



Summary of Consolidated Operating Results

	(FY)	2013.3	2014.3	2015.3	2016.3	2017.3	2018.3	2019.3	2020.3	2021.3	2022.3*1	2023.3*1
Financial Information												
Net sales	million yen	1,380,060	1,512,581	1,528,164	1,322,012	1,183,846	1,296,238	1,371,863	1,368,689	1,364,106	1,591,120	2,275,113
Operating profit	million yen	84,773	99,381	105,065	146,674	97,250	78,118	67,977	83,792	112,491	99,201	60,001
Ordinary profit	million yen	90,125	106,044	108,173	134,986	96,276	77,087	63,103	86,018	127,752	113,525	75,649
Profit attributable to owners of parent	million yen	52,467	41,725	76,709	84,324	61,271	37,724	33,601	41,788	80,857	130,421	57,110
Comprehensive income	million yen	83,844	80,850	106,084	38,256	78,029	60,590	27,966	14,996	108,723	210,905	146,373
Capital expenditures for quality improvement	million yen	44,507	41,082	44,698	56,051	48,253	42,191	44,205	57,498	68,873	67,931	65,019
Depreciation + amortization of goodwill	million yen	82,818	83,806	87,785	86,747	86,206	88,723	99,745	91,925	101,444	108,902	119,823
R&D expenses	million yen	10,875	11,793	11,434	11,340	10,374	9,708	10,961	10,174	9,440	9,500	9,627
Total assets*2	million yen	1,566,899	1,668,317	1,862,201	1,829,756	1,886,577	1,897,230	2,029,722	2,140,482	2,313,357	2,588,086	2,819,589
Net assets	million yen	774,317	828,565	918,869	935,786	991,870	1,028,799	1,035,044	1,027,667	1,114,597	1,296,089	1,417,178
Shareholders' equity	million yen	747,802	798,964	888,496	906,623	961,905	999,569	1,004,340	997,492	1,081,881	1,271,617	1,391,421
Balance of interest-bearing debts	million yen	540,199	573,586	633,923	567,164	540,668	503,789	647,465	754,006	785,383	815,079	981,556
Cash flows from operating activities	million yen	129,597	154,225	156,908	281,819	148,801	168,731	65,116	182,892	219,797	145,350	33,572
Cash flows from investing activities	million yen	(116,791)	(175,591)	(110,704)	(144,198)	(137,527)	(110,456)	(204,192)	(232,266)	(198,354)	(152,163)	(203,938)
Cash flows from financing activities	million yen	(27,897)	4,163	22,892	(90,716)	(50,530)	(51,591)	85,262	79,272	(1,636)	(30,479)	119,617
Cash and cash equivalents at end of period	million yen	109,456	90,359	162,793	209,367	166,912	171,061	115,769	146,813	166,762	130,769	84,793
Free cash flow (Cash flows from operating activities + Cash flows from investing activities)	million yen	12,805	(21,365)	46,204	137,620	11,274	58,274	(139,076)	(49,374)	21,443	(6,813)	(170,365)
Capital expenditures	million yen	112,987	124,146	119,398	114,418	88,657	81,716	107,259	131,010	189,454	189,317	195,330

*1 Prepared under the "Regulations Concerning the Terminology, Forms and Preparation Methods of Consolidated Financial Statements" (1976, Ministry of Finance Ordinance No. 28) since the year ended March 31, 2023. Figures for FY2022.3 are on a retrospective basis. Tax effect accounting calculations for FY2023.3 were done on a group tax sharing basis.

*2 "Partial Amendments to Accounting Standard for Tax Effect Accounting" (Accounting Standards Board of Japan (ASBJ) Statement No.28, February 16, 2018) have been applied from the beginning of FY2019.3. Key management indicators for FY2018.3 are calculated by retroactively applying the above accounting standard.



	(FY)	2013.3	2014.3	2015.3	2016.3	2017.3	2018.3	2019.3	2020.3	2021.3	2022.3	2023.3
Per Share Information*3												
Earnings per share (EPS)	yen	125.99	100.21	184.31	202.64	147.29	90.71	80.80	100.50	194.48	313.69	137.39
Net assets per share (BPS)	yen	1,795.79	1,919.49	2,134.92	2,179.23	2,312.68	2,403.68	2,415.37	2,399.06	2,602.18	3,059.40	3,347.34
Dividends	yen	42.5	45.0	47.5	50.0	50.0	50.0	50.0	50.0	52.5	57.5	60.0

Key Ratios												
EBITDA (Operating profit + Depreciation + Amortization of goodwill + Share of profit of entities accounted for using equity method)	million yen	173,927	191,105	199,840	228,883	188,403	167,100	159,916	180,943	227,554	220,946	192,754
Shareholders' equity ratio (Shareholders' equity / Total assets (as of the end of the fiscal year))	%	47.7	47.9	47.7	49.5	51.0	52.7	49.5	46.6	46.8	49.1	49.3
D/E ratio (Interest-bearing debts / Shareholders' equity (as of the end of the fiscal year))		0.72	0.72	0.71	0.63	0.56	0.50	0.64	0.76	0.73	0.64	0.71
Return on equity (ROE) (Profit attributable to owners of parent / Average shareholders' equity during the fiscal year)	%	7.3	5.4	9.1	9.4	6.6	3.8	3.4	4.2	7.8	11.0	4.3
Return on invested capital (ROIC)*4	%	—	—	—	—	—	—	—	—	6.2	7.1	2.7
Payout ratio (Interim dividends + Annual dividends) / Earnings per share (EPS))	%	33.7	44.9	25.8	24.7	33.9	55.1	61.9	49.8	27.0	18.3	43.7

Gas Sales Volume												
	million m ³	8,534	8,554	8,290	8,052	8,694	8,580	7,935	7,362	7,157	7,090	6,845

Number of Employees												
	employees	19,870	21,250	20,982	20,844	20,762	19,997	20,224	20,543	20,941	20,961	21,017

*3 Calculated in consideration of share consolidation.

*4 Please see □□ P.45 for an explanation on ROIC.



Group Companies

As of March 31, 2023

Consolidated Subsidiaries

	Name of subsidiary	Main business	Capital (million yen)	Osaka Gas shareholding (indirect shareholding thereof) (%)
Domestic Energy	Osaka Gas Network Co., Ltd.*	General gas pipeline service business	6,000	100.0
	Osaka Gas Marketing Co., Ltd.	Sales of gas and electricity for residential customers, maintenance, sales of appliances, home renovation, and others	100	100.0
	Daigas Energy Co., Ltd.	Sales and maintenance of gas and electricity for commercial customers; sales of appliances, engineering, and construction; energy service; sales of LNG and LPG; heat supply; and others	310	100.0
	Daigas Gas and Power Solution Co., Ltd.	Operation and maintenance of LNG terminals and power plants; power generation and sales of electricity; engineering; and others	100	100.0
	Senboku Power Fuel Co., Ltd.	Purchase and sale of LNG for Senboku Natural Gas Power Plant	120	100.0
	Osaka Gas Energy Supply and Trading Pte. Ltd.	LNG trading	US\$40 million	100.0
	Shiribetsu Wind Development Co., Ltd.	Electric power supply	598	100.0 (100.0)
	Senboku Natural Gas Power Generation Co., Ltd.	Electric power supply	2,000	90.0
	Nakayama Joint Power Generation Co., Ltd.	Electric power supply	300	95.0 (95.0)
	Nakayama Nagoya Joint Power Generation Co., Ltd.	Electric power supply	450	95.0 (95.0)
	Hirogawa Myojin-yama Wind Power Generation Co., Ltd.	Electric power supply	490	100.0 (100.0)
Daigas Oita Mirai Solar Co., Ltd.	Electric power supply	8	100.0 (100.0)	
International Energy	Osaka Gas USA Corporation*	Investment in natural gas projects, energy supply business, and others	US\$1	100.0
	Osaka Gas Australia Pty. Ltd.*	Development of and investment in natural gas, and others	US\$1,327 million	100.0
	Osaka Gas Crux Pty. Ltd.*	Development of and investment in natural gas, and others	US\$107 million	100.0 (100.0)
	Osaka Gas Gorgon Pty. Ltd.*	Development of and investment in natural gas, and others	US\$322 million	100.0 (100.0)
	Osaka Gas Ichthys Pty. Ltd.*	Development of and investment in natural gas, and others	US\$152 million	100.0 (100.0)
	Osaka Gas Ichthys Development Pty. Ltd.*	Development of and investment in natural gas, and others	US\$149 million	100.0 (100.0)
	Osaka Gas Singapore Pte. Ltd.*	Research, development, investment and others relating to energy-related business	284 million Singapore dollars	100.0
	Osaka Gas UK, Ltd.*	Investment relating to energy supply business, and others	€134 million	100.0



	Name of subsidiary	Main business	Capital (million yen)	Osaka Gas shareholding (indirect shareholding thereof) (%)
Life & Business Solutions	Osaka Gas Urban Development Co., Ltd.	Development, leasing, management, sales of real estate, and others	1,570	100.0
	Osaka Gas Facilities Corporation	Operation, management, maintenance of buildings and facilities, and others	100	94.4 (94.4)
	OGIS-RI Co., Ltd.	Development of computer software/Computer-based data processing services, and others	440	100.0
	Sakura Information Systems Co., Ltd.	Software development/Computer-based data processing services, and others	600	51.0 (51.0)
	Osaka Gas Chemicals Co., Ltd.*	Manufacture and sales of fine materials, carbon material products, activated carbon, and wood protective coating	14,231	100.0
	Mizusawa Industrial Chemicals, Ltd.	Manufacture and sales of absorbent functional materials and resin additives, and others	1,519	100.0 (100.0)
	Jacobi Carbons AB	Manufacture and sales of activated carbon, and others	549,000 Swedish Kronor	100.0 (100.0)

and others, totaling 154 companies

*Specified subsidiary

Equity Method Affiliates

Name of affiliate	Main business	Capital (million yen)	Osaka Gas shareholding (indirect shareholding thereof) (%)
Enearc Co., Ltd.	Domestic Energy	1,040	50.0
CD Energy Direct Co., Ltd.	Domestic Energy	1,750	50.0
FLIQ1 Holdings, LLC	International Energy	—	25.0 (25.0)

and others, totaling 32 companies

Note: The column "Main business" shows segment names listed on [P.2](#) in this report.



Company Data

As of June 30, 2023

Directory

Head Office

4-1-2, Hiranomachi, Chuo-ku, Osaka
541-0046, Japan
(IR Team, Corporate Strategy Dept.)

Tokyo Office

Shin-Otemachi Building 6F, 2-2-1,
Otemachi, Chiyoda-ku, Tokyo
100-0004, Japan

United Kingdom

Osaka Gas UK, Ltd.
1st Floor, Carrington House
126-130 Regent Street,
London W1B 5SE, UK

United States

Osaka Gas USA Corporation (Houston Office)
1330 Post Oak Blvd,
Suite 1900 Houston, TX 77056, USA

Osaka Gas USA Corporation (New York Office)
1 North Lexington Ave, Suite 1400, White Plains,
NY 10601, USA

Osaka Gas USA Corporation (Silicon Valley Office)
440 North Wolfe Rd, Sunnyvale, CA 94085, USA

Sabine Oil & Gas Corporation
1415 Louisiana Street, Suite 1600 Houston,
TX 77002, USA

Australia

Osaka Gas Australia Pty Ltd
Level 22, 108 St Georges Terrace Perth, Western Australia
6000, Australia

Singapore

Osaka Gas Singapore Pte. Ltd.
Osaka Gas Energy Supply and Trading Pte. Ltd.
182 Cecil Street #30-02 Fraser Tower Singapore 069547,
Singapore

Thailand

OSAKA GAS (THAILAND) CO., LTD.
55 Wave Place Building 10th Floor, Unit 10.04, Wireless
Road, Lumpini, Pathumwan, Bangkok 10330, Thailand

Indonesia

PT OSAKA GAS INDONESIA
Summitmas 1, lantai 9 Jl. Jend. Sudirman Kav 61-62
Jakarta-12190, Indonesia

Philippines

Osaka Gas Singapore Pte. Ltd. Manila
Representative Office
37F, LKG Tower, 6801 Ayala Ave, Makati, 1226 Metro
Manila, Philippines

India

Osaka Gas India Private Limited
Room No. 517, 5th Floor, Caddie Commercial Tower,
Aerocity, New Delhi 110037, India

Investor Information

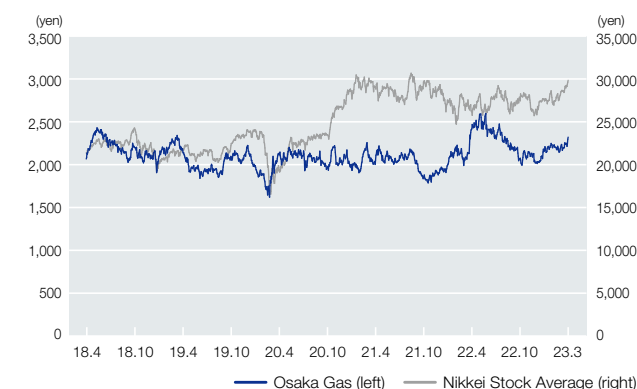
Date of Establishment	April 10, 1897
Annual Meeting of Shareholders	Held in June each year (In 2023, the Annual Meeting of Shareholders was held on June 23.)
Common Stock	Authorized: 700,000,000 shares Issued: 416,680,000 shares
Listing of Shares	Tokyo Stock Exchange
Number of Shareholders (As of March 31, 2022)	93,657
Stock Transaction Units	100 shares
Independent Certified Public Accountants	KPMG AZSA LLC
Transfer Agent	Sumitomo Mitsui Trust Bank, Limited
Contact	Sumitomo Mitsui Trust Bank, Limited Stock Transfer Agency Business Planning Department Tel: (+81) 120-782-031 (Toll-free in Japan)

Major Shareholders (As of March 31, 2023)

Shareholder	Number of shares (Thousands)	Shareholding ratio (%)
The Master Trust Bank of Japan, Ltd. (Trust a/c)	67,279	16.19
Custody Bank of Japan, Ltd. (Trust a/c)	25,601	6.16
Nippon Life Insurance Company	13,469	3.24
MUFG Bank, Ltd.	11,188	2.69
Resona Bank, Ltd.	10,555	2.54
STATE STREET BANK WEST CLIENT-TREATY 505234	9,296	2.24
Aioi Nissay Dowa Insurance Co., Ltd.	5,973	1.44
Meiji Yasuda Life Insurance Company	5,838	1.40
JP MORGAN CHASE BANK 385781	5,204	1.25
STATE STREET BANK AND TRUST COMPANY 505103	5,200	1.25

Note: The share ratio is the percentage with respect to the number of shares issued and outstanding.

Stock Price Range



We have created a page for investors on our website, which is updated in a timely manner.

Daigas Group investor relations web page: <https://www.daigasgroup.com/en/ir/>

● For inquiries about this report or requests for other materials, please contact:

✉ E-mail: keiri@osakagas.co.jp

● Please note that we do not accept files attached to e-mails, such as image files.



Unit Conversion List

Weight

kg	Metric ton	Imperial (short) ton	U.S. (long) ton
1	1×10 ⁻³	0.984×10 ⁻³	1.102×10 ⁻³
1,000	1	0.9842	1.1023
1,016.0	1.0160	1	1.1200
907.19	0.9072	0.8927	1

Length

m	ft	yard	mile
1	3.2808	1.0936	0.622×10 ⁻³
0.3048	1	0.333	0.189×10 ⁻³
0.9144	3	1	0.568×10 ⁻³
1,609	5,280	1,760	1

Volume (Liquid)

m ³ (kl)	ft ³	Imperial gallon	U.S. gallon
1	35.315	219.97	264.17
28.32×10 ⁻³	1	6.288	7.481
4.55×10 ⁻³	0.1606	1	1.2011
3.78×10 ⁻³	0.1337	0.8327	1

1 kl = 6.29 barrels, 1 barrel (42 U.S. gallons) = 0.159 kl

Volume (Gas)

m ³ (N)	m ³ (S)	SCF
1	1.055	37.33
0.9476	1	35.37
0.0268	0.0283	1

N: 0°C, S: 15°C, SCF: 101.33 kPa, 15.5°C (60°F)

Energy

kcal	Btu	MJ	kWh
1	3.969	4.186×10 ⁻³	1.162×10 ⁻³
0.2520	1	1.055×10 ⁻³	0.2929×10 ⁻³
238.9	948.2	1	0.2778
860.1	3,414	3.600	1

Heating Value (Gas)

kcal/m ³ (N)	Btu/SCF	MJ/m ³ (S)
1	0.1063	3.97×10 ⁻³
9.406	1	3.73×10 ⁻²
252.1	26.81	1

1 ton of LNG = 13×10⁶ kcal = 52×10⁶ Btu

Inclusion in SRI Indices

Osaka Gas was included in the following socially responsible investment (SRI) indices and an investment universe (candidates for inclusion in indices) as of June 30, 2023. Osaka Gas has been selected as a constituent of all six ESG indices for Japanese equities used by the Government Pension Investment Fund (GPIF).



FTSE Blossom Japan Sector Relative Index

FTSE Blossom Japan Sector Relative Index*1

Member of
Dow Jones Sustainability Indices
Powered by the S&P Global CSA

Dow Jones Sustainability Indexes



Sense in sustainability

ECPI World ESG Equity



MSCI ESG Leaders*2



FTSE4Good

FTSE4Good Index Series



FTSE Blossom Japan Index

FTSE Blossom Japan Index

2023 CONSTITUENT MSCI JAPAN ESG SELECT LEADERS INDEX

MSCI Japan ESG Select Leaders Index*2

2023 CONSTITUENT MSCI JAPAN EMPOWERING WOMEN INDEX (WIN)

MSCI Japan Empowering Women Index*2



Sompo Sustainability Index



Ethibel Excellence



EuroNext Vigeo World 120 Index



Japan ex-REIT Gender Diversity Tilt Index

Morningstar Japan ex-REIT Gender Diversity Tilt Index



S&P/JPX Carbon Efficient Index

*1 FTSE Russell (the trading name of FTSE International Limited and Frank Russell Company) confirms that Osaka Gas has been independently assessed according to the FTSE4Good criteria, and has satisfied the requirements to become a constituent of the FTSE Blossom Japan Sector Relative Index. Created by the global index provider FTSE Russell, the FTSE4Good Index Series is designed to measure the performance of companies demonstrating strong Environmental, Social and Governance (ESG) practices. The FTSE4Good indices are used by a wide variety of market participants to create and assess responsible investment funds and other products.

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