

ぐっとそばで、ぐぐっとミライ。

FACT BOOK  
2023



# Daigas Group

大阪ガスグループは、Daigasグループへ。



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その他の情報

Other information

以下の情報は、その他のソースでご覧ください。

Please see other sources for the following information.

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**株式情報**

**Stock information**

2023年3月末時点 (As of March 31, 2023)

発行可能株式総数：株 Common Stock authorized : shares	700,000,000
発行済株式数：株 Common Stock issued : shares	416,680,000
上場証券取引所 Listing of Shares	東京証券取引所 Tokyo Stock Exchange
議決権を有する単元株主数 Number of shareholders who own voting rights	80,977

**大株主の状況**

**Major Shareholders**

2023年3月末時点 (As of March 31, 2023)

氏名又は名称 Name of Shareholder	所有株式数 (千株) Number of Sharesheld (thousands)	発行済株式総数に対する 所有株式数の割合 (%) Percentage of voting rights(%)
日本マスタートラスト信託銀行株式会社(信託口) The Master Trust Bank of Japan, Ltd. (Trust a/c)	67,279	16.19
株式会社日本カストディ銀行(信託口) Custody Bank of Japan, Ltd. (Trust a/c)	25,601	6.16
日本生命保険相互会社(常任代理人 日本マスタートラスト信託銀行株式会社) Nippon Life Insurance Company (Standing proxy:The Master Trust Bank of Japan, Ltd.)	13,469	3.24
株式会社三菱UFJ銀行 MUFG Bank, Ltd.	11,188	2.69
株式会社りそな銀行 Resona Bank, Ltd.	10,555	2.54
STATE STREET BANK WEST CLIENT - TREATY 505234(常任代理人 株式会社みずほ銀行) STATE STREET BANK WEST CLIENT - TREATY 505234 (Standing proxy:Mizuho Bank, Ltd.)	9,296	2.24
あいおいニッセイ同和損害保険株式会社(常任代理人 日本マスタートラスト信託銀行株式会社) Aioi Nissay Dowa Insurance Co.,Ltd. (Standing proxy:The Master Trust Bank of Japan, Ltd.)	5,973	1.44
明治安田生命保険相互会社(常任代理人 株式会社日本カストディ銀行) Meiji Yasuda Life Insurance Company (Standing proxy:The Master Trust Bank of Japan, Ltd.)	5,838	1.40
JP MORGAN CHASE BANK 385781(常任代理人 株式会社みずほ銀行) JP MORGAN CHASE BANK 385781(Standing proxy:Mizuho Bank, Ltd.)	5,204	1.25
STATE STREET BANK AND TRUST COMPANY 505103(常任代理人 株式会社みずほ銀行) STATE STREET BANK AND TRUST COMPANY 505103(Standing proxy:Mizuho Bank, Ltd.)	5,200	1.25
計 Total	159,607	38.4

## 格付の推移 Rating history

6月末時点 (As of June 30)

暦年 Calendar year		13.6	14.6	15.6	16.6	17.6	18.6	19.6	20.6	21.6	22.6	23.6
長期債 Long-term bond	R&I (格付投資情報センター) Rating and Investment Information, Inc.	AA+	AA+	AA+	AA+	AA+	AA+	AA+	AA+	AA+	AA+	AA+
	ムーディーズ Moody's Investors Service	Aa3	Aa3	Aa3	Aa3	Aa3	Aa3	Aa3	A1	A1	A1	A1
	S & Pグローバル・レーティング S&P Global Ratings	AA-	AA-	AA-	AA-	AA-	AA-	AA-	AA-	AA-	AA-	AA-
国内コマーシャルペーパー Domestic Commercial paper	R&I (格付投資情報センター) 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+	a-1+
	S & Pグローバル・レーティング S&P Global Ratings	A-1+	A-1+	A-1+	A-1+	A-1+	A-1+	A-1+	A-1+	A-1+	A-1+	A-1+

## 社債・借入金明細 Bonds and borrowings

### 社債明細 Bonds

2023年3月末時点 (As of March 31, 2023)

会社名 Company	銘柄 Descriptions	回号 No.	発行日 Date of issue	当期末残高（内、1年以内償還 予定額）（百万円） Amount (included portion due within 1 year) (million yen)	利率（%） Interest rate (%)	償還日 Date of maturity
		#21	2006.6.23	9,998	2.33	2026.6.23
		#31	2013.10.18	10,000 (10,000)	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
	国内無担保社債 Domestic unsecured corporate bonds	#38	2019.9.5	20,000	0.4	2049.9.3
		#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
		#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
大阪ガス(株) Osaka Gas Co, Ltd.	第1 回利払繰延条項・期限前償還条項付無担保社債 (劣後特約付) #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
	第2 回利払繰延条項・期限前償還条項付無担保社債 (劣後特約付) #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

会社名 Company	銘柄 Descriptions	回号 No.	発行日 Date of issue	当期末残高（内、1年以内償還 予定額）（百万円） Amount (included portion due within 1 year) (million yen)	利率（%） Interest rate (%)	償還日 Date of maturity
	第3回利払繰延条項・期限前償還条項付無担保社債 （劣後特約付） #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
	第4回利払繰延条項・期限前償還条項付無担保社債 （劣後特約付） #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
アミック Ammic	第4回無担保社債 #4 unsecured corporate bonds	#4	2019.12.10	40 (20)	0.02	2023.6.10~2024.12.10
	合計 Total			435,038 (10,020)	-	-

## 借入金明細 **Loans and debts**

2023年3月末時点 (As of March 31, 2023)

	金額 (百万円) Amount (million yen)	平均利率 (%) Average interest rate (%)
短期借入金 Short-term debt	11,096	0.6%
1年以内に返済予定の長期借入金 Long-term debt due within one year	59,640	3.3%
1年以内に返済予定のリース債務 Lease obligation due within one year	2,761	-
長期借入金（1年以内に返済予定のものを除く） Long-term debt due after one year	386,516	1.7%
リース債務（1年以内に返済予定のものを除く） Lease obligation due after one year	17,502	-
合計 Total	477,517	-

## 2028年3月期までの償還・返済予定額 **Annual maturities untill FY2028.3**

(百万円)  
(million yen)

	社債 Bonds	長期借入金 Long-term loans
2024年3月期 in FY24.3	10,020	59,640
2025年3月期 in FY25.3	20	66,466
2026年3月期 in FY26.3	-	68,932
2027年3月期 in FY27.3	9,998	35,888
2028年3月期 in FY28.3	-	14,890

## 都市ガス製造所別設備数 Number of Facilities in City Gas Processing Terminals

2023年3月末時点 (As of March 31, 2023)

	泉北製造所	姫路製造所
LNG気化能力 (千m <sup>3</sup> /時)	1,870	858
主要設備 Main facilities	LNG気化設備 (基) LNG vaporization facility (units)	5
	LNGタンク (基) LNG tanks (units)	8
LNGタンク総容量 (kl)	1,665,000	740,000
主原料	LNG	LNG



## DaigasグループのLNG船一覧 LNG Carriers of Daigas group

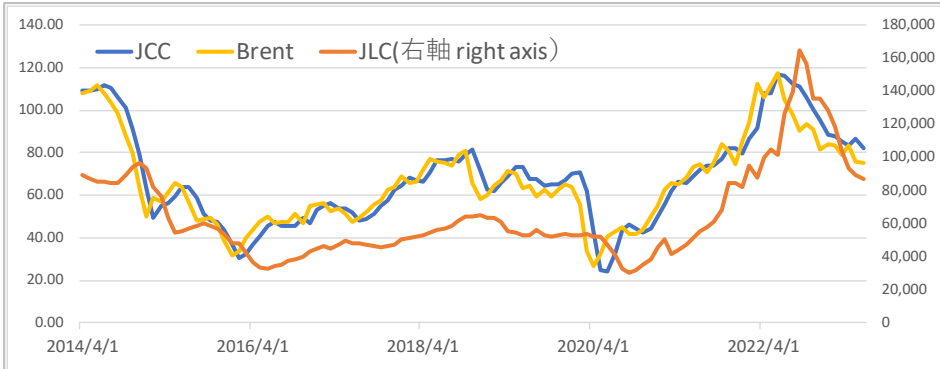
(2023年3月31日現在 As of March 31, 2023)

船名 Name	就航年 Delivery	容量 Capacity
LNG JAMAL	2000年 2000	135,000 m3
LNG DREAM	2006年 2006	145,000 m3
LNG BARKA	2008年 2008	153,000 m3
LNG JUPITER	2009年 2009	153,000 m3
LNG VENUS	2014年 2014	153,000 m3
LNG MARS	2016年 2016	153,000 m3
LNG SATURN	2016年 2016	153,000 m3
LNG JUNO	2018年 2018	180,000 m3
GRACE FREES	2022年 2022	174,000 m3

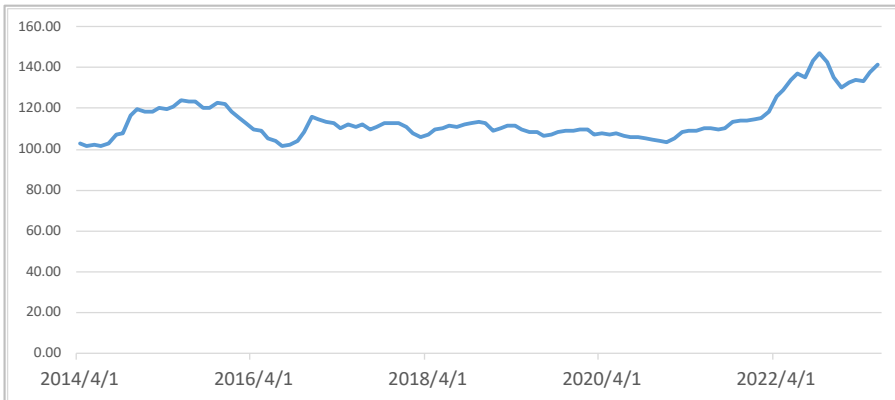
**(参考) 価格指標、為替 (Reference) Price Indices, Exchange rate**

全日本入着原油平均価格 (JCC)  
 全日本入着LNG平均価格 (JLC)  
 プレント原油  
 (ドル/バレル \$/bbl)

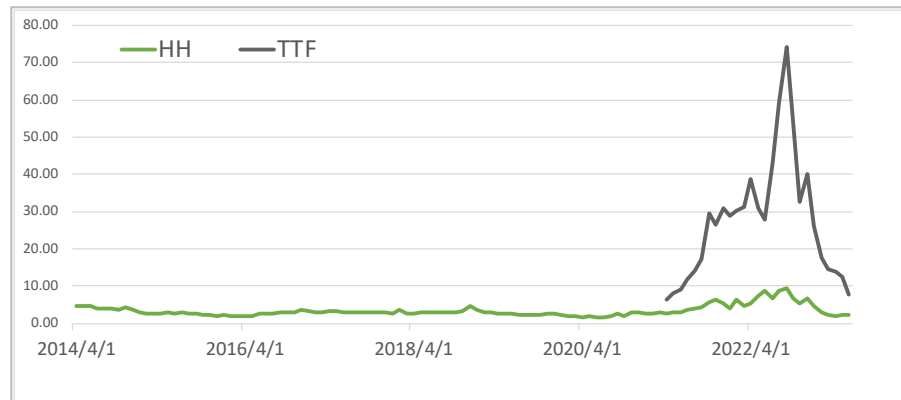
Japan crude cocktail price (JCC)  
 Japan LNG cocktail price (JLC)  
 Brent  
 (円/トン yen/ton)



為替 Exchange rate  
 (円/ドル yen/\$)



ヘンリーハブ天然ガススポット価格 HH  
 欧州ガス価格 TTF  
 (ドル/MMBtu \$/MMBtu)



## 海外上流事業 International upstream business

2023年3月末時点 (As of March 31, 2023)

案件名	Project name	主な事業	Main business	出資比率 Shareholding	参画時期 (年) Year of participation	場所	Location
サンライズ	Sunrise LNG Project	LNG	LNG	10%	2000	オーストラリア・東ティモール	Australia, East Timor
カルハットLNG	Qalhat LNG	LNG	LNG	3%	2006	オマーン	Oman
ゴーゴン	Gorgon LNG Project	LNG	LNG	1.25%	2009	オーストラリア	Australia
イクシス	Ichthys LNG Project	LNG・コンデンセート	LNG, Condensate	1.20%	2012	オーストラリア	Australia
サビン・シェールガスプロジェクト	Sabine Oil & Gas Corporation	天然ガス・コンデンセート・天然ガス液	Natural gas, Condensate, Natural Gas Liquids	100%	2018	米国	USA

## 海外中下流事業（発電除く） International mid & downstream business

2023年3月末時点 (As of March 31, 2023)

案件名	Project name	主な事業	Main business	出資比率 Shareholding	参画時期 (年) Year of participation	場所	Location
フリーポートLNG基地 (FLNG)	Freeport LNG Project	液化基地	LNG terminal	10.81%	2008	米国	USA
EII	EII	インフラ事業 (ポートフォリオ)	Infrastructure business (Portfolio)	30.20%	2008	オーストラリア	Australia
サグントLNG基地	Sagunto LNG Terminal	受入基地	LNG receiving terminal	20%	2010	スペイン	Spain
Sumisho Osaka Gas Water UK Limited	Sumisho Osaka Gas Water UK Limited	水道事業	Water supply business	50%	2013	英国	U.K.
City-OG Gas Energy Services	City-OG Gas Energy Services	ガス販売事業	Sale of gas business	49%	2013	シンガポール	Singapore
Osaka Gas (Thailand) Co., Ltd.	Osaka Gas (Thailand) Co., Ltd.	ユーティリティ(エネルギー)関連事業	Energy utility related business	49%	2013	タイ	Thailand
フリーポートLNG基地 (第一系列)	Freeport LNG Project Train 1	液化事業	Liquefaction business	25%	2014	米国	USA
NS-OG Energy Solutions (Thailand)	NS-OG Energy Solutions (Thailand)	コージェネレーション事業	Cogeneration business	30%	2014	タイ	Thailand
OGP Energy Solutions	OGP Energy Solutions	燃料転換・エネルギーサービス事業	Fuel conversion, Energy services business	29.4%	2015	タイ	Thailand
PT OSAKA GAS INDONESIA	PT OSAKA GAS INDONESIA	ガス販売・エネルギーサービス関連事業	Sale of gas, Energy services related business	100%	2018	インドネシア	Indonesia
Sojitz Osaka Gas Energy Co., Ltd.	Sojitz Osaka Gas Energy	天然ガス供給事業	Natural gas supply business	49%	2019	ベトナム	Vietnam
AGP International Holdings Pte. Ltd.	AGP	中・小型LNG基地事業、都市ガス事業	Medium- and small-scale LNG terminal business, city gas business	-	2019	シンガポール	Singapore
Starfire Energy	Starfire Energy	グリーンアンモニア製造	Green ammonia manufacturing		2021	米国	USA
JEDLIX B.V.	JEDLIX B.V.	需給調整事業	Electricity balancing services business	-	2021	オランダ	Netherlands
AG&P CGD HoldCo SPV3 (Singapore) Pte.	AG&P CGD HoldCo SPV3 (Singapore) Pte. Ltd.	インド都市ガス事業	City gas business in India	-	2021	シンガポール	Singapore
Australian Integrated Carbon Pty Ltd	Australian Integrated Carbon Pty Ltd	豪州カーボンのクレジット創出・販売事業	Carbon credit development and sales business in Australia	16.7%	2022	オーストラリア	Australia

## Daigas グループ 持分電源容量 Generation capacity of Daigas group

2023年7月末時点 As of July 31, 2023

(MW)

						運転中 Operating	建設中等*1 Under construction, etc	合計 Total
		LNG	LNG	国内 火力 LNG	Domestic Thermal LNG	1,806	1,245	3,051
		石炭	Coal	国内 火力 石炭	Domestic Renewable energy Coal	219	-	219
		火力等	Thermal, etc	国内 火力等	Domestic Thermal	2,026	1,245	3,271
		再生可能 エネルギー	Renewable energy	国内 再生可能エネルギー	Domestic Renewable energy	768	329	1,097
<b>国内</b>	<b>Domestic</b>	<b>国内計</b>			<b>Domestic Total</b>	<b>2,794</b>	<b>1,574</b>	<b>4,368</b>
		LNG	LNG	海外 火力 LNG	International Thermal LNG	1,965	-	1,965
		石炭	Coal	海外 火力 石炭	International Renewable energy Coal	-	-	-
		火力	Thermal	海外 火力	International Thermal	1,965	0	1,965
		再生可能 エネルギー	Renewable energy	海外 再生可能エネルギー	International Renewable energy	88	88	176
<b>海外</b>	<b>International</b>	<b>海外計</b>			<b>International Total</b>	<b>2,053</b>	<b>88</b>	<b>2,141</b>
		LNG	LNG	国内外 火力 LNG	Domestic and International Thermal LNG	3,771	1245.0	5,016
		石炭	Coal	国内外 火力 石炭	Domestic and International Renewable energy Coal	219	-	219
		火力	Thermal	国内外 火力	Domestic and International Thermal	3,991	1,245	5,236
		再生可能 エネルギー	Renewable energy	国内外 再生可能エネルギー	Domestic and International Renewable energy	856	417	1,273
<b>国内外合計</b>	<b>Domestic and International</b>	<b>国内外合計</b>			<b>Domestic and International Total</b>	<b>4,847</b>	<b>1,662</b>	<b>6,509</b>

\*1 意思決定済みで未着工の案件を含む Includes projects that have been decided and have not yet started construction

国内発電所 Domestic power plants  
2023年7月末時点 (As of July 31, 2023)

発電所名	Name	燃料/発電方式	Source	発電設備容量 小計欄：持分電源容量 (MW) Capacity Total columns Capacity of Daigas group(MW) <sup>1,2</sup>	出資比率 Shareholding Ratio	運転開始時期 <sup>3</sup>	Start of operation <sup>3</sup>	場所	Location
<b>火力発電所</b>	<b>Thermal Power Plants</b>								
泉北製造所第1工場	Senboku LNG Terminal I	天然ガス・G T C C	Natural gas, G T C C	18	100.0%	2002年7月	July, 2002	大阪府	Osaka
姫路製造所	Himeji LNG Terminal	天然ガス・G T C C等	Natural gas, G T C C, etc	56	100.0%	2004年4月	April, 2004	兵庫県	Hyogo
泉北天然ガス発電所	Senboku Natural Gas Power Plant	天然ガス・G T C C	Natural gas, G T C C	1,109	90.0%	2009年4-11月	April, 2009 - November, 2009	大阪府	Osaka
福島天然ガス発電所	Fukushima Natural Gas Power Plant	天然ガス・G T C C	Natural gas, G T C C	1,180	20.0%	2020年4-8月	April, 2020 - August, 2020	福島県	Fukushima
西島エネルギーセンター	Torishima Energy Center	天然ガス・G T C C	Natural gas, G T C C	141	100.0%	2002年4月	April, 2002	大阪府	Osaka
宇治エネルギーセンター	Uji Energy Center	天然ガス・G T C C	Natural gas, G T C C	67	100.0%	2004年10月	October, 2004	京都府	Kyoto
摂津エネルギーセンター	Settsu Energy Center	天然ガス・ガスエンジン	Natural gas, Gas Engine	18	100.0%	2006年4月	April, 2006	大阪府	Osaka
千里エネルギーセンター	Senri Energy Center	天然ガス・ガスタービン	Natural gas, Gas Turbine	7	100.0%	2008年1月	January, 2008	大阪府	Osaka
船町発電所	Funamachi Power Plant	天然ガス・G T C C	Natural gas, G T C C	149	95.0%	1999年4月	April, 1999	大阪府	Osaka
姫路製造所 冷熱発電	Himeji LNG Terminal Cryogenic Power Plant	冷熱発電	Cryogenic power	7	100.0%	-	-	兵庫県	Hyogo
持分電源容量小計 (天然ガス等)	Subtotal capacity of Daigas Group/ Natural gas, etc.			1,806					
名古屋発電所	Nagoya Power Plant	石炭・スチームタービン	Coal, Steam turbine	142 <sup>1,4</sup>	95.0%	2000年4月	April, 2000	愛知県	Aichi
名古屋第2発電所	Nagoya II Power Plant	石炭・スチームタービン	Coal, Steam turbine	77 <sup>1,4</sup>	95.0%	2017年9月	September, 2017	愛知県	Aichi
持分電源容量小計 (石炭)	Subtotal capacity of Daigas Group/ Coal, etc.			219					
持分電源容量小計 (火力)	Subtotal capacity of Daigas Group/ Termal			2,026					

発電所名	Name	燃料/発電方式	Source	発電設備容量	出資比率	運転開始時期 <sup>*3</sup>	Start of operation <sup>*3</sup>	場所	Location
				小計欄：持分電源容量 (MW) Capacity Total columns Capacity of Daigas group(MW) <sup>*2</sup>					
<b>再生可能エネルギー発電所 Renewable Energy Power Plants</b>									
葉山風力発電所	Hayama Wind Farm Power Plant	風力	Wind power	20	100.0%	2006年3月	March, 2006	高知県	Kochi
広川明神山風力発電所	Hirogawa Myojin-yama Wind Power Plant	風力	Wind power	16	100.0%	2008年11月	November, 2008	和歌山県	Wakayama
由良風力発電所	Yura Wind Power Plant	風力	Wind power	10	100.0%	2011年9月	September, 2011	和歌山県	Wakayama
肥前風力発電所	Hizen Wind Power Plant	風力	Wind power	12	100.0%	2005年3月	March, 2005	佐賀県	Saga
肥前南風力発電所	Hizen South Wind Power Plant	風力	Wind power	18	100.0%	2008年1月	January, 2008	佐賀県	Saga
平生風力発電所	Hirao Wind Power Plant	風力	Wind power	9	99.8%	2009年4月	April, 2009	山口県	Yamaguchi
印南風力発電所	Inami Wind Power Plant	風力	Wind power	26	100.0%	2018年6月	June, 2018	和歌山県	Wakayama
尻別風力発電所	Shiribetsu Wind Power Plant	風力	Wind power	27	100.0%	2021年9月	September, 2021	北海道	Hokkaido
野辺地陸奥湾風力発電所	Noheji Mutsu Bay Wind Farm	風力	Wind power	40	39.0%	2022年度冬季	Winter, FY23.3	青森県	Aomori
横浜町風力発電所	Yokohama Town Wind Power Plant	風力	Wind power	43	39.0%	2023年4月	April, 2023	青森県	Aomori
西島太陽光発電所	Torishima Solar Power Plant	太陽光	Solar power	2	100.0%	2013年4月	April, 2013	大阪府	Osaka
西島第二太陽光発電所	Torishima II Solar Power Plant	太陽光	Solar power	1	100.0%	2014年1月	January, 2014	大阪府	Osaka
勝央太陽光発電所	Shouou Solar Power Plant	太陽光	Solar power	1	100.0%	2013年4月	April, 2013	岡山県	Okayama
広川明神山太陽光発電所	Hirogawa Myojin-yama Solar Power Plant	太陽光	Solar power	1	100.0%	2013年4月	April, 2013	和歌山県	Wakayama
Daigas大分みらいソーラー発電所	Daigas Oita Mirai Solar Power Plant	太陽光	Solar power	27	100.0%	2013年5月	May, 2013	大分県	Oita
由良太陽光発電所(北・南)	Yura Solar Power Plant (North/South)	太陽光	Solar power	2	100.0%	2016年12月	December, 2016	和歌山県	Wakayama
桑原城メガソーラー(No.4)	Kuwabarajyou Mega Solar (No. 4)	太陽光	Solar power	12	50.0%	2020年4月	April, 2020	鹿児島県	Kagoshima
茨城県北茨城市磯原町特高発電所	Extra-high-voltage Power Plant in Isohara-cho, Kitaibaraki City, Ibaraki Prefecture	太陽光	Solar power	35	50.0%	2021年1月	January, 2021	茨城県	Ibaraki
雫石太陽光発電所	Shizukuishi Solar Power Plant	太陽光	Solar power	25	20.0%	2016年10月	October, 2016	岩手県	Iwate
八ル水戸第1～第5発電所	Haru Mito Solar Power Plant	太陽光	Solar power	9	20.0%	2015年5月	May, 2015	茨城県	Ibaraki
小松太陽光発電所	Komatsu Solar Power Plant	太陽光	Solar power	13	20.0%	2018年5月	May, 2018	石川県	Ishikawa
三沢太陽光発電所	Misawa Solar Power Plant	太陽光	Solar power	10	20.0%	2017年2月	February, 2017	青森県	Aomori
湯舟沢第一太陽光発電所									
八幡太陽光発電所	Yawata Solar Power Plant	太陽光	Solar power	1	100.0%	2013年9月	September, 2013	三重県	Mie
金成姉歯太陽光発電所	Kannari Aneha Solar Power Plant	太陽光	Solar power	2	49.0%	2021年9月	September, 2021	宮城県	Miyagi
信濃町太陽光発電所	Shinano-machi Solar Power Plant	太陽光	Solar power	2	49.0%	2021年9月	September, 2021	長野県	Nagano
花巻太陽光発電所	Hanamaki Solar Power Plant	太陽光	Solar power	2	49.0%	2022年3月	March, 2022	岩手県	Iwate
根木町太陽光発電所	Nekko-machi Solar Power Plant	太陽光	Solar power	12	49.0%	2022年9月	September, 2022	岩手県	Iwate
大分太陽光発電所	Oita Solar Power Plant	太陽光	Solar power	39	40.0%	2020年3月	March, 2020	大分県	Oita
倉吉太陽光発電所	Kurayoshi Solar Power Plant	太陽光	Solar power	36	40.0%	2020年12月	December, 2020	鳥取県	Tottori
日立十王太陽光発電所	Hitachi Juo Solar Power Plant	太陽光	Solar power	56	40.0%	2017年8月	August, 2017	茨城県	Ibaraki
小田池・奈良須池ソーラー発電所	Odaike Narazuike Solar Power Plant	太陽光	Solar power	6	50.0%	2018年10月・12月	December, October 2018	香川県	Kagawa
レーベンエナジー1号 各発電所	Leben Energy No.1 Solar Power Plants	太陽光	Solar power	36	34.0%	2018年6月 - 2023年10月	-	-	-
レーベンエナジー2号 各発電所	Leben Energy No.2 Solar Power Plants	太陽光	Solar power	23	43.0%	2018年7月 - 2022年4月	-	-	-
サステナブルソーラーウェイ 各発電所	Sustainabl Solarway Solar Power Plants	太陽光	Solar power	16	50.0%	2022年9月 - 2023年2月	September 2022 -February 2023	-	-
JO電力1号 各発電所	JO Denryoku No.1 Solar Power Plants	太陽光	Solar power	4	-	2023年2月	February, 2023	-	-
Daigasエナジー㈱各発電所	Daigas Energy Power Plants	太陽光、他	Solar power, etc.	11	-	-	-	-	-
エナジーバンクジャパン㈱ 各発電所	Energy Bank Japan Power Plants	太陽光、他	Solar power, etc.	39	-	-	-	-	-
名古屋発電所 (バイオマス混焼5%)	Nagoya Power Plant (5% biomass-mixed combustion)	バイオマス	Biomass power	7	95.0%	2000年4月	April, 2000	愛知県	Aichi
名古屋第2発電所 (バイオマス混焼30%)	Nagoya II Power Plant (30% biomass-mixed combustion)	バイオマス	Biomass power	33	95.0%	2017年9月	September, 2017	愛知県	Aichi
松阪木質バイオマス発電所	Matsusaka Woody Biomass Power Plant	バイオマス	Biomass power	2	14.5%	2018年1月	January, 2018	三重県	Mie
市原バイオマス発電所	Ichihara Biomass Power Plant	バイオマス	Biomass power	50	39.0%	2020年12月	December, 2020	千葉県	Chiba
<b>持分電源容量小計 (再生可能エネルギー)</b>	<b>Subtotal capacity of Daigas Group/ Renewable energy</b>			<b>768</b>					
<b>持分電源容量 運転中合計</b>	<b>Subtotal capacity of Daigas Group/Operating</b>			<b>2,794</b>					

発電所名	Name	燃料/発電方式	Source	発電設備容量	出資比率	運転開始時期 <sup>*3</sup>	Start of operation <sup>*3</sup>	場所	Location
				小計欄：持分電源容量 (MW) Capacity Total columns Capacity of Daigas group(MW) <sup>*2</sup>					
<b>火力発電所</b>									
<b>Thermal Power Plants</b>									
姫路天然ガス発電所	Himeji Natural Gas Power Plant	天然ガス・G T C C	Natural gas, G T C C	1,245	100.0%	2026年1月-5月	January, 2026 - May, 2026	兵庫県	Hyogo
<b>持分電源容量小計 (天然ガス)</b>				<b>1,245</b>					
<b>再生可能エネルギー発電所</b>									
<b>Renewable Energy Power Plants</b>									
五島市沖洋上風力発電所	Goto City Offshore Wind Power Generation		Wind power	16	8.0%	2024年1月	January, 2024	長崎県	Nagasaki
S&Dx solar1 各発電所	S&Dx solar1 Solar Power Plants	太陽光	Solar power	8	50.0%	2022年12月 -2023年12月	December, 2022 -December, 2023	-	-
JO電力1号 各発電所	JO Denryoku No.1 Solar Power Plants	太陽光	Solar power	4	50.0%	2024年2月	February, 2024	-	-
GDsPJ 各発電所	GDsPJ Solar Power Plants	太陽光	Solar power	11	50.0%	2023年7月 -2024年2月	July, 2023 -February, 2024	-	-
AO電力1号 各発電所	AO Denryoku No.1 Solar Power Plants	太陽光	Solar power	9	50.0%	2024年2月 <sup>*5</sup>	February, 2024 <sup>*5</sup>	-	-
袖ヶ浦バイオマス発電所	Sodegaura Biomass Power Plant	バイオマス	Biomass power	75	100.0%	未定	FY2023.3	千葉県	Chiba
広畑バイオマス発電所	Hirohata Biomass Power Plant	バイオマス	Biomass power	75	90.0%	2023年	August, 2023	兵庫県	Hyogo
徳島津田バイオマス発電所	Tokushima Tsuda Biomass Power Plant	バイオマス	Biomass power	75	33.5%	2023年	March, 2023	徳島県	Tokushima
愛知田原バイオマス発電所	Aichi Tahara Biomass Power Plant	バイオマス	Biomass power	75	25.0%	2024年10月	October, 2024	愛知県	Aichi
日向バイオマス発電所	Hyuga Biomass Power Plant	バイオマス	Biomass power	50	35.0%	2024年11月	November, 2024	宮崎県	Miyazaki
御坊バイオマス発電所	Gobo Biomass Power Plant	バイオマス	Biomass power	50	35.0%	2025年9月	September, 2025	和歌山県	Wakayama
<b>持分電源容量小計 (再生可能エネルギー)</b>				<b>329</b>					
<b>持分電源容量 建設中合計</b>				<b>1,574</b>					
<b>持分電源容量 国内合計</b>				<b>4,368</b>					

\*1 意思決定済みで未着工の案件を含む Includes projects that have been decided and have not yet started construction

\*2 太陽光の発電設備容量はパネル容量を表す The capacity of solar power generation represents the panel capacity

\*3 建設中の「運転開始時期」は事業開始の予定年月を表す "Start of operation" columns in Under construction indicate rows represent the expected year and month of the project start.

\*4 バイオマス混焼分除く Excludes biomass mixed combustion

\*5 完工の予定年月を表す Indicates the expected year and month of completion



海外発電所 International power plants  
2023年7月末時点 (As of July 31, 2023)

	発電所名 Name	燃料/発電方式 Source	発電設備容量 小計欄：持分電源容量 (MW) Capacity Total columns Capacity of Daigas group(MW) <sup>*2</sup>	出資比率 Shareholding Ratio	運転開始時期 Start of operation	場所 Location		
運転中 Operating	<b>火力発電所 Thermal Power Plants</b>							
	レイクウッド	Lakewood	天然ガス・GTCC	Natural gas, GTCC	265	20.0%	2005年12月 <sup>*3</sup> December, 2005 <sup>*3</sup>	米国 ニュージャージー州 New Jersey, USA
	サラナック	Saranac	天然ガス・GTCC	Natural gas, GTCC	239	20.0%	2005年12月 <sup>*3</sup> December, 2005 <sup>*3</sup>	米国 ニューヨーク州 New York, USA
	セントチャールズ	St. Charles Energy Center	天然ガス・GTCC	Natural gas, GTCC	725	25.0%	2017年2月 February, 2017	米国 メリーランド州 (PJM) Maryland, USA (PJM)
	シュウハットS2発電造水事業	Shuweiha S2 IWPP	天然ガス・GTCC、造水	Natural gas, GTCC	1,510	10.0%	2011年10月 October, 2011	UAE アブダビ UAE Abu Dhabi
	ショア	Shore	天然ガス・GTCC	Natural gas, GTCC	725	20.0%	2017年3月 <sup>*3</sup> March, 2017 <sup>*3</sup>	米国 ニュージャージー州 (PJM) New Jersey, USA (PJM)
	ミシガンパワー	Michigan Power	天然ガス・GTCC	Natural gas, GTCC	125	100.0%	2018年7月 <sup>*3</sup> July, 2018 <sup>*3</sup>	米国 ミシガン州 (MISO-7) Michigan, USA (MISO-7)
	クリーンエナジー	Kleen Energy	天然ガス・GTCC	Natural gas, GTCC	620	24.3%	2018年5月 <sup>*3</sup> May, 2018 <sup>*3</sup>	米国 コネチカット州 (ISO-New England) Connecticut, USA (ISO-New England)
	トワンティック	Towantic	天然ガス・GTCC	Natural gas, GTCC	805	49.5%	2018年12月 <sup>*3</sup> December, 2018 <sup>*3</sup>	米国 コネチカット州 (ISO-New England) Connecticut, USA (ISO-New England)
	フェアビュー	Fairview	天然ガス・GTCC	Natural gas, GTCC	1,050	50.0%	2019年12月 December, 2019	米国 ペンシルバニア州 (PJM) Pennsylvania, USA (PJM)
	スリーリバーズ	Three Rivers	天然ガス・GTCC	Natural gas, GTCC	1,250	15.0%	2023年7月 July, 2023	米国 イリノイ州 (PJM) Illinois, USA (PJM)
	持分電源容量小計 (火力)	<b>Subtotal capacity of Daigas Group/ Thermal</b>			<b>1,965</b>			
	<b>再生可能エネルギー発電所 Renewable Energy Power Plants</b>							
	ハレット4	Hallett 4 Wind Farm Project	風力	Wind power	132	39.9%	2011年6月 June, 2011	豪 サウスオーストラリア州 South Australia, Australia
ブライターフューチャー	Brighter Future Solar project	太陽光	Solar power	16	50.0%	2022年1月 January, 2022	米国 ノースカロライナ州 North Carolina, USA	
オーイソーラー 各発電所	OE Solar	太陽光	Solar power	7	49.0%	-	タイ Thailand	
SREOG ME Solar 各発電所	Summit Ridge Energy	太陽光	Solar power	18 <sup>*4</sup>	-	-	米国 メーン州 Maine, USA	
SREOG IL Solar 各発電所	Summit Ridge Energy	太陽光	Solar power	7 <sup>*4</sup>	-	-	米国 イリノイ州 Illinois, USA	
持分電源容量小計 (再生可能エネルギー)	<b>Subtotal capacity of Daigas Group/ Renewable energy</b>			<b>88</b>	-	-		
持分電源容量 運転中合計	<b>Subtotal capacity of Daigas Group/Operating</b>			<b>1,865</b>				
建設中等 Undeconstruction, etc. <sup>*1</sup>	<b>再生可能エネルギー発電所 Renewable Energy Power Plants</b>							
	オーイソーラー 各発電所	OE Solar	太陽光	Solar power	3	49.0%	-	タイ Thailand
	SREOG ME Solar 各発電所	Summit Ridge Energy	太陽光	Solar power	53 <sup>*4</sup>	-	-	米国 メーン州 Maine, USA
	SREOG IL Solar 各発電所	Summit Ridge Energy	太陽光	Solar power	32 <sup>*4</sup>	-	-	米国 イリノイ州 Illinois, USA
	ソルエナジー 各発電所	SOL Energy	太陽光	Solar power	7	-	-	
持分電源容量小計 (再生可能エネルギー)	<b>Subtotal capacity of Daigas Group/ Renewable energy</b>			<b>88</b>				
持分電源容量 海外合計	<b>Subtotal capacity of Daigas Group/ International</b>			<b>2,141</b>				

\*1 意思決定済みで未着工の案件を含む Includes projects that have been decided and have not yet started construction

\*2 太陽光の発電設備容量はパネル容量を表す The capacity of solar power generation represents the panel capacity

\*3 取得年月を表す Acquisition year and month

\*4 持分電源容量を表す Generation capacity of Daigas group

This data is available in chart from the following URL.

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<b>Number of employees and subsidiaries</b>		14.3	15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3
Number of employees	Number of persons	21,250	20,982	20,844	20,762	19,997	20,224	20,543	20,941	20,961	21,017
Number of consolidated	Number of companies	150	145	149	150	138	150	156	154	150	154
Number of equity method	Number of companies	12	13	16	18	19	23	23	27	30	32

1. As of March 31

<b>Stock Information</b>		14.3	15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3
<b>Shareholder composition</b>											
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	%	35.06	37.00	38.37	37.87	39.67	40.73	43.42	40.97	40.79	39.60
Financial products trader	%	1.85	1.62	1.29	1.87	1.73	1.92	1.66	2.50	2.60	2.50
Domestic companies, etc.	%	8.06	7.69	7.61	7.59	7.36	7.18	7.16	6.76	6.58	6.38
Foreign companies, etc.	%	26.43	27.06	26.65	27.39	26.64	26.64	24.26	27.06	27.63	29.86
Individuals and others	%	28.60	26.62	26.08	25.28	24.60	23.54	23.51	22.72	22.39	21.66
Total	%	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
<b>Dividend per share history</b>											
Annual dividends per share	yen	45.0	47.5	50.0	50.0	50.0	50.0	50.0	52.5	57.5	60.0
Total dividends (full year) (right axis)	million yen	18,734	19,768	20,804	20,797	20,793	20,791	20,789	21,827	23,903	24,940

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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<b>Financial Highlights</b>		14.3	15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3
<b>Sales and Profit</b>											
Net sales	million yen	1,512,581	1,528,164	1,322,012	1,183,846	1,296,238	1,371,863	1,368,689	1,364,106	1,586,879	2,275,113
Operating profit	million yen	99,381	105,065	146,674	97,250	78,118	67,977	83,792	112,491	94,905	60,001
Ordinary profit	million yen	106,044	108,173	134,986	96,276	77,087	63,103	86,018	127,752	110,464	75,649
Profit attributable to owners of parent	million yen	41,725	76,709	84,324	61,271	37,724	33,601	41,788	80,857	128,256	57,110
Segment profit	million yen	107,299	112,055	142,136	99,036	78,376	69,073	89,018	126,109	107,747	72,931
Profit (Loss) on Profit/ Loss on time-lag effect	million yen	-20,555	12,362	81,712	13,789	519	-13,273	6,513	1,696	-62,321	-34,711
Net actuarial loss amortization of retirement benefit costs (impact on profit)	million yen	223	-447	-676	-8,906	-9,272	-2,591	3,396	2,884	7,146	10,289
<b>Assets and Liabilities</b>											
Total assets	million yen	1,668,317	1,862,201	1,829,756	1,886,577	1,897,230	2,029,722	2,140,482	2,313,357	2,569,819	2,819,589
Net assets	million yen	828,565	918,869	935,786	991,870	1,028,799	1,035,044	1,027,667	1,114,597	1,284,132	1,417,178
Shareholders' equity	million yen	798,964	888,496	906,623	961,905	999,569	1,004,340	997,492	1,081,881	1,259,660	1,391,421
Liabilities	million yen	839,752	943,331	893,970	894,706	868,430	994,678	1,112,815	1,198,759	1,285,686	1,402,410
Balance of interest-bearing	million yen	573,586	633,923	567,164	540,668	503,789	647,465	754,006	785,383	815,079	981,556
Issued subordinated corporate bonds	million yen	-	-	-	-	-	-	100,000	175,000	175,000	175,000
<b>Cash flows</b>											
Cash flows from operating	million yen	154,225	156,908	281,819	148,801	168,731	65,116	182,892	219,797	145,350	33,572
Cash flows from investing	million yen	-175,591	-110,704	-144,198	-137,527	-110,456	-204,192	-232,266	-198,354	-152,163	-203,938
Cash flows from financing	million yen	4,163	22,892	-90,716	-50,530	-51,591	85,262	79,272	-1,636	-30,479	119,617
Free cash flow	million yen	-21,365	46,204	137,620	11,274	58,274	-139,076	-49,374	21,443	-6,813	-170,365
Cash and cash equivalents at end of period	million yen	90,359	162,793	209,367	166,912	171,061	115,769	146,813	166,762	130,769	84,793
<b>Investment</b>											
Investment (including capital expenditures)	million yen	183,936	137,175	153,902	134,046	115,494	210,164	225,896	221,383	209,261	237,249
Investment for quality	million yen	41,082	44,698	56,051	48,253	42,191	44,205	57,498	68,873	67,931	65,019
Investment for growth	million yen	142,853	92,476	97,850	85,792	73,303	165,958	168,398	152,510	141,329	172,229
Capital expenditures	million yen	124,146	119,398	114,418	88,657	81,716	107,259	131,010	189,454	189,317	195,330

1. Segment profit (Sales and Profit) - 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 (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) - Free cash flow = Cash flows from operating activities + Cash flows from investing activities

7. As of March 31 for BS-related items

<b>Management indices</b>		14.3	15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3
<b>Profitability indices</b>											
Operating profit / Net sales	%	6.6	6.9	11.1	8.2	6.0	5.0	6.1	8.2	6.0	2.6
Ordinary profit / Net sales ratio	%	7.0	7.1	10.2	8.1	5.9	4.6	6.3	9.4	7.0	3.3
Profit / Net sales ratio	%	2.8	5.0	6.4	5.2	2.9	2.4	3.1	5.9	8.1	2.5
<b>Efficiency indices</b>											
Return on total assets (ROA)	%	2.6	4.3	4.6	3.3	2.0	1.7	2.0	3.6	5.3	2.1
Return on equity (ROE)	%	5.4	9.1	9.4	6.6	3.8	3.4	4.2	7.8	11.0	4.3
Return on invested capital	%	-	-	-	-	-	-	-	6.2	7.0	-
Total assets turnover	times	0.94	0.87	0.72	0.64	0.69	0.70	0.66	0.61	0.65	0.84
<b>Stability indices</b>											
Shareholders' equity / Total assets ratio①	%	47.9	47.7	49.5	51.0	52.7	49.5	48.9	50.5	52.4	52.5
Shareholders' equity / Total assets ratio②	%	47.9	47.7	49.5	51.0	52.7	49.5	46.6	46.8	49.0	49.3
Debt / Equity ratio① (right axis)	times	0.72	0.71	0.63	0.56	0.50	0.64	0.67	0.60	0.54	0.60
Debt / Equity ratio② (right axis)	times	0.72	0.71	0.63	0.56	0.50	0.64	0.76	0.73	0.65	0.71
Balance of interest-bearing debts / EBITDA ① (right axis)	times	3.00	3.17	2.48	2.87	3.01	4.05	3.89	3.07	3.36	4.64
Balance of interest-bearing debts / EBITDA ② (right axis)	times	3.00	3.17	2.48	2.87	3.01	4.05	4.17	3.45	3.76	5.09
Interest coverage ratio (right axis)	times	18.00	16.56	28.17	15.48	17.75	6.43	15.00	19.82	13.97	2.55
<b>Share indices</b>											
Earnings per share (EPS)	yen/share	100.21	184.31	202.64	147.29	90.71	80.80	100.50	194.48	308.48	137.39
Book value per share (BPS)	yen/share	1,919.49	2,134.92	2,179.23	2,312.68	2,403.68	2,415.37	2,399.06	2,602.18	3,030.63	3,347.34
Cash flow per share (CFPS)	yen/share	370.4	377.0	677.3	357.7	405.7	156.6	439.9	528.7	349.6	80.8
Price earnings ratio (PER) (right axis)	times	19.51	13.64	10.67	14.36	23.15	27.03	20.26	11.09	6.78	15.87
Price book value ratio (PBR) (right axis)	times	1.02	1.18	0.99	0.91	0.87	0.90	0.85	0.83	0.69	0.65
Price cash flow ratio (PCFR) (right axis)	times	5.3	6.7	3.2	5.9	5.2	14.0	4.6	4.1	6.0	5.2
EBITDA① (right axis)	million yen	191,105	199,840	228,883	188,403	167,100	159,916	180,943	227,554	216,649	192,754
EBITDA② (right axis)	million yen	183,187	192,850	233,421	186,617	166,841	158,820	175,717	213,936	203,808	179,825
EV (right axis)	million yen	1,326,572	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
EV / EBITDA (right axis)	times	6.94	7.74	5.62	6.81	7.39	9.20	8.20	6.80	7.29	9.49
Dividend on equity ratio (DOE) (right axis)	%	2.4	2.3	2.3	2.2	2.1	2.1	2.1	2.1	2.0	1.9
Payout ratio (right axis)	%	44.9	25.8	24.7	33.9	55.1	61.9	49.8	27.0	18.6	43.7
Dividend Yield (right axis)	%	2.3	1.9	2.3	2.4	2.4	2.3	2.5	2.4	2.8	2.8
Total shareholders return (TSR) (right axis)	%	1.0	1.3	1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.3

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 (right axis) - [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 (right axis) - [Interest-bearing debts (as of the end of the fiscal year) / Shareholders' equity (as of the end of the fiscal year)]
12. Stability indices - Debt / Equity ratio② (right axis) - [Interest-bearing debts (as of the end of the fiscal year) / Shareholders' equity (as of the end of the fiscal year)]
13. Stability indices - Balance of interest-bearing debts / EBITDA ② (right axis) - [Balance of interest-bearing debts (as of the end of the fiscal year) / EBITDA①]
14. Interest coverage ratio (right axis) (Stability indices) - [Cash flows from operating activities / Interest expenses (including interest on bonds)]
15. Share indices - EBITDA① (right axis) - [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 (right axis) - [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) (right axis) (Share indices) - [Share price (as of the end of the fiscal year) / Earnings per share]
21. Price book value ratio (PBR) (right axis) (Share indices) - [Share price (as of the end of the fiscal year) / Book value per share]
22. Price cash flow ratio (PCFR) (right axis) (Share indices) - [Share price (as of the end of the fiscal year) / Cash flow per share]
23. EV (right axis) (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 (right axis) (Share indices) - [EV / EBITDA ①]
25. Dividend on equity ratio (DOE) (right axis) (Share indices) - [Annual dividends / Average shareholders' equity × 100]
26. Payout ratio (right axis) (Share indices) - [Annual dividends per share / Earnings per share]
27. Dividend Yield (right axis) (Share indices) - [Annual dividends per share / Share price (as of the end of the fiscal year)]
28. Total shareholders return (TSR) (right axis) (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)

<b>Consolidated Statements of Income</b>		14.3	15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3
Net sales	million yen	1,512,581	1,528,164	1,322,012	1,183,846	1,296,238	1,371,863	1,368,689	1,364,106	1,586,879	2,275,113
Cost of sales	million yen	1,071,374	1,071,021	814,760	745,139	874,437	981,086	961,983	921,777	1,161,850	1,992,892
Gross profit	million yen	441,207	457,143	507,251	438,707	421,800	390,777	406,705	442,328	425,028	282,221
Selling, general and administrative expenses	million yen	341,825	352,077	360,576	341,457	343,681	322,800	322,913	329,836	330,123	222,219
Operating profit	million yen	99,381	105,065	146,674	97,250	78,118	67,977	83,792	112,491	94,905	60,001
Non-operating income	million yen	17,550	22,822	9,867	14,160	15,491	14,600	24,746	32,941	34,002	38,950
Interest income	million yen	638	770	448	386	453	584	4,262	2,348	2,017	4,308
Dividend income	million yen	3,172	4,659	3,262	3,163	4,151	4,465	7,070	3,378	3,179	3,894
Foreign exchange gain	million yen	-	4,644	-	-	-	-	-	-	-	-
Share of profit of entities accounted for using equity method	million yen	7,917	6,990	-	1,785	-	-	5,225	13,618	12,841	12,929
Gain on sales of investment securities in subsidiaries and associates	million yen	-	-	-	-	-	-	-	3,694	-	-
Proceeds from facility	million yen	-	-	-	2,404	-	-	-	-	-	-
Miscellaneous income	million yen	5,821	5,757	6,156	6,419	10,886	9,551	8,187	9,901	15,963	-
Other	million yen	-	-	-	-	-	-	-	-	-	17,816
Non-operating expenses	million yen	10,888	19,714	21,555	15,134	16,522	19,474	22,520	17,680	18,443	23,302
Loss on valuation of investment securities	million yen	-	-	-	-	-	-	-	-	2,484	-
Interest expenses	million yen	8,567	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	-	-	-	-	-
Provision of allowance for investment loss	million yen	-	-	-	-	-	-	-	-	-	-
Share of loss of entities accounted for using equity method	million yen	-	-	4,538	-	-	-	-	-	-	-
Miscellaneous expenses	million yen	2,321	10,238	7,012	5,521	4,789	9,348	10,327	6,593	5,558	-
Other	million yen	-	-	-	-	-	-	-	-	-	10,134

Ordinary profit	million yen	106,044	108,173	134,986	96,276	77,087	63,103	86,018	127,752	110,464	75,649
Extraordinary income	million yen	5,968	15,952	2,467	-	-	-	-	-	23,825	17,418
Gain on sales of non-current	million yen	-	2,941	2,467	-	-	-	-	-	-	-
Gain on sales of investment securities	million yen	5,968	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	30,138	2,697	14,588	4,680	11,249	11,038	15,568	19,016	18,349	9,357
Loss on disaster	million yen	-	-	-	-	-	2,136	-	-	-	4,887
Amortization of goodwill	million yen	-	-	-	-	-	8,901	-	-	-	-
Impairment losses	million yen	30,138	2,697	14,588	1,744	11,249	-	15,568	19,016	16,013	4,470
Business restructuring expenses	million yen	-	-	-	2,935	-	-	-	-	-	-
Loss on tax purpose reduction entry of non-current assets	million yen	-	-	-	-	-	-	-	-	2,335	-
Profit before income taxes	million yen	81,874	121,428	122,865	91,596	65,837	52,064	70,449	108,735	115,941	83,710
Income taxes - current	million yen	32,149	38,064	43,394	31,622	31,277	19,683	23,451	33,302	24,220	28,869
Income taxes - deferred	million yen	4,717	4,744	-5,478	-3,233	-4,957	-4,160	4,056	-8,410	-41,948	-3,717
Profit	million yen	45,007	78,619	84,949	63,207	39,517	36,542	42,942	83,844	133,670	58,558
Profit attributable to non-controlling interests	million yen	3,281	1,910	624	1,936	1,793	2,941	1,153	2,986	5,413	1,448
Profit attributable to owners of parent	million yen	41,725	76,709	84,324	61,271	37,724	33,601	41,788	80,857	128,256	57,110

<b>Consolidated Statements of</b>		14.3	15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3
Profit	million yen	45,007	78,619	84,949	63,207	39,517	36,542	42,942	83,844	133,670	58,558
Other comprehensive income	million yen	35,843	27,464	-46,692	14,822	21,072	-8,575	-27,945	24,879	75,070	87,815
Valuation difference on available-for-sale securities	million yen	3,314	16,045	-6,736	7,543	5,306	-6,319	-10,455	28,421	-1,965	142
Deferred gains or losses on Revaluation reserve for land	million yen	1,356	-3,232	-3,926	1,401	387	-142	-1,442	-10,143	7,370	16,262
Foreign currency translation adjustment	million yen	-	-	-	-	-	-	-	-	-	-1,209
	million yen	25,018	10,241	-4,078	-7,506	78	-5,943	-1,638	-13,730	33,136	58,271
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
Share of other comprehensive income of entities accounted for using equity method	million yen	6,153	-7,608	-9,422	-2,209	2,692	372	-8,219	-5,204	17,224	24,940
Comprehensive income	million yen	80,850	106,084	38,256	78,029	60,590	27,966	14,996	108,723	208,740	146,373
Comprehensive income attributable to owners of parent	million yen	76,601	104,751	39,452	76,301	58,725	25,731	13,728	105,876	202,492	144,648
Comprehensive income attributable to non-controlling	million yen	4,248	1,332	-1,196	1,728	1,864	2,235	1,268	2,847	6,247	1,725



<b>Consolidated Balance Sheets</b>		14.3	15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3
Current assets	million yen	441,346	538,337	516,636	482,062	503,281	532,194	560,019	583,347	689,384	780,936
Cash and deposits	million yen	75,258	147,426	209,982	167,583	171,529	116,289	147,201	167,083	131,089	85,087
Notes and accounts receivable - trade	million yen	192,277	187,482	167,246	177,512	190,445	219,206	210,515	211,696	-	-
Notes and accounts receivable - trade, and contract assets	million yen	-	-	-	-	-	-	-	-	208,851	279,602
Securities	million yen	20,511	23,521	-	-	-	-	-	-	-	-
Lease receivables and investment in leases	million yen	-	-	-	24,147	30,459	40,445	47,844	54,634	59,047	58,732
Inventories	million yen	88,748	103,420	79,782	69,778	76,861	112,327	108,092	94,187	145,445	219,380
Other	million yen	65,950	77,802	60,735	44,670	35,490	45,616	47,005	56,349	145,589	139,265
Allowance for doubtful accounts	million yen	-1,400	-1,315	-1,110	-1,629	-1,504	-1,691	-640	-602	-639	-1,132
Non-current assets	million yen	1,226,971	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
Property, plant and equipment	million yen	863,084	895,398	911,659	912,737	881,822	907,728	1,014,572	1,070,610	1,156,281	1,243,788
Production facilities	million yen	76,164	75,370	89,192	91,943	89,523	85,086	84,258	89,701	91,154	-
Distribution facilities	million yen	317,836	304,286	297,424	286,889	275,331	265,421	264,657	268,755	275,032	-
Service and maintenance	million yen	66,540	64,206	60,257	58,912	56,924	55,176	55,072	53,481	46,121	-
Other facilities	million yen	291,378	295,387	291,836	387,286	393,116	427,821	542,101	546,456	605,057	-
Buildings and structures, net	million yen	-	-	-	-	-	-	-	-	-	187,685
Machinery and vehicles, net	million yen	-	-	-	-	-	-	-	-	-	616,247
Land	million yen	-	-	-	-	-	-	-	-	-	231,327
Construction in progress	million yen	111,163	156,146	172,949	87,706	66,925	74,222	68,482	112,215	138,915	182,611
Other, net	million yen	-	-	-	-	-	-	-	-	-	25,917
Intangible assets	million yen	90,311	98,680	89,613	77,483	79,743	109,297	98,322	97,912	95,251	105,120
Goodwill	million yen	24,471	21,183	-	-	-	-	-	-	-	-
Other	million yen	65,840	77,947	-	-	-	-	-	-	-	-
Investments and other assets	million yen	273,575	329,784	311,846	414,293	432,382	480,502	467,568	561,487	628,901	689,743
Investment securities	million yen	192,846	230,958	236,774	316,981	323,212	359,737	332,200	377,074	359,225	440,911
Long-term loans receivable	million yen	-	-	-	-	18,412	22,862	25,981	25,686	27,698	-
Retirement benefit asset	million yen	29,414	55,336	25,154	38,615	46,405	49,074	44,264	83,494	118,693	116,038
Deferred tax assets	million yen	-	-	-	-	-	-	-	25,933	64,481	35,148
Other	million yen	53,175	45,405	51,729	60,073	45,597	49,389	65,924	50,099	59,534	98,343
Allowance for doubtful accounts	million yen	-1,860	-1,914	-1,811	-1,376	-1,245	-562	-802	-800	-731	-699
Total assets	million yen	1,668,317	1,862,201	1,829,756	1,886,577	1,897,230	2,029,722	2,140,482	2,313,357	2,569,819	2,819,589
Current liabilities	million yen	278,351	284,537	299,336	262,269	324,142	353,212	312,312	322,784	398,529	459,798
Current portion of non-current liabilities	million yen	39,333	55,731	54,521	50,267	68,548	60,134	71,294	71,981	73,648	-
Notes and accounts payable - Short-term borrowings	million yen	60,358	54,610	53,882	50,246	58,542	66,087	59,363	60,453	104,935	69,142
Income taxes payable	million yen	46,756	26,832	25,916	23,118	22,179	22,751	-	-	-	-
Other	million yen	29,608	30,835	33,834	22,942	-	-	-	27,514	-	-
Non-current liabilities	million yen	102,294	116,527	131,181	115,695	174,872	204,240	181,654	162,834	219,944	390,656
Bonds payable	million yen	561,400	658,794	594,633	632,436	544,288	641,465	800,502	875,975	887,156	942,611
Long-term borrowings	million yen	242,124	240,666	184,975	194,979	164,984	144,989	289,993	354,995	364,998	425,018
Deferred tax liabilities	million yen	244,503	309,848	300,588	267,666	243,255	367,418	363,757	333,263	350,502	386,516
Deferred tax liabilities	million yen	22,031	36,981	21,864	26,451	22,847	22,811	-	41,845	47,298	-

Deferred tax liabilities for land revaluation	million yen	-	-	-	-	-	-	-	-	-	-
Provision for retirement	million yen	-	-	-	-	-	-	-	-	-	-
Provision for gas holder repairs	million yen	1,636	1,722	1,649	1,416	1,326	1,247	1,290	1,138	1,171	-
Provision for safety measures	million yen	10,831	8,451	12,549	10,897	12,936	11,207	9,339	8,892	6,651	-
Provision for loss on investment	million yen	6,999	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	4,983	-
Retirement benefit liability	million yen	15,325	16,484	18,145	18,709	16,958	17,228	17,590	18,758	18,853	19,703
Other	million yen	17,946	33,154	37,725	91,033	61,371	64,108	105,455	104,886	92,698	111,372
Total liabilities	million yen	839,752	943,331	893,970	894,706	868,430	994,678	1,112,815	1,198,759	1,285,686	1,402,410
Shareholders'equity	million yen	738,124	799,613	862,613	902,865	919,527	932,167	952,160	1,011,530	1,115,073	1,159,295
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	19,486	19,488	19,320	19,319	19,222	19,222	19,483	19,469	19,071	19,096
Retained earnings	million yen	587,268	648,896	712,401	752,872	769,801	782,523	802,313	861,746	965,951	1,010,078
Treasury shares	million yen	-797	-938	-1,275	-1,492	-1,663	-1,744	-1,802	-1,852	-2,115	-2,045
Accumulated other comprehensive income	million yen	60,840	88,882	44,010	59,040	80,042	72,172	45,332	70,350	144,586	232,125
Valuation difference on available-for-sale securities	million yen	34,839	50,868	44,143	51,678	56,977	50,617	41,336	69,811	67,905	68,085
Deferred gains or losses on Revaluation reserve for land	million yen	2,425	-6,519	-12,347	-9,500	-7,650	-4,007	-14,161	-30,365	-15,313	25,268
Foreign currency translation adjustment	million yen	-737	-737	-737	-737	-737	-737	-737	-737	-737	-1,947
	million yen	30,414	39,341	28,924	17,993	19,530	11,189	10,085	-2,383	39,108	97,838
Remeasurements of defined benefit plans	million yen	-6,100	5,929	-15,972	-393	11,922	15,110	8,809	34,025	53,624	42,881
Non-controlling interests	million yen	29,601	30,373	29,162	29,965	29,229	30,704	30,174	32,716	24,472	25,757
Total net assets	million yen	828,565	918,869	935,786	991,870	1,028,799	1,035,044	1,027,667	1,114,597	1,284,132	1,417,178
Liabilities and net assets	million yen	1,668,317	1,862,201	1,829,756	1,886,577	1,897,230	2,029,722	2,140,482	2,313,357	2,569,819	2,819,589

1. Figures for FY2022.3 were calculated retroactively due to changes in accounting policies from FY2023.3, etc.

2. Tax effect accounting as of the end of FY2023.3 was calculated on a group relief basis.

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

<b>Consolidated Statements of Cash Flows</b>		14.3	15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3
Profit before income taxes	million yen	81,874	121,428	122,865	91,596	65,837	52,064	70,449	108,735	115,941	83,710
Depreciation	million yen	83,806	87,785	86,747	86,206	88,723	99,745	91,925	101,444	108,902	119,823
Amortization of long-term prepaid expenses	million yen	5,967	5,411	5,369	5,389	5,207	5,000	5,159	5,106	5,431	5,687
Impairment losses	million yen	30,138	2,697	14,588	1,744	11,249	-	15,568	19,016	16,013	4,470
Business restructuring expenses	million yen	-	-	-	2,935	-	-	-	-	-	-
Loss on sales of shares of subsidiaries	million yen	-	-	-	-	2,227	-	-	-	-	-
Proceeds from facility	million yen	-	-	-	-2,404	-	-	-	-	-	-
Increase (decrease) in provision for safety measures	million yen	-2,586	-2,379	4,097	-	-	-	-	-	-	-
Increase (decrease) in provision for loss on guarantees	million yen	-	1,589	-	-	-	-	-	-	-	-
Increase (decrease) in provision for gas appliance warranties	million yen	-	2,895	5,482	5,904	-	-	-	-	-	-
Increase (decrease) in provision for loss on guarantees	million yen	-	-	-	-	-	-	-	-	-	-
Decrease (increase) in prepaid pension expenses	million yen	-	-	-	-	-	-	-	-	-	-
Decrease (increase) in retirement benefit asset	million yen	-3,513	-2,996	-	8,221	8,828	3,057	-3,511	-3,366	-8,502	-11,608
Interest and dividend income	million yen	-3,811	-5,430	-3,711	-3,550	-4,605	-5,049	-11,332	-5,726	-5,196	-8,203
Interest expenses	million yen	8,567	9,475	10,003	9,612	9,505	10,126	12,192	11,087	10,400	13,167
Share of loss (profit) of entities accounted for using equity	million yen	-7,917	-6,990	4,538	-1,785	-	-	-5,225	-13,618	-12,841	-12,929
Loss (gain) on sales of investment securities	million yen	-5,968	-13,011	-	-	-	-	-	-	-	-17,418
Loss (gain) on sales of investment securities in subsidiaries and associates	million yen	-	-	-	-	-	-	-	-3,694	-17,773	-
Loss (gain) on valuation of investment securities	million yen	-	-	-	-	-	-	-	-	2,484	-
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	-20,573	4,132	23,852	-11,151	-15,519	-27,714	12,239	-1,203	-48,430	-47,671

Decrease (increase) in	million yen	2,821	-14,935	24,346	9,166	-8,136	-35,078	4,014	26,113	-47,701	-65,358
Increase (decrease) in trade payables	million yen	3,123	-5,371	-2,275	-3,428	10,380	6,895	664	1,200	41,607	-40,794
Increase (decrease) in accrued expenses	million yen	2,887	-2,361	-6,294	-968	2,276	6,068	3,316	-124	11,109	11,936
Increase (decrease) in accrued consumption taxes	million yen	-1,913	11,402	-	-11,776	4,854	-4,085	4,568	-	-	-
Other, net	million yen	9,091	4,663	35,016	7,563	12,898	-20,253	-3,645	-5,335	-29,068	13,881
Subtotal	million yen	181,993	196,731	322,161	193,274	193,729	90,776	196,384	239,635	144,713	48,692
Interest and dividends received	million yen	10,524	8,678	6,387	7,700	10,815	13,523	21,844	15,461	50,615	14,972
Interest paid	million yen	-8,734	-9,592	-10,224	-9,657	-9,315	-10,186	-12,280	-11,375	-10,559	-12,367
Income taxes paid	million yen	-29,557	-38,909	-36,504	-42,516	-26,498	-28,997	-23,056	-23,924	-39,419	-17,723
Net cash provided by (used in) operating activities	million yen	154,225	156,908	281,819	148,801	168,731	65,116	182,892	219,797	145,350	33,572
Purchase of securities	million yen	-	-2,997	-	-	-	-	-	-	-	-
Proceeds from sales of	million yen	-	-	-	-	-	-	-	-	-	-
Purchase of property, plant and equipment	million yen	-109,425	-105,082	-109,910	-83,435	-73,082	-80,099	-117,574	-169,607	-173,450	-172,079
Proceeds from sales of property, plant and equipment	million yen	-	8,285	5,486	-	-	-	-	-	-	3,616
Purchase of intangible assets	million yen	-14,956	-9,600	-7,646	-9,286	-5,977	-21,943	-9,173	-13,148	-14,547	-22,069
Purchase of long-term prepaid expenses	million yen	-5,268	-4,956	-5,383	-6,463	-5,799	-6,150	-9,045	-6,320	-8,396	-7,141
Purchase of investment	million yen	-	-	-	-	-	-4,680	-7,997	-7,088	-5,304	-8,995
Proceeds from sales of investment securities	million yen	7,659	14,142	-	-	-	-	-	-	4,136	21,086
Purchase of shares of subsidiaries and associates	million yen	-12,435	-18,495	-25,975	-32,810	-15,385	-68,760	-22,965	-6,309	-9,784	-27,816
Proceeds from sales of shares of subsidiaries and associates	million yen	-	4,807	-	-	-	-	-	-	52,302	4,414
Purchase of shares of subsidiaries resulting in change in scope of	million yen	-39,802	-	-1,998	0	-6,602	-22,808	-63,350	-5,914	-	-564
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
Proceeds from collection of long-term loans receivable	million yen	-7,727	-	-7,791	-5,117	-3,000	-5,133	-5,443	-	-4,307	3,544
Collection of long-term loans receivable	million yen	4,780	-	-	-	-	-	-	-	4,800	-
Payments into time deposits	million yen	-2,152	-	-	-	-	-	-	-	-	-

Proceeds from withdrawal of time deposits	million yen	-	-	4,430	-	-	-	-	-	-	-
Other, net	million yen	3,735	3,193	4,175	-991	-3,093	5,382	2,724	1,311	2,387	-1,581
Net cash provided by (used in) investing activities	million yen	-175,591	-110,704	-144,198	-137,527	-110,456	-204,192	-232,266	-198,354	-152,163	-203,938
Payments from changes in ownership interests in subsidiaries	million yen	-	-	-3,603	-	-	-	-	-	-	-
that do not result in change in scope of consolidation											
Net increase (decrease) in commercial papers	million yen	-	-	-	-	-	46,000	-46,000	-	-	68,999
Net increase (decrease) in short-term loans payable	million yen	-	-19,939	-	-	-	-	-	-14,659	-	-
Proceeds from long-term borrowings	million yen	69,356	71,650	15,456	19,248	18,719	129,306	44,170	35,946	42,844	80,069
Repayments of long-term borrowings	million yen	-36,870	-17,420	-25,298	-18,763	-48,399	-37,759	-47,418	-44,572	-60,388	-39,566
Proceeds from issuance of bonds	million yen	25,000	30,000	-	10,000	-	-	175,000	75,000	40,000	70,000
Redemption of bonds	million yen	-31,217	-21,590	-53,131	-35,700	-	-30,000	-20,000	-30,000	-10,000	-30,000
Proceeds from share issuance to non-controlling shareholders	million yen	-	-	190	133	400	195	240	206	402	340
Dividends paid	million yen	-18,738	-18,742	-20,809	-20,803	-20,800	-20,801	-20,799	-20,793	-22,857	-24,929
Dividends paid to non-controlling interests	million yen	-	-	-602	-948	-1,218	-980	-1,165	-749	-7,859	-778
Repayments to non-controlling shareholders	million yen	-	-	-	-	-	-	-	-	-9,700	-37
Other, net	million yen	-3,367	-1,066	-2,918	-3,696	-292	-698	-4,754	-2,013	-2,920	-4,481
Net cash provided by (used in) financing activities	million yen	4,163	22,892	-90,716	-50,530	-51,591	85,262	79,272	-1,636	-30,479	119,617
Effect of exchange rate change on cash and cash equivalents	million yen	-1,894	3,336	-328	-3,197	666	-1,478	1,145	838	1,299	4,772
Net increase (decrease) in cash and cash equivalents	million yen	-19,097	72,433	46,574	-42,454	7,349	-55,292	31,043	20,644	-35,993	-45,975
Cash and cash equivalents at beginning of period	million yen	109,456	90,359	162,793	209,367	166,912	171,061	115,769	146,813	166,762	130,769
Decrease in cash and cash equivalents resulting from exclusion of subsidiaries from	million yen	-	-	-	-	-3,200	-	-	-695	-	-
Cash and cash equivalents at end of period	million yen	90,359	162,793	209,367	166,912	171,061	115,769	146,813	166,762	130,769	84,793

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<b>Segment information</b>		14.3	15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3
<b>Net sales</b>											
Consolidated	million yen	1,512,581	1,528,164	1,322,012	1,183,846	1,296,238	1,371,863	1,368,689	1,364,106	1,586,879	2,275,113
Gas(-17.3)	million yen	1,119,526	1,136,975	948,501	802,331	-	-	-	-	-	-
LPG, Electricity and Other Enerav(-17.3)	million yen	257,970	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	-	-	-	-	-	-	-	-	1,336,105	1,971,694
International Energy	million yen	13,332	13,714	18,701	22,632	22,570	40,489	61,254	69,199	80,779	123,299
Environment and non-energies(-14.3)	million yen	199,677	-	-	-	-	-	-	-	-	-
Life & Business Solutions	million yen	-	207,521	221,702	217,600	201,472	210,914	219,432	216,585	237,086	258,543
Adjustments	million yen	-77,926	-73,793	-73,326	-67,742	-61,827	-76,497	-90,522	-85,059	-67,091	-78,423
<b>Segment profit</b>											
Consolidated	million yen	107,299	112,055	142,136	99,036	78,376	69,073	89,018	126,109	107,747	72,931
Gas(-17.3)	million yen	32,077	50,293	95,724	48,123	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	43,890	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	-	-	-	-	-	-	-	-	38,694	-27,324
International Energy	million yen	7,777	1,261	-277	7,477	-5,338	5,974	8,162	22,115	44,330	69,718
Environment and non-energies(-14.3)	million yen	20,809	-	-	-	-	-	-	-	-	-
Life & Business Solutions	million yen	-	16,581	18,834	20,414	18,284	17,714	19,676	19,250	23,516	29,237
Adjustments	million yen	2,744	2,221	-997	944	1,728	850	122	4,375	1,205	1,300
Profit (Loss) on Profit/ Loss on time-lag effect	million yen	-20,555	12,362	81,712	13,789	519	-13,273	6,513	1,696	-62,321	-34,711
Amount of recognizing actual gains and losses and past service costs (impact on profit)	million yen	223	-447	-676	-8,906	-9,272	-2,591	3,396	2,884	7,146	10,289
<b>Segment assets</b>											
Consolidated	million yen	1,668,317	1,862,201	1,829,756	1,886,577	1,897,230	2,029,722	2,140,482	2,313,357	2,569,819	2,819,589
Gas(-17.3)	million yen	741,733	818,202	772,825	766,272	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	159,909	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	-	-	-	-	-	-	-	-	1,504,545	1,576,809
International Energy	million yen	293,793	368,002	401,590	453,804	462,351	572,881	625,410	634,126	677,097	829,581
Environment and non-energies(-14.3)	million yen	402,633	-	-	-	-	-	-	-	-	-
Life & Business Solutions	million yen	-	394,950	411,459	413,448	350,138	374,311	390,693	419,172	438,178	453,058
Adjustments	million yen	70,248	103,393	71,657	69,544	62,066	50,300	4,815	29,659	-50,002	-39,860

**Segment profit / Segment assets ratio**

Consolidated	%	6.6	6.3	7.7	5.3	4.1	3.5	4.3	5.7	4.4	2.7
Gas(-17.3)	%	4.3	6.4	12.0	6.3	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	%	27.1	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	%	-	-	-	-	-	-	-	-	2.7	0.0
International Energy	%	3.0	0.4	0.1	1.7	1.1	1.2	1.4	3.5	7.0	9.3
Environment and non-energies(-14.3)	%	5.6	-	-	-	-	-	-	-	-	-
Life & Business Solutions	%	-	4.2	4.7	4.9	5.3	4.9	5.1	4.8	5.5	6.6
<b>Depreciation + Amortization of goodwill</b>											
Consolidated	million yen	83,806	87,785	86,747	86,206	88,723	99,745	91,925	101,444	108,902	119,822
Gas(-17.3)	million yen	52,804	57,143	56,396	56,467	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	12,284	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
International Energy	million yen	8,912	6,581	7,173	8,327	12,165	15,228	16,818	23,322	21,249	30,131
Environment and non-energies(-14.3)	million yen	10,647	-	-	-	-	-	-	-	-	-
Life & Business Solutions	million yen	-	13,104	13,803	13,265	12,913	13,173	13,382	14,007	15,356	15,754
Adjustments	million yen	-842	-788	-865	-772	-1,013	-1,389	-1,469	-1,948	-2,730	-3,178
<b>EBITDA</b>											
Consolidated	million yen	191,105	199,840	228,883	188,403	167,100	159,916	180,943	227,554	216,649	192,754
Gas(-17.3)	million yen	84,882	107,437	152,120	104,590	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	56,174	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
International Energy	million yen	16,690	7,842	6,895	15,805	6,827	21,202	24,980	45,437	65,579	99,849
Environment and non-energies(-14.3)	million yen	31,456	-	-	-	-	-	-	-	-	-
Life & Business Solutions	million yen	-	29,686	32,638	33,680	31,198	30,887	33,059	33,258	38,872	44,991
Adjustments	million yen	1,901	1,432	-1,862	171	715	-538	-1,346	2,427	-1,524	-1,878

**Investment in entities accounted for using equity method**

Consolidated	million yen	76,637	90,735	109,997	180,157	192,234	230,703	210,647	210,091	191,659	260,406
Gas(-17.3)	million yen	91	0	0	260	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	5,202	5,845	4,698	4,996	0	0	0	0	0	-
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
International Energy	million yen	55,224	76,380	98,314	171,026	177,258	213,821	195,768	190,912	167,765	221,652
Environment and non-energies(-14.3)	million yen	16,118	-	-	-	-	-	-	-	-	-
Life & Business Solutions	million yen	0	8,509	6,983	3,874	-	-	-	-	-	-
<b>Capital expenditures</b>											
Consolidated	million yen	124,146	119,398	114,418	88,657	81,716	107,259	131,010	189,454	189,317	195,330
Gas(-17.3)	million yen	60,652	49,222	60,194	50,530	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	3,253	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
International Energy	million yen	47,950	38,525	20,714	15,167	6,187	24,760	8,914	29,270	35,932	54,220
Environment and non-energies(-14.3)	million yen	13,015	-	-	-	-	-	-	-	-	-
Life & Business Solutions	million yen	-	17,205	19,934	17,283	17,175	19,888	32,216	35,601	43,094	39,312
Adjustments	million yen	-725	-881	-1,794	-2,000	-1,551	-1,717	-2,937	-3,185	-4,589	-2,321
<b>R&amp;D expenses</b>											
Consolidated	million yen	11,793	11,434	11,340	10,374	9,708	10,961	10,174	9,440	9,500	9,627
Gas(-17.3)	million yen	9,234	8,785	8,553	7,728	-	-	-	-	-	-
LPG, Electricity and Other Energy(-17.3)	million yen	74	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
Environment and non-energies(-14.3)	million yen	2,485	-	-	-	-	-	-	-	-	-
Life & Business Solutions	million yen	-	2,570	2,703	2,544	2,206	3,854	2,902	2,795	2,759	2,944



<b>Number of employees</b>												
Consolidated	Number of persons	21,250	20,982	20,844	20,762	19,997	20,224	20,543	20,941	20,961	21,017	
Gas(-17.3)	Number of persons	11,748	11,562	10,817	10,630	-	-	-	-	-	-	
LPG, Electricity and Other Energy(-17.3)	Number of persons	1,292	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	
International Energy	Number of persons	109	135	147	157	191	194	287	292	239	338	
Environment and non-energies(-14.3)	Number of persons	8,101	-	-	-	-	-	-	-	-	-	
Life & Business Solutions	Number of persons	-	7,936	8,462	8,537	8,610	8,662	8,908	9,235	9,340	9,348	

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

2. Amount of recognizing actual gains and losses and past service costs (impact on profit) (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 / Segment assets ratio = Segment profit / Average segment assets × 100

4. EBITDA - 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

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

8. 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.

9. 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.

10. 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".

<b>Breakdown of Domestic Energy</b>		14.3	15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3
<b>Net sales</b>											
Gas(-17.3)	million yen	1,119,526	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	257,970	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	-	-	-	-	-	-	-	-	1,336,105	1,971,694
Osaka Gas Co., Ltd.	million yen	1,221,846	1,251,835	1,039,733	906,854	1,039,629	1,104,537	1,084,389	1,053,584	1,202,275	1,716,757
Osaka Gas Housing & Equipment Co., Ltd.	million yen	17,847	14,953	15,481	16,992	17,671	17,832	17,705	-	-	-
OGCTS Co., Ltd.1	million yen	26,126	24,949	23,039	26,514	27,013	30,082	32,398	-	-	-
Osaka Gas Network Co., Ltd.	million yen	-	-	-	-	-	-	-	-	-	216,279
Osaka Gas Marketing Co., Ltd.	million yen	-	-	-	-	-	-	-	44,519	45,647	50,347
Daiqas Energy Co., Ltd.	million yen	-	-	-	-	-	-	-	41,956	49,614	63,450
Osaka Gas International Transport Inc.	million yen	-	-	-	-	-	-	-	-	23,780	28,642

<b>Segment profit</b>											
Gas(-17.3)	million yen	32,077	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 / LPG, Electricity and Other Energy(-17.3)	million yen	-2,016	-248	44	67	943	1,031	534	1,050	-	-
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 / Domestic Energy	million yen	770	-570	-904	388	146	-625	-517	-706	-	-
Osaka Gas Co., Ltd.	million yen	-	-	-	-	-	-	-	-	38,694	-27,324
Osaka Gas Housing & Equipment Co., Ltd.(-20.3)	million yen	60,740	80,190	112,054	55,345	47,722	27,946	45,788	60,496	10,172	-
OGCTS Co., Ltd.(-20.3)	million yen	669	264	357	570	568	610	710	-	-	-
Osaka Gas Network Co., Ltd.	million yen	1,444	1,353	1,455	2,081	1,958	2,221	2,224	-	-	-
Osaka Gas Marketing Co., Ltd.	million yen	-	-	-	-	-	-	-	-	-	13,554
Daiogas Energy Co., Ltd.	million yen	-	-	-	-	-	-	-	3,649	3,978	4,340
Osaka Gas International Transport Inc.	million yen	-	-	-	-	-	-	-	3,169	4,789	5,598
Share of profit (loss) of entities accounted for using equity method (Domestic Energy)	million yen	-	-	-	-	-	-	-	-	1,677	-3,939
	million yen	-	-	-	-	-	-	-	-	2,253	4,043

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".

<b>Domestic</b>		14.3	15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3
<b>Energy/Business data</b>											
<b>Profit of gas business/ Osaka Gas</b>											
Sales from gas business	million yen	917,493	941,414	759,522	616,631	662,475	679,170	640,724	551,187	619,977	858,724
Raw material costs (impact on profit)	million yen	-597,772	-595,786	-367,761	-286,621	-345,488	-393,279	-345,135	-239,951	-355,562	-628,413
Gross profit of gas business	million yen	319,721	345,627	391,761	330,010	316,986	285,891	295,588	311,236	264,414	230,311
Profit (Loss) on Profit/ Loss on time-lag effect (Gas)	million yen	-20,555	12,362	81,712	13,789	519	-13,273	6,513	-1,670	-44,784	-16,405
<b>Domestic gas sales volume</b>											
Non-consolidated gas sales volume total	million m3	8,524	8,259	8,021	8,662	8,546	7,901	7,324	7,121	-	-
Residential/ Osaka Gas (-21.3)	million m3	2,198	2,186	2,083	2,103	2,160	1,892	1,798	1,862	-	-
Non-Residential/ Osaka Gas (-Commercial(-17.3)	million m3	-	-	-	-	6,387	6,010	5,526	5,259	-	-
Public and medical(-17.3)	million m3	890	857	833	844	-	-	-	-	-	-
Industrial(-17.3)	million m3	638	608	577	618	-	-	-	-	-	-
Wholesale(-17.3)	million m3	4,329	4,133	4,059	4,609	-	-	-	-	-	-
Supply for non-regulated customers(-17.3)	million m3	469	474	469	489	-	-	-	-	-	-
Supply for non-regulated customers(-17.3)	million m3	4,988	4,755	4,647	5,218	-	-	-	-	-	-
Monthly gas sales volume per household	m3/month	31.3	30.9	29.3	29.3	30.8	28.7	29.2	31.6	31.8	-
Domestic gas sales volume total (Consolidated)	million m3	8,554	8,290	8,052	8,694	8,580	7,935	7,362	7,157	7,096	6,845
Residential	million m3	-	-	-	-	-	-	-	-	1,849	1,697
Non-Residential	million m3	-	-	-	-	-	-	-	-	5,241	5,148
Non-consolidated number of unit for gas supply	thousand	7,136	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 ℃	- 17.1	- 16.8	- 17.4	- 17.4	- 16.8	- 17.7	- 17.8	5,144 17.6	5,026 17.2	5,004 17.8
<b>Domestic electricity sales volume</b>											
Retail	GWh	-	-	-	995	2,355	3,457	4,617	5,721	6,189	6,390
Wholesale, etc.	GWh	-	-	-	7,954	8,596	8,196	8,572	10,412	10,571	9,493
Total	GWh	-	-	8,503	8,948	10,951	11,653	13,189	16,133	16,760	15,883
Number of low-voltage electricity supply	thousand	-	-	-	305	619	945	1,322	1,510	1,613	-
<b>Number of customer accounts</b>											
Number of customer accounts	thousand	-	-	-	7,997	8,274	8,745	9,102	9,401	9,812	10,021
Non-consolidated number of unit for gas supply	thousand	7,136	7,196	7,252	6,230	5,970	5,553	5,225	5,031	4,915	-
Number of unit for gas supply	thousand	-	-	-	-	-	-	-	5,144	5,026	5,004
Number of low-voltage electricity supply	thousand	-	-	-	305	619	945	1,322	1,510	1,613	1,707

<b>Sales of major gas appliances</b>											
Gas co-generation system for residential use	units	13,625	16,394	13,166	16,965	18,830	18,669	18,695	22,034	17,511	20,189
Gas co-generation for industrial running capacity	thousand kW	1,519	1,581	1,580	1,589	1,573	1,571	1,544	1,542	1,530	1,509
Gas heat pump (thousand kW)	thousand kW	594	540	566	539	476	459	530	383	431	401
<b>Change in total length of gas pipes</b>											
High-pressure	km	738	738	741	741	741	742	749	748	761	761
Medium-pressure A	km	1,807	1,848	1,879	1,903	1,917	1,919	1,929	1,940	1,942	1,947
Medium-pressure B	km	4,514	4,532	4,548	4,563	4,576	4,588	4,599	4,610	4,621	4,628
Low-pressure main pipe	km	15,926	16,000	16,075	16,128	16,187	16,254	16,333	16,388	16,441	16,480
Length of main pipes	km	22,984	23,117	23,243	23,335	23,421	23,504	23,610	23,686	23,766	23,817
Length of branch pipes	km	26,877	27,010	27,137	27,255	27,367	27,485	27,588	27,697	27,777	27,868
Total Length of main and branch pipes	km	49,861	50,128	50,380	50,590	50,788	50,989	51,198	51,383	51,543	51,684
Length of supply pipes	km	10,892	10,950	11,011	11,077	11,132	11,187	11,234	11,289	11,337	11,386
Total length of pipes, including supply pipes	km	60,754	61,078	61,391	61,666	61,919	62,175	62,432	62,671	62,880	63,071
<b>LNG handled by Daigas group</b>											
Brunei	thousand ton	640	626	763	556	765	781	704	454	641	160
Indonesia	thousand ton	1,250	587	612	750	523	505	175	285	127	0
Malaysia	thousand ton	1,678	1,684	1,063	1,025	940	1,203	936	945	942	1,153
Australia	thousand ton	1,864	1,749	1,325	2,039	3,024	3,225	3,398	3,436	4,011	4,756
Russia	thousand ton	505	577	507	703	575	384	382	384	449	321
Qatar	thousand ton	296	359	409	359	415	354	238	421	179	0
Oman	thousand ton	1,476	1,348	1,309	1,454	1,269	1,389	1,322	1,271	1,335	1,460
Papua new guinea	thousand ton	0	539	1,451	1,724	1,667	1,252	1,243	1,308	1,663	1,939
USA	thousand ton	0	0	0	0	132	60	788	1,836	2,823	679
Others	thousand ton	479	605	363	305	208	265	0	235	274	141
Total	thousand ton	8,187	8,075	7,802	8,915	9,519	9,419	9,186	10,575	12,443	10,608

1. Sales from gas business (Profit of gas business/ Osaka Gas) - Prior to FY17.3 calculated by Sales from gas business = 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 units for gas supply = 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. Number of customer accounts (Number of customer accounts) - Total number of contracts for gas, electricity, LPG, ENE FARM, "Sumikata" services, Utility Agent, etc.

8. Non-consolidated number of unit for gas supply (Number of customer accounts) - Number of units for gas supply = 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.

9. Number of unit for gas supply (Number of customer accounts) - Domestic consolidated basis

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

<b>Breakdown of International Energy</b>		14.3	15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3
<b>Net sales</b>											
International Energy	million yen	13,332	13,714	18,701	22,632	22,570	40,489	61,254	69,199	80,779	123,299
Osaka Gas Australia Pty Ltd	million yen	-	-	-	-	5,820	13,859	14,661	7,597	17,845	30,258
Osaka Gas USA Corporation	million yen	-	912	8,836	9,854	4,011	11,153	17,758	35,582	61,594	90,391
Osaka Gas Energy America Corporation(-15.3)	million yen	6,525	5,189	-	-	-	-	-	-	-	-
Osaka Gas Resources America Corporation(-15.3)	million yen	950	356	-	-	-	-	-	-	-	-
Osaka Gas International Transport Inc.	million yen	2,007	1,864	3,164	6,063	7,800	10,606	23,631	21,180	-	-
<b>Segment profit</b>											
International Energy	million yen	7,777	1,261	-277	7,477	-5,338	5,974	8,162	22,115	44,330	69,718
Osaka Gas Australia Pty Ltd	million yen	-	-	-	-	1,194	5,538	6,088	-2,367	9,181	21,882
Osaka Gas USA Corporation	million yen	-	-7,512	3,434	4,905	-8,836	-2,173	-5,000	8,620	27,837	42,570
Osaka Gas Energy America Corporation(-15.3)	million yen	2,927	2,303	-	-	-	-	-	-	-	-
Osaka Gas Resources America Corporation(-15.3)	million yen	-3,808	-454	-	-	-	-	-	-	-	-
Osaka Gas International Transport Inc.	million yen	610	-373	985	1,608	2,338	1,558	1,626	2,353	-	-
Share of profit (loss) of entities accounted for using equity	million yen	8,551	7,511	-4,594	807	-831	691	5,209	13,274	10,587	8,886
Idemitsu Snorre Oil Development Co., Ltd.(-22.3)	million yen	4,779	3,815	159	1,832	3,809	3,880	2,345	6,254	3,556	-
IPP projects in North America (Thermal)	million yen	-	-	-	-	-	1,014	931	1,795	4,278	8,254

1. IPP projects in North America (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 company name changed from Osaka Gas Freedom Energy Corporation to Osaka Gas USA Corporation.

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 and non-energies" has been changed to "Life & Business Solutions".

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 transferred into "Domestic Energy". Osaka Gas' operating expenses for International Energy, which was previously included in "Domestic Energy / Gas," was transferred into "International Energy".

<b>Breakdown of Life &amp; Business Solutions</b>			14.3	15.3	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3
<b>Net sales</b>												
Environment and non-energies(-14.3)	million yen		199,677	-	-	-	-	-	-	-	-	-
Life & Business Solutions	million yen		-	207,521	221,702	217,600	201,472	210,914	219,432	216,585	237,086	258,543
Osaka Gas Urban Development Co., Ltd.	million yen		29,138	28,389	23,636	27,927	25,589	21,095	22,021	26,685	28,296	35,740
Osaka Gas Information System Research Institute Co., Ltd.	million yen		29,802	30,761	35,886	37,132	36,676	40,240	43,029	40,163	45,468	47,782
Osaka Gas Chemicals Co., Ltd.	million yen		14,584	12,659	27,944	26,705	29,190	30,914	30,935	31,024	34,027	34,186
Japan EnviroChemicals, Ltd. (-Jacobi Carbons AB	million yen		15,572	15,229	-	-	-	-	-	-	-	-
	million yen		-	21,614	25,299	23,131	25,566	29,962	31,060	31,560	37,893	49,608
<b>Segment profit</b>												
Environment and non-energies(-14.3)	million yen		20,809	-	-	-	-	-	-	-	-	-
Life & Business Solutions	million yen		-	16,581	18,834	20,414	18,284	17,714	19,676	19,250	23,516	29,237
Osaka Gas Urban Development Co., Ltd.	million yen		7,063	6,700	6,148	7,657	6,865	6,548	6,688	7,777	7,794	9,608
Osaka Gas Information System Research Institute Co., Ltd.	million yen		2,598	2,845	3,857	3,622	4,415	5,232	5,141	3,859	6,077	5,749
Osaka Gas Chemicals Co., Ltd	million yen		-599	-160	550	638	1,342	1,761	1,416	2,118	2,088	2,198
Japan EnviroChemicals, Ltd. (-Jacobi Carbons AB	million yen		1,138	1,218	-	-	-	-	-	-	-	-
	million yen		-	2,846	2,714	2,870	2,404	579	2,742	3,431	3,740	6,874
Share of profit (loss) of entities accounted for using equity	million yen		612	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 and non-energies" has been changed to "Life & Business Solutions".

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 number of employees.

Generation capacity of Daigas group		Operating	Under construction, etc	Total
Domestic Thermal LNG	MW	1,806	1,245	3,051
Domestic Renewable energy	MW	219	0	219
Domestic Thermal.etc Total	MW	2,026	1,245	3,271
Domestic Renewable energy	MW	768	329	1,097
Domestic Total	MW	2,794	1,574	4,368
International Thermal LNG	MW	1,965	0	1,965
International Renewable energy Coal	MW	0	0	0
International Thermal Total	MW	1,965	0	1,965
International Renewable	MW	88	88	176
International Total	MW	2,053	88	2,141
Domestic and International and International Thermal LNG	MW	3,771	1,245	5,016
Domestic and International Renewable energy Coal Total	MW	219	0	219
Domestic and International Thermal.etc Total	MW	3,991	1,245	5,236
Domestic and International Renewable energy Total	MW	856	417	1,273
Domestic and International	MW	4,847	1,662	6,509

1. Domestic Thermal.etc Total - Including cryogenic power

2. As of March 31, 2023

3. Under construction, etc include projects that have been decided and have not yet started construction

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<b>Environment</b>		17.3	18.3	19.3	20.3	21.3	22.3	23.3
GHG Emissions	thousand t-CO <sub>2</sub> e	36,127	36,630	34,808	32,907	27,784	26,785	25,977
Scope 1	thousand t-CO <sub>2</sub> e	4,090	4,888	5,052	4,660	5,215	4,526	4,406
Scope 2	thousand t-CO <sub>2</sub> e	273	270	298	303	297	334	324
Scope 3	thousand t-CO <sub>2</sub> e	31,764	31,471	29,459	27,944	22,271	21,925	21,247
Contribution to reduction in amount of CO <sub>2</sub> emissions (right axis)	thousand t-CO <sub>2</sub>	-	-609	-1,057	-1,650	-2,280	-3,356	-3,863

1. Greenhouse gases subject to calculation are, CO<sub>2</sub>, methane (CH<sub>4</sub>), N<sub>2</sub>O and chlorofluorocarbons (HFC).
2. Calculation of Scope 3 greenhouse gas emissions started in FY2016.3, covering the Daigas Group's entire value chain.

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

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.

<b>Governance</b>		19.6	20.6	21.6	22.6	23.6
<b>Board members</b>						
Number of Board members	Number of persons	13	9	10	10	10
In-house board members	Number of persons	10	6	6	6	6
In-house board members/ Male	Number of persons	10	6	6	6	6
In-house board members/ Female	Number of persons	0	0	0	0	0
Outside board members	Number of persons	3	3	4	4	4
Outside board members/ Male	Number of persons	3	3	3	3	2
Outside board members/ Female	Number of persons	0	0	1	1	2
Percentage of outside board members (right axis)	%	23	33	40	40	40
Percentage of female board members (right axis)	%	0	0	10	10	20
<b>Audit &amp; supervisory board members</b>						
Number of audit & supervisory board members	Number of persons	5	5	5	5	5
Inside audit & supervisory board members	Number of persons	2	2	2	2	2
In-house audit & supervisory board members/ Male	Number of persons	2	2	2	2	2
In-house audit & supervisory board members/ Female	Number of persons	0	0	0	0	0
Outside audit & supervisory board members	Number of persons	3	3	3	3	3
Outside audit & supervisory board members/ Male	Number of persons	2	2	2	2	1
Female outside audit & supervisory board members	Number of persons	1	1	1	1	2
Ratio of outside audit & supervisory board members (right axis)	%	60	60	60	60	60
Ratio of female audit & supervisory board members (right axis)	%	20	20	20	20	40

1. Latest figures as of June 2023. Number of members elected by the annual meeting of shareholders in the year.