

# Osaka Gas in brief 2018

## Major Companies of Daiqas Group (as of June 30, 2018)

	Name of subsidiary	Paid-in capital	Shareholding ratio (%)	Establishment/ incorporation	Location	Description of business	
Resources	Universe Gas & Oil Company, Inc	5,080.7 Million Yen	33.43	1990	Tokyo Japan	- Development and investment related to energies including oil and natural gas	
	OSAKA GAS AUSTRALIA PTY LTD	1,327 Million US D	100	2000	Perth Australia	- Development and investment related to energies including oil and natural gas	
	Osaka Gas Summit Resources Co., Ltd.	100 Million Yen	70	2005	Osaka Japan	- Development and investment related to energies including oil and natural gas	
	Osaka Gas Resources Canada Ltd.	77 Million Canada D	100	2011	Vancouver Canada	- Development and investment related to energies including oil and natural gas	
	Osaka Gas USA Corporation	1 US D	100	2007	Houston HQ / New York U. S. A.	- Development and investment related to energies including oil and natural gas	
	Osaka Gas International Transport Inc.	3,190 Million Yen	100	1990	Osaka Japan	- LNG tankers rental business	
	United LNG Trading Co., Ltd.	10 Million Yen	50	2006	Tokyo Japan	- LNG import business including customs operation	
	Senboku Power Fuel Co., Ltd.	120 Million Yen	100	2008	Osaka Japan	- LNG import business including customs operation	
	Marianas Energy Company LLC	-	100	2007	Guam U. S. A.	- Electricity supply business	
	Osaka Gas UK, Ltd.	135 Million Euro	100	2010	London U. K.	- Research and investment related to energy supply businesses	
	Osaka Gas Energy Oceania Pty Ltd.	40 Million Australia D	100	2009	Brisbane Australia	- Research and investment related to energy supply businesses	
	Osaka Gas Liquefaction USA Corporation	1 US D	100	2014	Houston U. S. A.	- Investment related to natural gas liquefaction projects	
	Osaka Gas Trading & Export LLC	-	-	2014	Houston U. S. A.	- Natural gas procurement and export of LNG	
	Gas manufacturing / power generation	Gas and Power Co., Ltd.	1,368 Million Yen	100	2000	Osaka Japan	- Electricity supply business
Nakayama Joint Power Generation Co., Ltd.		300 Million Yen	95	2003	Osaka Japan	- Electricity supply business	
Nakayama Nagoya Joint Power Generation Co., Ltd.		450 Million Yen	95	2003	Osaka Japan	- Electricity supply business	
Hirogawa Myojinyama Wind Farm Co., Ltd.		490 Million Yen	100	2005	Wakayama Japan	- Electricity supply business	
Hayama Wind Power Station Co., Ltd.		490 Million Yen	100	2010	Kochi Japan	- Electricity supply business	
Yura Wind Development Co., Ltd.		231 Million Yen	100	2011	Wakayama Japan	- Electricity supply business	
Hizen Wind Power Generation Co., Ltd.		100 Million Yen	100	2012	Saga Japan	- Electricity supply business	
Hirao Wind Development Co., Ltd.		231 Million Yen	99.8	2012	Yamaguchi Japan	- Electricity supply business	
Inami Wind Power Generation Co., Ltd.		495 Million Yen	95	2015	Wakayama Japan	- Electricity supply business	
Shiribetsu Wind Power Generation Co., Ltd.		1 Million Yen	95	2018	Osaka Japan	- Electricity supply business	
Senboku Natural Gas Power Generation Co., Ltd.		2,000 Million Yen	90	2008	Osaka Japan	- Electricity supply business	
Himeji Natural Gas Power Generation Co., Ltd.		800 Million Yen	66.7	2016	Osaka Japan	- Examination and preparation for power generation business	
Osaka Gas Liquid Co., Ltd.		1,110 Million Yen	100	1947	Osaka Japan	- Sale of liquefied nitrogen, liquefied oxygen, liquefied argon; production and sale of liquefied carbonic acid and dry ice - Commissioned business of low-temperature grinding	
Cold Air Products Co., Ltd.		480 Million Yen	55	975	Osaka Japan	- Production and sale of liquefied nitrogen, liquefied oxygen and liquefied argon	
Cryo Air Co., Ltd.		480 Million Yen	55	1991	Osaka Japan	- Production and sale of liquefied nitrogen, liquefied oxygen and liquefied argon	
Kinki Carbonic Co., Ltd.		50 Million Yen	51	1979	Osaka Japan	- Production and sale of liquefied carbonic acid and dry ice	
Gasnet Co., Ltd.		46 Million Yen	55	1989	Osaka Japan	- Sale of high-pressure gases including oxygen and nitrogen - Installation, sale and maintenance of high-pressure gas facilities and equipments	
Osaka Gas Engineering Co., Ltd.		100 Million Yen	100	1978	Osaka Japan	- Designing, installation, sale of plant facilities including gas manufacturing/distribution facilities	
Pipeline/Residential energy business		Kinpai Co., Ltd.	300 Million Yen	100	1945	Osaka Japan	- Installation of gas pipes - Sale of gas equipments, residential facilities
		Osaka Gas Renotech Co., Ltd.	50 Million Yen	100	1991	Osaka Japan	- Plumbing business
	Living Maintenance Service Hokuto Co., Ltd.	50 Million Yen	100	1991	Osaka Japan	- Installation of gas pipes - Maintenance of gas equipments and residential facilities	
	Living Maintenance Service Osaka Co., Ltd.	10 Million Yen	100	1994	Osaka Japan	- Installation of gas pipes - Maintenance of gas equipments and residential facilities	
	Osaka Gas Cooking School Co., Ltd.	90 Million Yen	100	1989	Osaka Japan	- Commissioned operation of cooking classes	
	Create Kansai Co., Ltd.	30 Million Yen	80	1996	Osaka Japan	- Publishing of a restaurant information magazine "Amakara Techo"	
	Osaka Gas Customer Relations Co., Ltd.	50 Million Yen	100	2004	Osaka Japan	- Investigation of safety of gas facilities - Reading gas meters - Collecting gas fees	
	Aqua Brain Co., Ltd.	20 Million Yen	51	2005	Osaka Japan	- Reading water meters	
	Kansai Business Information Inc.	100 Million Yen	100	1985	Osaka Japan	- Call center business, human resources business - Reserches, consulting - IT media services - Architectural designing, space planning	
	Osaka Gas Housing & Equipment Co., Ltd.	450 Million Yen	100	1978	Osaka Japan	- Sale of residential facilities - sale of houses, renovation business	
	Osaka Gas Security Service Co., Ltd.	100 Million Yen	100	1981	Osaka Japan	- Commissioned business related to security and disaster prevention - Sale of residential security systems - Condominum management	
	Osaka Gas Finance Co., Ltd.	600 Million Yen	100	1999	Osaka Japan	- Leasing, credit financing business - Life insurance, damage insurance business - Billing services	
	West Japan House Evaluation Center Co., Ltd.	300 Million Yen	25.10	2000	Osaka Japan	- Housing performance valuation - Assessment, examination, review of buildings	
	Nissho Petroleum Gas Corporation	100 Million Yen	52.5	2017	Tokyo Japan	- Sale of energies including LPG, gas equipment and oil	

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Enearc Co., Ltd.	1,040.5 Million Yen	50	2017	Tokyo	Japan	- Sale of energies including LPG, gas equipment and oil
Enearc Kanto Co., Ltd.	100 Million Yen	100	2018	Tokyo	Japan	- Sale of energies including LPG, gas equipment and oil
Enearc Chubu Co., Ltd.	100 Million Yen	100	2018	Aichi	Japan	- Sale of energies including LPG, gas equipment and oil
Enearc Kansai Co., Ltd.	100 Million Yen	100	2018	Osaka	Japan	- Sale of energies including LPG, gas equipment and oil
CD Energy Direct Co., Ltd.	1,750 Million Yen	50	2018	Tokyo	Japan	- Energy distribution
OGCTS Co., Ltd.	1,150 Million Yen	100	2001	Osaka	Japan	- Sale, engineering, installation and consultation related to utility facilities - Energy supply business - Energy service business, ESCO business - Heat supply business
Ashiyahama Energy Service Co., Ltd.	50 Million Yen	60	1977	Hyogo	Japan	- Heat supply business at the Ashiyahama Seaside Town
Rokko Island Energy Service Co., Ltd.	30 Million Yen	60	1987	Osaka	Japan	- Heat supply business at the Rokko Island
Osaka Rinkai Energy Service Corp.	100 Million Yen	49.5	1998	Osaka	Japan	- Heat supply businesses in Osaka and Hyogo Prefecture
Enetec Kyoto Co., Ltd.	30 Million Yen	100	1989	Kyoto	Japan	- Designing, installation, sale and maintenance of air conditioning equipments and building facilities
Enetec Osaka Co., Ltd.	20 Million Yen	100	1991	Osaka	Japan	- Designing, installation, sale and maintenance of air conditioning equipments and building facilities
Osaka School Amenity Service Co., Ltd.	250 Million Yen	50	2003	Osaka	Japan	- Installation, sale and maintenance of air conditioning equipments
Nabari Kintetsu Gas Co., Ltd.	100 Million Yen	85	2001	Mie	Japan	- Production, supply and sale of gases
Sobani Co., Ltd.	10 Million Yen	50	2011	Mie	Japan	- Emergency notification systems for elderly persons - Advice for health care - Delivery of residential electric/gas equipments - House renovation
Toyooka Energy Co., Ltd.	100 Million Yen	100	2004	Hyogo	Japan	- Production, supply and sale of gases
Shingu Gas Ltd.	135 Million Yen	80.95	2007	Wakayama	Japan	- Production, supply and sale of gases
Energy Bank Japan Co., Ltd.	20 Million Yen	100	2010	Osaka	Japan	- Penetration of new energy facilities - Planning, development, consulting related to energy-saving business models
OSAKA GAS SINGAPORE PTE. LTD.	62.3 Million Singapore D	100	2013	Singapore	Singapore	- Research, development and investment related to energy supply businesses and energy service businesses
OSAKA GAS (Thailand) CO.,LTD.	10 Million THB	49	2013	Bangkok	Thailand	- Fuel switching energy service and energy-related businesses for industrial customers
OGP Energy Solutions Co., Ltd.	100 Million THB	60	2015	Bangkok	Thailand	- Energy service businesses
KRI Inc.	300 Million Yen	100	1987	Kyoto	Japan	- Contracted research and consulting related to advanced technologies - Analysis and testing evaluation service
OG-Kanden Joint Planning Company	10 Million Yen	50	2002	Osaka	Japan	- Contracted research
OG Capital Co., Ltd.	430 Million Yen	100	2011	Osaka	Japan	- Real estate leasing and management
OG Sports Co., Ltd.	100 Million Yen	100	1981	Osaka	Japan	- Management of sports facilities
Sakai Wellness Co., Ltd.	50 Million Yen	75	2003	Osaka	Japan	- Management of a fitness facility commissioned by Sakai City
Osaka Gas Autoservice Co., Ltd.	100 Million Yen	100	1984	Osaka	Japan	- Car leasing, maintenance, education for safe drive
Osaka Gas Business Create Co., Ltd.	100 Million Yen	100	1977	Osaka	Japan	- Outsourcing business - Management of parking lot - IT business - Operation of events/facilities
Active Life Inc.	100 Million Yen	100	1988	Osaka	Japan	- Management/commissioned management of private nursing homes - Homecare service business
Osaka Gas Urban Development Co., Ltd.	1,570 Million Yen	100	1965	Osaka	Japan	- Development, leasing, management and sale of real estate
Osaka Gas Facilities Corp.	100 Million Yen	94	1989	Osaka	Japan	- Operation, management and maintenance of buildings and facilities - Designing renovation and energy-saving systems
Kyoto Research Park Co., Ltd.	100 Million Yen	100	1999	Kyoto	Japan	- Operation and management of the Kyoto Research Park
OGIS-RI Co., Ltd.	440 Million Yen	100	1983	Osaka	Japan	- Software development - Information processing service - Behavior observation
OGIS International, Inc.	100 Thousand D	100	2000	California	U. S. A.	- Research on IT technology development in the U. S. A.
Sakura Information Systems Co., Ltd.	600 Million Yen	51	2008	Tokyo	Japan	- Software development - Information processing service
SIS Techno-Service Co., Ltd.	10 Million Yen	100	2008	Tokyo	Japan	- Information processing service
JOE Corp.	100 Million Yen	100	2011	Tokyo	Japan	- Contracted business related to payroll calculation
SAKURA SYSTEM SERVICE PTE LTD	1 Million Singapore D	100	2008	Singapore	Singapore	- Software development
Ube Information Systems Inc.	100 Million Yen	51	2001	Yamauchi	Japan	- Software development
System Answer Inc.	30 Million Yen	92	2001	Osaka	Japan	- Software development
Agnie Consulting Corporation	45 Million Yen	100.0	2017	Tokyo	Japan	- Software development
Osaka Gas Chemicals Co., Ltd.	14,231 Million Yen	100	1949	Osaka	Japan	- Production and sale of fine materials and products
Minabe Chamecal Industries Ltd.	300 Million Yen	100	2005	Wakayama	Japan	- Production and sale of activated coal
Davao Central Chemical Corporation	29 Million pesos	80	2005	Davao	Philippines	- Production and sale of activated coal
Osaka Gas Chemicals (Shanghai) Co., Ltd.	8 Million Yuans	100	2012	Shanghai	China	- Import/export and sale of carbon materials, organic materials
Jacobi Carbons AB	549.5 Thousand SEK	100	2014	Kalmar	Sweden	- Production and sale of activated coal
Mizusawa Industrial Chemicals, Ltd.	1,519 Million Yen	100	2015	Tokyo	Japan	- Absorption materials, resin additives
Adall Co., Ltd.	480 Million Yen	50	1988	Kyoto	Japan	- Production and sale of activated carbon fiber
JO Carbon Co., Ltd.	480 Million Yen	50	2010	Okayama	Japan	- Production and sale of isotropic carbon fiber materials
Full Fine Co., Ltd.	480 Million Yen	50	2001	Okayama	Japan	- Production and sale of fine materials