
Goodwill	million yen	21,183	-	-	-	-	-	-	-	-	-
Other	million yen	77,947	-	-	-	-	-	-	-	-	-
Total investments and other assets	million yen	329,784	311,846	414,293	432,382	480,502	467,568	561,487	628,901	689,743	803,458
Investment securities	million yen	230,958	236,774	316,981	323,212	359,737	332,200	377,074	359,225	440,911	538,803
Long-term loans receivable	million yen	-	-	-	18,412	22,862	25,981	25,686	-	-	-
Retirement benefit asset	million yen	55,336	25,154	38,615	46,405	49,074	44,264	83,494	118,693	116,038	126,854
Deferred tax assets	million yen	-	-	-	-	-	-	25,933	64,481	35,148	-
Other	million yen	45,405	51,729	60,073	45,597	49,389	65,924	50,099	87,232	98,343	138,611
Allowance for doubtful accounts	million yen	-1,914	-1,811	-1,376	-1,245	-562	-802	-800	-731	-699	-811
Total assets	million yen	1,862,201	1,829,756	1,886,577	1,897,230	2,029,722	2,140,482	2,313,357	2,588,086	2,819,589	2,980,127

Total current liabilities	million yen	284,537	299,336	262,269	324,142	353,212	312,312	322,784	400,190	459,798	393,936
Current portion of non-current liabilities	million yen	55,731	54,521	50,267	68,548	60,134	71,294	71,981	-	-	-
Notes and accounts payable - trade	million yen	54,610	53,882	50,246	58,542	66,087	59,363	60,453	104,935	69,142	82,907
Short-term borrowings	million yen	26,832	25,916	23,118	22,179	22,751	-	-	-	-	-
Income taxes payable	million yen	30,835	33,834	22,942	-	-	-	27,514	-	-	-
Other	million yen	116,527	131,181	115,695	174,872	204,240	181,654	162,834	295,254	390,656	311,029
Total non-current liabilities	million yen	658,794	594,633	632,436	544,288	641,465	800,502	875,975	891,806	942,611	981,198
Bonds payable	million yen	240,666	184,975	194,979	164,984	144,989	289,993	354,995	364,998	425,018	459,999
Long-term borrowings	million yen	309,848	300,588	267,666	243,255	367,418	363,757	333,263	350,502	386,516	354,588
Deferred tax liabilities	million yen	36,981	21,864	26,451	22,847	22,811	-	41,845	-	-	54,754
Provision for gas holder repairs	million yen	1,722	1,649	1,416	1,326	1,247	1,290	1,138	-	-	-
Provision for safety measures	million yen	8,451	12,549	10,897	12,936	11,207	9,339	8,892	-	-	-
Provision for loss on investment	million yen	6,999	6,999	6,999	6,999	-	-	-	-	-	-
Provision for loss on guarantees	million yen	1,589	1,757	-	-	-	-	-	-	-	-
Provision for gas appliance warranties	million yen	2,895	8,377	14,282	13,607	12,454	13,074	12,195	-	-	-
Retirement benefit liability	million yen	16,484	18,145	18,709	16,958	17,228	17,590	18,758	18,853	19,703	19,611
Other	million yen	33,154	37,725	91,033	61,371	64,108	105,455	104,886	157,452	111,372	92,245
Total liabilities	million yen	943,331	893,970	894,706	868,430	994,678	1,112,815	1,198,759	1,291,996	1,402,410	1,375,135
Total shareholders'equity	million yen	799,613	862,613	902,865	919,527	932,167	952,160	1,011,530	1,127,030	1,159,295	1,246,360
Share capital	million yen	132,166	132,166	132,166	132,166	132,166	132,166	132,166	132,166	132,166	132,166
Capital surplus	million yen	19,488	19,320	19,319	19,222	19,222	19,483	19,469	19,071	19,096	19,056
Retained earnings	million yen	648,896	712,401	752,872	769,801	782,523	802,313	861,746	977,907	1,010,078	1,097,883
Treasury shares	million yen	-938	-1,275	-1,492	-1,663	-1,744	-1,802	-1,852	-2,115	-2,045	-2,746
Total accumulated other comprehensive income	million yen	88,882	44,010	59,040	80,042	72,172	45,332	70,350	144,586	232,125	331,152
Valuation difference on available-for-sale securities	million yen	50,868	44,143	51,678	56,977	50,617	41,336	69,811	67,905	68,085	87,899
Deferred gains or losses on hedges	million yen	-6,519	-12,347	-9,500	-7,650	-4,007	-14,161	-30,365	-15,313	25,268	61,656
Revaluation reserve for land	million yen	-737	-737	-737	-737	-737	-737	-737	-737	-1,947	-2,395
Foreign currency translation adjustment	million yen	39,341	28,924	17,993	19,530	11,189	10,085	-2,383	39,108	97,838	140,583
Remeasurements of defined benefit plans	million yen	5,929	-15,972	-393	11,922	15,110	8,809	34,025	53,624	42,881	43,407
Non-controlling interests	million yen	30,373	29,162	29,965	29,229	30,704	30,174	32,716	24,472	25,757	27,479
Total net assets	million yen	918,869	935,786	991,870	1,028,799	1,035,044	1,027,667	1,114,597	1,296,089	1,417,178	1,604,992
Liabilities and net assets	million yen	1,862,201	1,829,756	1,886,577	1,897,230	2,029,722	2,140,482	2,313,357	2,588,086	2,819,589	2,980,127

1. Total shareholders'equity - ---Shareholders' equity excluding accumulated other comprehensive income

2. From FY23.3 there were changes in accounting policies, etc. Figures for FY22.3 are retroactively applied to the changes. In addition, our tax effect accounting as of the end of FY23.3 was calculated on a group relief basis.

3. From FY24.3 Osaka Gas and some of its domestic consolidated subsidiaries started to apply the Japanese group relief.

4. FY18.3 results are calculated taking in account of "Partial Amendments to Accounting standard for Tax Effect Accounting".

Consolidated Statements of Cash Flows		15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3	24.3
Profit before income taxes	million yen	121,428	122,865	91,596	65,837	52,064	70,449	108,735	119,002	83,710	196,017
Depreciation	million yen	87,785	86,747	86,206	88,723	99,745	91,925	101,444	108,902	119,823	123,565
Amortization of long-term prepaid expenses	million yen	5,411	5,369	5,389	5,207	5,000	5,159	5,106	5,431	5,687	6,437
Impairment losses	million yen	2,697	14,588	1,744	11,249	-	15,568	19,016	16,013	4,470	20,194
Loss on disaster	million yen	-	-	-	-	-	-	-	-	-	4,835
Business restructuring expenses	million yen	-	-	2,935	-	-	-	-	-	-	-
Loss on sales of shares of subsidiaries	million yen	-	-	-	2,227	-	-	-	-	-	-
Proceeds from facility contribution	million yen	-	-	-2,404	-	-	-	-	-	-	-
Increase (decrease) in provision for safety measures	million yen	-2,379	4,097	-	-	-	-	-	-	-	-
Increase (decrease) in provision for loss on quarantees	million yen	1,589	-	-	-	-	-	-	-	-	-
Increase (decrease) in provision for gas appliance warranties	million yen	2,895	5,482	5,904	-	-	-	-	-	-	-
Decrease (increase) in retirement benefit asset	million yen	-2,996	-	8,221	8,828	3,057	-3,511	-3,366	-8,502	-11,608	-10,890
Interest and dividend income	million yen	-5,430	-3,711	-3,550	-4,605	-5,049	-11,332	-5,726	-5,196	-8,203	-14,298
Interest expenses	million yen	9,475	10,003	9,612	9,505	10,126	12,192	11,087	10,400	13,167	14,436
Share of loss (profit) of entities accounted for using equity method	million yen	-6,990	4,538	-1,785	-	-	-5,225	-13,618	-12,841	-12,929	-31,982
Loss (gain) on sales of investment securities	million yen	-13,011	-	-	-	-	-	-	-3,319	-17,418	-
Loss (gain) on sales of investment securities in subsidiaries and associates	million yen	-	-	-	-	-	-	-3,694	-	-	5,515
Loss (gain) on valuation of investment securities	million yen	-	-	-	-	-	-	-	-	-	-
Loss(gain) on sales of fixed asset	million yen	-2,941	-2,467	-	-	-	-	-	-	-	-
Loss on Disposal of Fixed asset	million yen	1,666	-	-	-	-	-	-	-	-	-
Loss on tax purpose reduction entry of non-current assets	million yen	-	-	-	-	-	-	-	2,335	-	-
Decrease (increase) in trade receivables	million yen	4,132	23,852	-11,151	-15,519	-27,714	12,239	-1,203	-51,737	-47,671	13,158
Decrease (increase) in inventories	million yen	-14,935	24,346	9,166	-8,136	-35,078	4,014	26,113	-47,701	-65,358	19,647

Increase (decrease) in trade payables	million yen	-5,371	-2,275	-3,428	10,380	6,895	664	1,200	41,607	-40,794	12,056
Increase (decrease) in accrued expenses	million yen	-2,361	-6,294	-968	2,276	6,068	3,316	-124	11,109	11,936	-6,168
Increase (decrease) in accrued consumption taxes	million yen	11,402	-	-11,776	4,854	-4,085	4,568	-	-	-	-9,895
Other, net	million yen	4,663	35,016	7,563	12,898	-20,253	-3,645	-5,335	-40,738	13,881	10,290
Subtotal	million yen	196,731	322,161	193,274	193,729	90,776	196,384	239,635	144,768	48,692	352,920
Interest and dividends received	million yen	8,678	6,387	7,700	10,815	13,523	21,844	15,461	50,615	14,972	19,659
Interest paid	million yen	-9,592	-10,224	-9,657	-9,315	-10,186	-12,280	-11,375	-10,559	-12,367	-14,331
Income taxes paid	million yen	-38,909	-36,504	-42,516	-26,498	-28,997	-23,056	-23,924	-39,474	-17,723	-45,638
Net cash provided by (used in) operating activities	million yen	156,908	281,819	148,801	168,731	65,116	182,892	219,797	145,350	33,572	312,609
Purchase of securities	million yen	-2,997	-	-	-	-	-	-	-	-	-
Purchase of property, plant and equipment	million yen	-105,082	-109,910	-83,435	-73,082	-80,099	-117,574	-169,607	-173,450	-172,079	-174,646
Proceeds from sales of property, plant and equipment	million yen	8,285	5,486	-	-	-	-	-	1,096	3,616	-
Purchase of intangible assets	million yen	-9,600	-7,646	-9,286	-5,977	-21,943	-9,173	-13,148	-14,547	-22,069	-12,720
Purchase of long-term prepaid expenses	million yen	-4,956	-5,383	-6,463	-5,799	-6,150	-9,045	-6,320	-8,396	-7,141	-6,326
Purchase of investment securities	million yen	-	-	-	-	-4,680	-7,997	-7,088	-5,304	-8,995	-5,544
Proceeds from sales of investment securities	million yen	14,142	-	-	-	-	-	-	4,136	21,086	3,292
Purchase of shares of subsidiaries and associates	million yen	-18,495	-25,975	-32,810	-15,385	-68,760	-22,965	-6,309	-9,784	-27,816	-33,770
Proceeds from sales of shares of subsidiaries and associates	million yen	4,807	-	-	-	-	-	-	52,302	4,414	7,843
Purchase of shares of subsidiaries resulting in change in scope of consolidation	million yen	-	-1,998	0	-6,602	-22,808	-63,350	-5,914	-	-564	-3,078
Proceeds from sale of shares of subsidiaries resulting in change in scope of consolidation	million yen	-	414	577	2,485	-	558	8,723	-	3,649	1,890
Proceeds from collection of long-term loans receivable	million yen	-	-7,791	-5,117	-3,000	-5,133	-5,443	-	-	3,544	3,457
Collection of long-term loans receivable	million yen	-	-	-	-	-	-	-	4,800	-	-
Payments into time deposits	million yen	-	-	-	-	-	-	-	-	-	-
Proceeds from withdrawal of time deposits	million yen	-	4,430	-	-	-	-	-	-	-	-
Other, net	million yen	3,193	4,175	-991	-3,093	5,382	2,724	1,311	-3,016	-1,581	3,658
Net cash provided by (used in) investing activities	million yen	-110,704	-144,198	-137,527	-110,456	-204,192	-232,266	-198,354	-152,163	-203,938	-215,944

Payments from changes in ownership interests in subsidiaries that do not result in change in scope of consolidation	million yen	-	-3,603	-	-	-	-	-	-	-	-	-
Net increase (decrease) in commercial papers	million yen	-	-	-	-	46,000	-46,000	-	-	68,999	-45,005	-
Net increase (decrease) in short-term loans payable	million yen	-19,939	-	-	-	-	-	-14,659	-	-	-3,581	-
Proceeds from long-term borrowings	million yen	71,650	15,456	19,248	18,719	129,306	44,170	35,946	42,844	80,069	26,876	-
Repayments of long-term borrowings	million yen	-17,420	-25,298	-18,763	-48,399	-37,759	-47,418	-44,572	-60,388	-39,566	-63,933	-
Proceeds from issuance of bonds	million yen	30,000	-	10,000	-	-	175,000	75,000	40,000	70,000	35,000	-
Redemption of bonds	million yen	-21,590	-53,131	-35,700	-	-30,000	-20,000	-30,000	-10,000	-30,000	-10,020	-
Repayments of finance lease liabilities	million yen	-	-	-	-	-	-	-	-	-	-3,394	-
Proceeds from share issuance to non-controlling shareholders	million yen	-	190	133	400	195	240	206	402	340	385	-
Purchase of treasury shares	million yen	-	-	-	-	-	-	-	-	-	-20,056	-
Dividends paid	million yen	-18,742	-20,809	-20,803	-20,800	-20,801	-20,799	-20,793	-22,857	-24,929	-25,962	-
Dividends paid to non-controlling interests	million yen	-	-602	-948	-1,218	-980	-1,165	-749	-7,859	-778	-625	-
Repayments to non-controlling shareholders	million yen	-	-	-	-	-	-	-	-9,700	-37	-	-
Other, net	million yen	-1,066	-2,918	-3,696	-292	-698	-4,754	-2,013	-2,920	-4,481	193	-
Net cash provided by (used in) financing activities	million yen	22,892	-90,716	-50,530	-51,591	85,262	79,272	-1,636	-30,479	119,617	-110,123	-
Effect of exchange rate change on cash and cash equivalents	million yen	3,336	-328	-3,197	666	-1,478	1,145	838	1,299	4,772	5,893	-
Net increase (decrease) in cash and cash equivalents	million yen	72,433	46,574	-42,454	7,349	-55,292	31,043	20,644	-35,993	-45,975	-7,564	-
Cash and cash equivalents at beginning of period	million yen	90,359	162,793	209,367	166,912	171,061	115,769	146,813	166,762	130,769	84,793	-
Decrease in cash and cash equivalents resulting from exclusion of subsidiaries from consolidation	million yen	-	-	-	-3,200	-	-	-695	-	-	-	-
Cash and cash equivalents at end of period	million yen	162,793	209,367	166,912	171,061	115,769	146,813	166,762	130,769	84,793	77,229	-

1. From FY23.3 there were changes in accounting policies, etc. Figures for FY22.3 are retroactively applied to the changes. In addition, our tax effect accounting as of the end of FY23.3 was calculated on a group relief basis.

2. From FY24.3 Osaka Gas and some of its domestic consolidated subsidiaries started to apply the Japanese group relief.

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Segment information		15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3	24.3
■ Net sales											
Consolidated	million yen	1,528,164	1,322,012	1,183,846	1,296,238	1,371,863	1,368,689	1,364,106	1,591,120	2,275,113	2,083,050
Gas(-17.3)	million yen	1,136,975	948,501	802,331	-	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	243,746	206,433	209,026	-	-	-	-	-	-	-
Domestic Energy / Gas(-21.3)	million yen	-	-	-	976,269	1,012,642	976,963	916,089	-	-	-
Domestic Energy / Electricity(-21.3)	million yen	-	-	-	157,752	184,313	201,561	247,291	-	-	-
Domestic Energy	million yen	-	-	-	-	-	-	-	1,340,784	1,971,694	1,770,666
International Energy	million yen	13,714	18,701	22,632	22,570	40,489	61,254	69,199	80,779	123,299	116,448
Life & Business Solutions	million yen	207,521	221,702	217,600	201,472	210,914	219,432	216,585	237,086	258,543	274,026
Adjustments	million yen	-73,793	-73,326	-67,742	-61,827	-76,497	-90,522	-85,059	-67,091	-78,423	-78,091
■ Segment profit											
Consolidated	million yen	112,055	142,136	99,036	78,376	69,073	89,018	126,109	112,043	72,931	204,536
Gas(-17.3)	million yen	50,293	95,724	48,123	-	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	41,697	28,852	22,075	-	-	-	-	-	-	-
Domestic Energy / Gas(-21.3)	million yen	-	-	-	42,987	35,809	53,200	65,335	-	-	-
Domestic Energy / Electricity(-21.3)	million yen	-	-	-	20,714	8,724	7,855	15,032	-	-	-
Domestic Energy	million yen	-	-	-	-	-	-	-	44,157	-27,324	92,267
International Energy	million yen	1,261	-277	7,477	-5,338	5,974	8,162	22,115	44,330	69,718	79,643
Life & Business Solutions	million yen	16,581	18,834	20,414	18,284	17,714	19,676	19,250	23,516	29,237	31,039
Adjustments	million yen	2,221	-997	944	1,728	850	122	4,375	39	1,300	1,586
Profit (Loss) on Profit/ Loss on time-lag effect	million yen	12,362	81,712	13,789	519	-13,273	6,513	1,696	-62,321	-34,711	28,523
Amount of recognizing actual gains and losses and past service costs (impact on profit)	million yen	-447	-676	-8,906	-9,272	-2,591	3,396	2,884	7,146	10,289	9,701
■ Segment assets											
Consolidated	million yen	1,862,201	1,829,756	1,886,577	1,897,230	2,029,722	2,140,482	2,313,357	2,588,086	2,819,589	2,980,127
Gas(-17.3)	million yen	818,202	772,825	766,272	-	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	177,652	172,223	183,507	-	-	-	-	-	-	-
Domestic Energy / Gas(-21.3)	million yen	-	-	-	865,154	866,906	911,159	955,934	-	-	-
Domestic Energy / Electricity(-21.3)	million yen	-	-	-	157,519	165,322	208,403	274,463	-	-	-
Domestic Energy	million yen	-	-	-	-	-	-	-	1,522,813	1,576,809	1,588,251
International Energy	million yen	368,002	401,590	453,804	462,351	572,881	625,410	634,126	677,097	829,581	941,579
Life & Business Solutions	million yen	394,950	411,459	413,448	350,138	374,311	390,693	419,172	438,178	453,058	491,252
Adjustments	million yen	103,393	71,657	69,544	62,066	50,300	4,815	29,659	-50,002	-39,860	-40,956

■ Segment profit / Segment assets ratio

Consolidated	%	6.3	7.7	5.3	4.1	3.5	4.3	5.7	4.6	2.7	7.1
Gas(-17.3)	%	6.4	12.0	6.3	-	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	%	23.5	16.5	12.4	-	-	-	-	-	-	-
Domestic Energy / Gas(-21.3)	%	-	-	-	5.0	4.1	6.0	7.0	-	-	-
Domestic Energy / Electricity(-21.3)	%	-	-	-	14.7	5.4	4.2	6.2	-	-	-
Domestic Energy	%	-	-	-	-	-	-	-	3.2	-0.0	5.8
International Energy	%	0.4	-0.0	1.7	-0.0	1.2	1.4	3.5	6.8	9.3	9.0
Life & Business Solutions	%	4.2	4.7	4.9	5.3	4.9	5.1	4.8	5.5	6.6	6.6

■ Depreciation + Amortization of goodwill

Consolidated	million yen	87,785	86,747	86,206	88,723	99,745	91,925	101,444	108,902	119,822	123,564
Gas(-17.3)	million yen	57,143	56,396	56,467	-	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	11,744	10,239	8,918	-	-	-	-	-	-	-
Domestic Energy / Gas(-21.3)	million yen	-	-	-	57,789	64,541	55,511	57,119	-	-	-
Domestic Energy / Electricity(-21.3)	million yen	-	-	-	6,868	8,190	7,681	8,943	-	-	-
Domestic Energy	million yen	-	-	-	-	-	-	-	75,027	77,114	76,309
International Energy	million yen	6,581	7,173	8,327	12,165	15,228	16,818	23,322	21,249	30,131	34,287
Life & Business Solutions	million yen	13,104	13,803	13,265	12,913	13,173	13,382	14,007	15,356	15,754	16,338
Adjustments	million yen	-788	-865	-772	-1,013	-1,389	-1,469	-1,948	-2,730	-3,178	-3,370

■ EBITDA

Consolidated	million yen	199,840	228,883	188,403	167,100	159,916	180,943	227,554	220,946	192,754	328,101
Gas(-17.3)	million yen	107,437	152,120	104,590	-	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	53,441	39,092	30,994	-	-	-	-	-	-	-
Domestic Energy / Gas(-21.3)	million yen	-	-	-	100,777	91,449	108,712	122,455	-	-	-
Domestic Energy / Electricity(-21.3)	million yen	-	-	-	27,583	16,915	15,537	23,975	-	-	-
Domestic Energy	million yen	-	-	-	-	-	-	-	113,721	49,790	168,576
International Energy	million yen	7,842	6,895	15,805	6,827	21,202	24,980	45,437	65,579	99,849	113,930
Life & Business Solutions	million yen	29,686	32,638	33,680	31,198	30,887	33,059	33,258	38,872	44,991	47,377
Adjustments	million yen	1,432	-1,862	171	715	-538	-1,346	2,427	-1,524	-1,878	-1,784

■ Investment in entities accounted for using equity method

Consolidated	million yen	90,735	109,997	180,157	192,234	230,703	210,647	210,091	191,659	260,406	329,808
Gas(-17.3)	million yen	-	-	260	-	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	5,845	4,698	4,996	-	-	-	-	-	-	-
Domestic Energy / Gas(-21.3)	million yen	-	-	-	13,554	14,405	14,408	15,256	-	-	-
Domestic Energy / Electricity(-21.3)	million yen	-	-	-	1,421	2,477	470	3,922	-	-	-
Domestic Energy	million yen	-	-	-	-	-	-	-	23,893	38,754	53,340
International Energy	million yen	76,380	98,314	171,026	177,258	213,821	195,768	190,912	167,765	221,652	276,468
Life & Business Solutions	million yen	8,509	6,983	3,874	-	-	-	-	-	-	-

■ Capital expenditures											
Consolidated	million yen	119,398	114,418	88,657	81,716	107,259	131,010	189,454	189,317	195,330	198,421
Gas(-17.3)	million yen	49,222	60,194	50,530	-	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	15,326	15,369	7,676	-	-	-	-	-	-	-
Domestic Energy / Gas(-21.3)	million yen	-	-	-	46,426	48,139	66,007	80,174	-	-	-
Domestic Energy / Electricity(-21.3)	million yen	-	-	-	13,477	16,188	26,809	47,592	-	-	-
Domestic Energy	million yen	-	-	-	-	-	-	-	114,879	104,119	103,659
International Energy	million yen	38,525	20,714	15,167	6,187	24,760	8,914	29,270	35,932	54,220	53,294
Life & Business Solutions	million yen	17,205	19,934	17,283	17,175	19,888	32,216	35,601	43,094	39,312	45,136
Adjustments	million yen	-881	-1,794	-2,000	-1,551	-1,717	-2,937	-3,185	-4,589	-2,321	-3,667
■ R&D expenses											
Consolidated	million yen	11,434	11,340	10,374	9,708	10,961	10,174	9,440	9,500	9,627	9,886
Gas(-17.3)	million yen	8,785	8,553	7,728	-	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	78	83	101	-	-	-	-	-	-	-
Domestic Energy / Gas(-21.3)	million yen	-	-	-	7,501	7,107	7,271	6,645	-	-	-
Domestic Energy	million yen	-	-	-	-	-	-	-	6,741	6,682	6,668
Life & Business Solutions	million yen	2,570	2,703	2,544	2,206	3,854	2,902	2,795	2,759	2,944	3,218
■ Number of employees											
Consolidated	Number of persons	20,982	20,844	20,762	19,997	20,224	20,543	20,941	20,961	21,017	21,159
Gas(-17.3)	Number of persons	11,562	10,817	10,630	-	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	Number of persons	1,349	1,418	1,438	-	-	-	-	-	-	-
Domestic Energy / Gas(-21.3)	Number of persons	-	-	-	10,809	10,973	10,933	11,146	-	-	-
Domestic Energy / Electricity(-21.3)	Number of persons	-	-	-	387	395	415	268	-	-	-
Domestic Energy	Number of persons	-	-	-	-	-	-	-	11,382	11,311	11,279
International Energy	Number of persons	135	147	157	191	194	287	292	239	338	361
Life & Business Solutions	Number of persons	7,936	8,462	8,537	8,610	8,662	8,908	9,235	9,340	9,348	9,519

1. ■ Segment profit - ---[Operating profit + Share of profit (loss) of entities accounted for using equity method]

2. Profit (Loss) on Profit/ Loss on time-lag effect (■ Segment profit) - --Temporary increase (decrease) in profit until the fluctuation in feedstock costs is reflected in the unit selling price of city gas and electricity under the gas/fuel cost adjustment system. Including time-lag effect of electricity business from FY21.3.

3. ■ Segment profit / Segment assets ratio - ---[Segment profit / Average segment assets × 100]

4. ■ Segment profit / Segment assets ratio - For the Segment profit / Segment assets ratio for International Energy for FY16.3 and FY18.3 and for Domestic Energy for FY23.3, the corresponding items are shown as -0.01 just for the convenience of the graph presentation instead of being blank because of the negative segment profits.

5. ■ EBITDA - ---[Operating profit + Depreciation + Amortization of goodwill (BIWAKO BLUE ENERGY Co., Ltd.'s one-time amortization of goodwill is excluded) + Share of profit (loss) of entities accounted for using equity method]

6. From FY15.3, renewable energy business, previously segmented in "Environment and non-energies" has been in either "LPG, Electricity, and Other Energy" or "International Energy" depending on the nature of business. "Environment and non-energies" has been changed to "Life & Business Solutions".

7. From FY18.3, we reviewed the segmentation of our business segments and reorganized them. Businesses including power generation and electricity sales, which were previously included in "LPG, Electricity and Other Energy" will be spun off into a separate segment, which will be named "Domestic Energy / Electricity". In addition, sales of LNG, LPG and industrial gas and other gas-related businesses will be integrated into the Gas segment, which will be renamed to "Domestic Energy / Gas".

8. FY18.3 results are calculated taking in account of "Partial Amendments to Accounting standard for Tax Effect Accounting".

9. From FY19.3, Osaka Gas Engineering Co., Ltd. changed its segment from "Life & Business Solutions" to "Domestic Energy / Gas". FY18.3 results are calculated based on the contents after the change, excluding R&D expenses and the number of employees.

10. From FY21.3, Gas and Power Co.,Ltd.(Domestic Energy / Electricity) was merged into Daigas Gas and Power Solution Co., Ltd.(Domestic Energy / Gas). FY20.3 Results are calculated based on this change, excluding R&D expenses and the number of employees.

11. From FY22.3, "Domestic Energy / Gas" and "Domestic Energy / Electricity" were integrated into "Domestic Energy". Osaka Gas International Transport Inc. etc, which were previously included in "International Energy," were transferred into "Domestic Energy". Osaka Gas' operating expenses for International Energy, which was previously included in "Domestic Energy / Gas," was transferred into "International Energy".

Breakdown of Domestic Energy		15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3	24.3
■ Net sales											
Gas(-17.3)	million yen	1,136,975	948,501	802,331	-	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	-	-	-	976,269	1,012,642	976,963	916,089	-	-	-
Domestic Energy / Gas(-21.3)	million yen	243,746	206,433	209,026	-	-	-	-	-	-	-
Domestic Energy / Electricity(-21.3)	million yen	-	-	-	157,752	184,313	201,561	247,291	-	-	-
Domestic Energy	million yen	-	-	-	-	-	-	-	1,340,784	1,971,694	1,770,666
Osaka Gas Co., Ltd.	million yen	1,251,835	1,039,733	906,854	1,039,629	1,104,537	1,084,389	1,053,584	1,207,683	1,716,757	1,565,354
Osaka Gas Housing & Equipment Co., Ltd.	million yen	14,953	15,481	16,992	17,671	17,832	17,705	-	-	-	-
OGCTS Co., Ltd.1	million yen	24,949	23,039	26,514	27,013	30,082	32,398	-	-	-	-
Osaka Gas Network Co., Ltd.	million yen	-	-	-	-	-	-	-	-	216,279	212,621
Osaka Gas Marketing Co., Ltd.	million yen	-	-	-	-	-	-	44,519	45,647	50,347	56,134
Daigas Energy Co., Ltd.	million yen	-	-	-	-	-	-	41,956	49,614	63,450	61,954
Osaka Gas International Transport Inc.	million yen	-	-	-	-	-	-	-	23,780	28,642	56,269
■ Segment profit											
Gas(-17.3)	million yen	50,293	95,724	48,123	-	-	-	-	-	-	-
Domestic Energy / Gas(-21.3)	million yen	-	-	-	42,987	35,809	53,200	65,335	-	-	-
Share of profit (loss) of entities accounted for using equity method (Domestic Energy / Gas)(-21.3)	million yen	-248	44	67	943	1,031	534	1,050	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	41,697	28,852	22,075	-	-	-	-	-	-	-
Domestic Energy / Electricity(-21.3)	million yen	-	-	-	20,714	8,724	7,855	15,032	-	-	-
Share of profit (loss) of entities accounted for using equity method (Domestic Energy / Electricity)(-21.3)	million yen	-570	-904	388	146	-625	-517	-706	-	-	-
Domestic Energy	million yen	-	-	-	-	-	-	-	44,157	-27,324	92,267
Osaka Gas Co., Ltd.	million yen	80,190	112,054	55,345	47,722	27,946	45,788	60,496	15,635	-90,251	45,162
Osaka Gas Housing & Equipment Co., Ltd.(-20.3)	million yen	264	357	570	568	610	710	-	-	-	-
OGCTS Co., Ltd.(-20.3)	million yen	1,353	1,455	2,081	1,958	2,221	2,224	-	-	-	-
Osaka Gas Network Co., Ltd.	million yen	-	-	-	-	-	-	-	-	13,554	11,728
Osaka Gas Marketing Co., Ltd.	million yen	-	-	-	-	-	-	3,649	3,978	4,340	5,061
Daigas Energy Co., Ltd.	million yen	-	-	-	-	-	-	3,169	4,789	5,598	5,457
Osaka Gas International Transport Inc.	million yen	-	-	-	-	-	-	-	1,677	-3,939	3,957
Share of profit (loss) of entities accounted for using equity method (Domestic Energy)	million yen	-	-	-	-	-	-	-	2,253	4,043	3,845

1. Osaka Gas Network Co., Ltd. (■ Net sales) - --From April 2022, Osaka Gas Co., Ltd. implemented the legal separation of the gas pipeline business.
2. ■ Segment profit - Segment profit ---[Operating profit + Share of profit (loss) of entities accounted for using equity method]
3. OGCTS Co., Ltd.(-20.3) (■ Segment profit) - --The company name changed from Creative Techno Solution Co., Ltd. to OGCTS Co., Ltd. from January 1st, 2015.
4. Daigas Energy Co., Ltd. (■ Segment profit) - --In April 2020, Osaka Gas Marketing Co., Ltd. took over the housing equipment sales and renovation business in Osaka Gas Housing & Equipment Co., Ltd. and OGCTS Co., Ltd. were merged into Daigas Energy Co., Ltd.
5. From FY15.3, renewable energy business, previously segmented in "Environment and non-energies" has been in either "LPG, Electricity, and Other Energy" or "International Energy" depending on the nature of business. "Environment and non-energies" has been changed to "Life & Business Solutions".
6. From FY18.3, we reviewed the segmentation of our business segments and reorganized them. Businesses including power generation and electricity sales, which were previously included in "LPG, Electricity and Other Energy " will be spun off into a separate segment, which will be named "Domestic Energy / Electricity". In addition, sales of LNG, LPG and industrial gas and other gas-related businesses will be integrated into the Gas segment, which will be renamed to "Domestic Energy / Gas".
7. From FY19.3, Osaka Gas Engineering Co., Ltd. changed its segment from "Life & Business Solutions" to "Domestic Energy / Gas". FY18.3 results are calculated based on the contents after the change, excluding R&D expenses and the number of employees.
8. From FY21.3, Gas and Power Co.,Ltd.(Domestic Energy / Electricity) was merged into Daigas Gas and Power Solution Co., Ltd.(Domestic Energy / Gas). FY20.3 Results are calculated based on this change, excluding R&D expenses and the number of employees.
9. From FY22.3, "Domestic Energy / Gas" and "Domestic Energy / Electricity" were integrated into "Domestic Energy". Osaka Gas International Transport Inc. etc, which were previously included in "International Energy," were transferred into "Domestic Energy". Osaka Gas' operating expenses for International Energy, which was previously included in "Domestic Energy / Gas," was transferred into "International Energy".

Domestic Energy/Business data		15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3	24.3
■ Profit of gas business/ Osaka Gas											
Sales from gas business	million yen	941,414	759,522	616,631	662,475	679,170	640,724	551,187	582,617	858,724	763,234
Raw material costs (impact on profit)	million yen	-595,786	-367,761	-286,621	-345,488	-393,279	-345,135	-239,951	-355,562	-628,413	-495,710
Gross profit of gas business	million yen	345,627	391,761	330,010	316,986	285,891	295,588	311,236	227,055	230,311	267,523
Profit (Loss) on Profit/ Loss on time-lag effect (Gas)	million yen	12,362	81,712	13,789	519	-13,273	6,513	-1,670	-44,784	-16,405	14,606
■ Domestic gas sales volume											
Non-consolidated gas sales volume total	million m3	8,259	8,021	8,662	8,546	7,901	7,324	7,121	-	-	-
Residential/ Osaka Gas (-21.3)	million m3	2,186	2,083	2,103	2,160	1,892	1,798	1,862	-	-	-
Non-Residential/ Osaka Gas (-21.3)	million m3	-	-	-	6,387	6,010	5,526	5,259	-	-	-
Commercial(-17.3)	million m3	857	833	844	-	-	-	-	-	-	-
Public and medical(-17.3)	million m3	608	577	618	-	-	-	-	-	-	-
Industrial(-17.3)	million m3	4,133	4,059	4,609	-	-	-	-	-	-	-
Wholesale(-17.3)	million m3	474	469	489	-	-	-	-	-	-	-
Supply for non-regulated customers(-17.3)	million m3	4,755	4,647	5,218	-	-	-	-	-	-	-
Monthly gas sales volume per household	m3/month	30.9	29.3	29.3	30.8	28.7	29.2	31.6	31.8	-	-
Domestic gas sales volume total (Consolidated)	million m3	8,290	8,052	8,694	8,580	7,935	7,362	7,157	7,090	6,845	6,646
Residential	million m3	-	-	-	-	-	-	-	1,849	1,697	1,721
Non-Residential	million m3	-	-	-	-	-	-	-	5,241	5,148	4,925
Non-consolidated number of unit for gas supply	thousand	7,196	7,252	6,230	5,970	5,553	5,225	5,031	4,915	-	-
Number of unit for gas supply (Reference) Average temperature of Osaka City	thousand °C	-	-	-	-	-	-	5,144	5,026	5,004	5,048
		16.8	17.4	17.4	16.8	17.7	17.8	17.6	17.2	17.8	17.9
■ Domestic electricity sales volume											
Retail	GWh	-	-	995	2,355	3,457	4,617	5,721	6,189	6,390	6,858
Wholesale, etc.	GWh	-	-	7,954	8,596	8,196	8,572	10,412	10,571	9,493	8,450
Total	GWh	-	8,503	8,948	10,951	11,653	13,189	16,133	16,760	15,883	15,308
Number of low-voltage electricity supply	thousand	-	-	305	619	945	1,322	1,510	1,613	1,707	1,835
■ Number of customer accounts											
Total number of customer accounts	thousand	-	-	7,997	8,274	8,745	9,102	9,401	9,812	10,021	10,384
Number of gas accounts	thousand	-	-	-	-	-	-	-	-	5,293	5,332
Number of electricity accounts	thousand	-	-	-	-	-	-	-	-	2,055	2,283
Number of other accounts	thousand	-	-	-	-	-	-	-	-	2,673	2,768
■ Sales of major gas appliances											
Gas co-generation system for residential use	units	16,394	13,166	16,965	18,830	18,669	18,695	22,034	17,511	20,189	21,428
Gas co-generation for industrial running capacity	thousand kW	1,581	1,580	1,589	1,573	1,571	1,544	1,542	1,530	1,509	1,563
Gas heat pump (thousand kW)	thousand kW	540	566	539	476	459	530	383	431	401	430

■Change in total length of gas pipes											
High-pressure	km	738	741	741	741	742	749	748	761	761	761
Medium-pressure A	km	1,848	1,879	1,903	1,917	1,919	1,929	1,940	1,942	1,947	1,950
Medium-pressure B	km	4,532	4,548	4,563	4,576	4,588	4,599	4,610	4,621	4,628	4,636
Low-pressure main pipe	km	16,000	16,075	16,128	16,187	16,254	16,333	16,388	16,441	16,480	16,516
Length of main pipes	km	23,117	23,243	23,335	23,421	23,504	23,610	23,686	23,766	23,817	23,864
Length of branch pipes	km	27,010	27,137	27,255	27,367	27,485	27,588	27,697	27,777	27,868	27,955
Total Length of main and branch pipes	km	50,128	50,380	50,590	50,788	50,989	51,198	51,383	51,543	51,684	51,819
Length of supply pipes	km	10,950	11,011	11,077	11,132	11,187	11,234	11,289	11,337	11,386	11,437
Total length of pipes, including supply pipes	km	61,078	61,391	61,666	61,919	62,175	62,432	62,671	62,880	63,071	63,256
■LNG handled by Daigas group											
Brunei	thousand ton	626	763	556	765	781	704	454	641	160	450
Indonesia	thousand ton	587	612	750	523	505	175	285	127	0	0
Malaysia	thousand ton	1,684	1,063	1,025	940	1,203	936	945	942	1,153	1,008
Australia	thousand ton	1,749	1,325	2,039	3,024	3,225	3,398	3,436	4,011	4,756	4,026
Russia	thousand ton	577	507	703	575	384	382	384	449	321	192
Qatar	thousand ton	359	409	359	415	354	238	421	179	0	0
Oman	thousand ton	1,348	1,309	1,454	1,269	1,389	1,322	1,271	1,335	1,460	1,529
Papua new guinea	thousand ton	539	1,451	1,724	1,667	1,252	1,243	1,308	1,663	1,939	1,940
USA	thousand ton	0	0	0	132	60	788	1,836	2,823	679	2,151
Others	thousand ton	605	363	305	208	265	0	235	274	141	189
Total	thousand ton	8,075	7,802	8,915	9,519	9,419	9,186	10,575	12,443	10,608	11,484

1. Sales from gas business (■Profit of gas business/ Osaka Gas) - --Prior to FY17.3 calculated by [Gas sales + Gas transportation service revenue]

2. Gross profit of gas business (■Profit of gas business/ Osaka Gas) - --[Sales from gas business + Raw material costs(impact on profit)] Prior to FY17.3 calculated by [Sales from gas business - Raw material costs - Other costs of gas business]

3. Profit (Loss) on Profit/ Loss on time-lag effect (Gas) (■Profit of gas business/ Osaka Gas) - --Excluding time-lag effect of electricity business from FY21.3

4. Non-consolidated number of unit for gas supply (■Domestic gas sales volume) - --[number of meters installed - number of meters unused (unoccupied houses, etc.) - number of units of gas supply from other companies]. Prior to FY16.3, [Number of meters installed].

5. Number of unit for gas supply (■Domestic gas sales volume) - --Domestic consolidated basis

6. (Reference) Average temperature of Osaka City (■Domestic gas sales volume) - --Source : Japan Meteorological Agency

7. Total number of customer accounts (■Number of customer accounts) - --Total number of contracts for gas, electricity, LPG, ENE FARM, "Sumikata" services, Utility Agent, etc.

8. Number of gas accounts (■Number of customer accounts) - --The total number of gas customer accounts of Osaka Gas, its Japanese subsidiaries, and companies accounted for using the equity method (excluding some wholesale customer accounts)

9. Number of electricity accounts (■Number of customer accounts) - --The total number of low-voltage electricity customer accounts of Osaka Gas, its Japanese subsidiaries, companies accounted for using the equity method, etc.

10. Gas co-generation for industrial running capacity (■Sales of major gas appliances) - --Cumulative results installed by each fiscal year.

11. Gas heat pump (thousand kW) (■Sales of major gas appliances) - --Shipping basis

12. High-pressure (■Change in total length of gas pipes) - --1.0 MPa or higher in maximum pressure of gas distributed

13. Medium-pressure A (■Change in total length of gas pipes) - --0.3 MPa or higher and less than 1.0 MPa in maximum pressure of gas distributed

14. Medium-pressure B (■Change in total length of gas pipes) - --0.1 MPa or higher and less than 0.3 MPa in maximum pressure of gas distributed

15. Low-pressure main pipe (■Change in total length of gas pipes) - --Less than 0.1 MPa in maximum pressure of gas distributed

Breakdown of International Energy		15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3	24.3
■ Net sales											
International Energy	million yen	13,714	18,701	22,632	22,570	40,489	61,254	69,199	80,779	123,299	116,448
Osaka Gas Australia Pty Ltd	million yen	-	-	-	5,820	13,859	14,661	7,597	17,845	30,258	25,861
Osaka Gas USA Corporation	million yen	912	8,836	9,854	4,011	11,153	17,758	35,582	61,594	90,391	87,933
Osaka Gas Energy America Corporation(-15.3)	million yen	5,189	-	-	-	-	-	-	-	-	-
Osaka Gas Resources America Corporation(-15.3)	million yen	356	-	-	-	-	-	-	-	-	-
Osaka Gas International Transport Inc.	million yen	1,864	3,164	6,063	7,800	10,606	23,631	21,180	-	-	-
■ Segment profit											
International Energy	million yen	1,261	-277	7,477	-5,338	5,974	8,162	22,115	44,330	69,718	79,643
Osaka Gas Australia Pty Ltd	million yen	-	-	-	1,194	5,538	6,088	-2,367	9,181	21,882	15,902
Osaka Gas USA Corporation	million yen	-7,512	3,434	4,905	-8,836	-2,173	-5,000	8,620	27,837	42,570	40,417
Osaka Gas Energy America Corporation(-15.3)	million yen	2,303	-	-	-	-	-	-	-	-	-
Osaka Gas Resources America Corporation(-15.3)	million yen	-454	-	-	-	-	-	-	-	-	-
Osaka Gas International Transport Inc.	million yen	-373	985	1,608	2,338	1,558	1,626	2,353	-	-	-
Share of profit (loss) of entities accounted for using equity method	million yen	7,511	-4,594	807	-831	691	5,209	13,274	10,587	8,886	28,137
Idemitsu Snorre Oil Development Co., Ltd.(-22.3)	million yen	3,815	159	1,832	3,809	3,880	2,345	6,254	3,556	-	-
Electricity business in USA (Thermal)	million yen	-	-	-	-	1,014	931	1,795	4,278	8,254	12,630

1. Electricity business in USA (Thermal) (■ Segment profit) --Equity method affiliates. Excluding profit/loss on market value of derivative

2. On August 31st, 2014 restructuring of U.S.A subsidiaries was completed. Osaka Gas Energy America Corporation and Osaka Gas Resources America Corporation were merged into Osaka Gas Freedom Energy Corporation. The

3. From FY15.3, renewable energy business, previously segmented in "Environment and non-energies" has been in either "LPG, Electricity, and Other Energy" or "International Energy" depending on the nature of business. "Environment

4. From FY22.3, "Domestic Energy / Gas" and "Domestic Energy / Electricity" were integrated into "Domestic Energy". Osaka Gas International Transport Inc. etc, which were previously included in "International Energy," were

Breakdown of Life & Business Solutions		15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3	24.3
■ Net sales											
Life & Business Solutions	million yen	207,521	221,702	217,600	201,472	210,914	219,432	216,585	237,086	258,543	274,026
Osaka Gas Urban Development Co., Ltd.	million yen	28,389	23,636	27,927	25,589	21,095	22,021	26,685	28,296	35,740	42,477
Osaka Gas Information System Research Institute Co., Ltd.	million yen	30,761	35,886	37,132	36,676	40,240	43,029	40,163	45,468	47,782	50,699
Osaka Gas Chemicals Co., Ltd.	million yen	12,659	27,944	26,705	29,190	30,914	30,935	31,024	34,027	34,186	33,516
Japan EnviroChemicals, Ltd. (-15.3)	million yen	15,229	-	-	-	-	-	-	-	-	-
Jacobi Carbons AB	million yen	21,614	25,299	23,131	25,566	29,962	31,060	31,560	37,893	49,608	49,619
■ Segment profit											
Life & Business Solutions	million yen	16,581	18,834	20,414	18,284	17,714	19,676	19,250	23,516	29,237	31,039
Osaka Gas Urban Development Co., Ltd.	million yen	6,700	6,148	7,657	6,865	6,548	6,688	7,777	7,794	9,608	11,003
Osaka Gas Information System Research Institute Co., Ltd.	million yen	2,845	3,857	3,622	4,415	5,232	5,141	3,859	6,077	5,749	6,028
Osaka Gas Chemicals Co., Ltd.	million yen	-160	550	638	1,342	1,761	1,416	2,118	2,088	2,198	1,210
Japan EnviroChemicals, Ltd. (-15.3)	million yen	1,218	-	-	-	-	-	-	-	-	-
Jacobi Carbons AB	million yen	2,846	2,714	2,870	2,404	579	2,742	3,431	3,740	6,874	6,724
Share of profit (loss) of entities accounted for using equity method	million yen	297	916	522	-	-	-	-	-	-	-

1. Japan EnviroChemicals, Ltd. (-15.3) (■ Segment profit) - --Japan EnviroChemicals, Ltd was merged into Osaka Gas Chemicals Co., Ltd. as of April 1st, 2015.

2. From FY15.3, renewable energy business, previously segmented in "Environment and non-energies" has been in either "LPG, Electricity, and Other Energy" or "International Energy" depending on the nature of business. "Environment

3. From FY19.3, Osaka Gas Engineering Co., Ltd. changed its segment from "Life & Business Solutions" to "Domestic Energy / Gas". FY18.3 results are calculated based on the contents after the change, excluding R&D expenses and the

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[Financial Highlights](#) | [IR Information](#) | [Daigas Group](#)

Environment		17.3	18.3	19.3	20.3	21.3	22.3	23.3	24.3
■ GHG Emissions									
GHG Emissions	thousand t-CO2e	36,127	36,630	34,808	32,907	27,784	26,785	25,977	25,632
Scope 1	thousand t-CO2e	4,090	4,888	5,052	4,660	5,215	4,526	4,406	4,441
Scope 2	thousand t-CO2e	273	270	298	303	297	334	324	324
Scope 3	thousand t-CO2e	31,764	31,471	29,459	27,944	22,271	21,925	21,247	20,867
■ Avoided emissions (compared to FY2018.3)									
Avoided emissions (baseline: FY2017.3)	thousand t-CO2	-	-609	-1,057	-1,650	-2,280	-3,356	-3,863	-5,008
■ Renewable energy development contribution									
Renewable energy development contribution	MW	-	-	-	-	-	1,398	2,110	3,166
■ Percentage of renewables in our power generation portfolio in Japan									
Percentage of renewables in our power generation portfolio in Japan	%	-	-	-	-	5	8	13	22

1. ■ GHG Emissions - As of March 31

2. ■ GHG Emissions - Greenhouse gases subject to calculation are, CO2, methane (CH4), N2O and chlorofluorocarbons (HFC).

3. Scope 3 (■ GHG Emissions) - ---Calculation of Scope 3 greenhouse gas emissions started in FY2016.3, covering the Daigas Group's entire value chain.

4. ■ Avoided emissions (compared to FY2018.3) - As of March 31

5. Avoided emissions (baseline: FY2017.3) (■ Avoided emissions (compared to FY2018.3)) - ---Calculate the estimated effect of CO2 emissions reduction in one year of the target FY by introducing high efficiency facilities and low carbon energy, etc. to customer side and the company's business activities in and after FY2018.3.

6. ■ Renewable energy development contribution - As of March 31

7. ■ Percentage of renewables in our power generation portfolio in Japan - As of March 31

Social		19.3	20.3	21.3	22.3	23.3	24.3
■ Percentage of female employee and women in managerial position							
Percentage of female employees / Group	%	28.2	27.6	28.3	28.5	28.2	28.7
Percentage of female employees / Osaka Gas	%	15.4	15.7	17.0	16.6	23.0	23.6
Percentage of women in managerial positions / Group	%	6.8	6.6	7.5	8.0	8.4	8.5
■ Employee turnover rate (Osaka Gas)							
Employee turnover rate	%	1.4	1.1	1.4	1.3	2.3	1.6
■ Childcare leave and shorter working hours for childcare (Osaka Gas)							
Employees taking childcare leave/leave for childcare purposes	Number of persons	201	201	111	135	46	59
Of which male taking childcare leave/leave for childcare purposes	Number of persons	178	172	97	123	36	45
Shorter working hours for childcare	Number of persons	35	33	22	26	29	25
■ Nursing care leave (Osaka Gas)							
Nursing care leave	Number of persons	2	1	0	0	1	0
Shorter working hours for nursing care	Number of persons	1	0	1	1	0	1
■ Percentage of disabled employees (Osaka Gas)							
Percentage of disabled employees	%	2.36	2.40	2.34	2.45	2.59	2.71

1. ■ Percentage of female employee and women in managerial position - As of March 31

2. Percentage of women in managerial positions / Group (■ Percentage of female employee and women in managerial position) - ---Management positions are the posts of manager level or higher, who actually have subordinates and perform personnel evaluation.

3. Employee turnover rate (■ Employee turnover rate (Osaka Gas)) - ---[the number of regular employees who retired for personal reasons (as of March 31 of each fiscal year) / the number of regular employees (as of April 1 of each fiscal year)]

4. ■ Childcare leave and shorter working hours for childcare (Osaka Gas) - Excluding loaned employees

5. ■ Nursing care leave (Osaka Gas) - Excluding loaned employees

6. ■ Percentage of disabled employees (Osaka Gas) - As of June 1.

Governance		19.6	20.6	21.6	22.6	23.6	24.6
■ Board members							
Number of Board members (1+2+3+4)	Number of persons	13	9	10	10	10	15
In-house board members (1+2)	Number of persons	10	6	6	6	6	8
In-house board members/ Male (1)	Number of persons	10	6	6	6	6	8
In-house board members/ Female (2)	Number of persons	0	0	0	0	0	0
Outside board members (3+4)	Number of persons	3	3	4	4	4	7
Outside board members/ Male (3)	Number of persons	3	3	3	3	2	3
Outside board members/ Female (4)	Number of persons	0	0	1	1	2	4
Number of audit & supervisory board members (5+6+7+8)	Number of persons	-	-	-	-	-	5
Inside audit & supervisory board members (5+6)	Number of persons	-	-	-	-	-	2
In-house audit & supervisory board members/ Male (5)	Number of persons	-	-	-	-	-	2
In-house audit & supervisory board members/ Female (6)	Number of persons	-	-	-	-	-	0
Outside audit & supervisory board members (7+8)	Number of persons	-	-	-	-	-	3
Outside audit & supervisory board members/ Male (7)	Number of persons	-	-	-	-	-	1
Female outside audit & supervisory board members (8)	Number of persons	-	-	-	-	-	2
Percentage of outside board members	%	23	33	40	40	40	47
Percentage of female board members	%	0	0	10	10	20	27
■ Audit & supervisory board members (-23.6)							
Number of audit & supervisory board members (-23.6)	Number of persons	5	5	5	5	5	-
Inside audit & supervisory board members (-23.6)	Number of persons	2	2	2	2	2	-
In-house audit & supervisory board members/ Male (-23.6)	Number of persons	2	2	2	2	2	-
In-house audit & supervisory board members/ Female (-23.6)	Number of persons	0	0	0	0	0	-
Outside audit & supervisory board members (-23.6)	Number of persons	3	3	3	3	3	-
Outside audit & supervisory board members/ Male (-23.6)	Number of persons	2	2	2	2	1	-
Female outside audit & supervisory board members (-23.6)	Number of persons	1	1	1	1	2	-
Ratio of outside audit & supervisory board members	%	60	60	60	60	60	-
Ratio of female audit & supervisory board members (-23.6)	%	20	20	20	20	40	-

1. Number of members elected at the annual shareholders meeting for the year. Latest figures as of June 2024.

2. At the 206th Ordinary General Meeting of Shareholders held on June 27, 2024, our organization changed from a company with a board of auditors to a company with an audit and supervisory committee due to the resolution to partially amend the articles of incorporation to a company with an audit and supervisory committee.

Third-party evaluation		20.6	21.6	22.6	23.6	24.6
MSCI ESG Leaders Indexes	selected	1	1	1	1	1
FTSE Blossom Japan Sector Relative	selected	-	-	1	1	1
FTSE Blossom Japan	selected	1	1	1	1	1
Morningstar Japan ex-REIT Gender Diversity Tilt Index	selected	-	-	-	1	1
MSCI Japan ESG Select Leaders Index	selected	1	1	1	1	1
MSCI Nihonkabu ESG Select Leaders Index	selected	-	-	-	-	1
MSCI Japan Empowering Women Index (WIN)	selected	1	1	1	1	1
MSCI Japan Empowering Women (WIN) Select Index	selected	1	1	1	1	1
S&P/JPX Carbon Efficient Index	selected	1	1	1	1	1

1. MSCI ESG Leaders Indexes - ---Before FY18.3, MSCI Global Sustainability Indexes
2. FTSE Blossom Japan Sector Relative - ---Included in GPIF's ESG index since March 2022
3. FTSE Blossom Japan - ---Included in GPIF's ESG index
4. Morningstar Japan ex-REIT Gender Diversity Tilt Index - ---Included in GPIF's ESG index since March 2023
5. MSCI Japan ESG Select Leaders Index - ---Included in GPIF's ESG index until March 2024
6. MSCI Nihonkabu ESG Select Leaders Index - ---Included in GPIF's ESG index since March 2024
7. MSCI Japan Empowering Women Index (WIN) - ---Included in GPIF's ESG index
8. S&P/JPX Carbon Efficient Index - ---Included in GPIF's ESG index

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(Reference) Unit Conversion

■ Thermal Conversion Table

(MJ=10 ⁶ J)	(kWh)	(kcal)	kiloliter of crude oil equivalent (kl)	Tons of oil equivalent (TOE)	British thermal unit (BTU)
1	0.278	239	0.0258×10^{-3}	0.0239×10^{-3}	948
3.60	1	860	0.0930×10^{-3}	0.0860×10^{-3}	3,412
0.00419	0.00116	1	1.08×10^{-7}	10^{-7}	3.97
3.87×10^4	1.08×10^4	9.25×10^6	1	0.925	3.67×10^7
4.19×10^4	1.16×10^4	10^7	1.08	1	3.97×10^7
0.00106	2.93×10^{-4}	0.252	2.72×10^{-8}	2.52×10^{-8}	1

■ Crude Oil Conversion Table

barrel(bbl)	liter(l)	ton(t)
1	159	0.14
6.3	1,000	0.88
7.3	1,159	1

■ Amount of gas that can be produced from 1 ton of LNG (production volume)

1 ton of LNG \doteq 2 m³ (liquid product) \doteq 1,200 m³N (gas volume at 0°C, 1 atm, 45 MJ)

■ LNG-fired power generation (assuming thermal efficiency of 40% and operating rate of 50%)

1 ton of LNG \doteq 6,048 kWh

1 GW power generation facility consumes approx. 720,000 tons/year of LNG

Source: Calculated from "Comprehensive Energy Statistics," by Ministry of Economy, Trade and Industry