

Osaka Gas

The Osaka Gas Group is committed to a federal management approach. Under this system, each group business is basically expected to operate independently and self-sufficiently. This federal system was initially based on a structure of nine core companies (the G9 structure). Following the acquisition of a shareholding in the Nissho Iwai Petroleum Gas Group in October 2000, the Group shifted to a federal management system based on the G10 structure. The goal now is to achieve further growth in the overall performance of the Group under this new structure.

At the end of fiscal year 2001, there were 119 companies in the Osaka Gas Group, of which 35 are included in the consolidated accounts. The number of consolidated companies will increase to 42 in the fiscal year 2002.

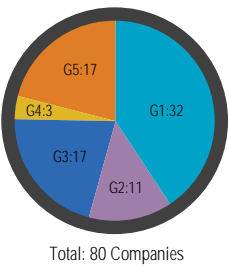
Energy Businesses

- G1: Osaka Gas**
Procurement of gas resources, production, supply and sales of natural gas, pipe installation, and gas appliances sales
- G2: Liquid Gas Group**
Supply and sales of fuel gas, production and sales of industrial gases
- G3: Nissho Iwai Petroleum Gas Group**
Wholesaling and retailing of LPG
- G4: Gas and Power Investment Group**
Domestic and overseas energy-related activities, including IPP and ESCO operation, electricity retailing and heat supply
- G5: Harman Group**
Production and sales of gas appliances and related equipment

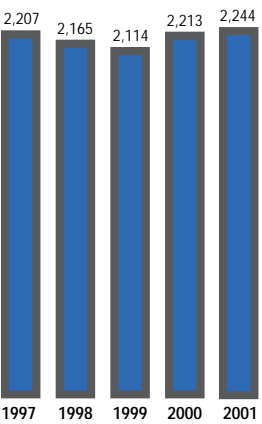
Non-Energy Businesses

- G6: Urbanex Group**
Real estate development, management and leasing
- G7: Kinrei Group**
Production and sales of frozen foods, restaurant chain operation
- G8: OGIS Research Institute Group**
Information processing services, sales of computer equipment and software
- G9: Osaka Gas Chemicals Group**
Sales of coke and chemicals, production and sales of carbon fiber and related products
- G10: OG Capital Group**
Engineering, contract research, sales of home equipment, security services, sports businesses, operation of home-improvement stores, information services, etc.

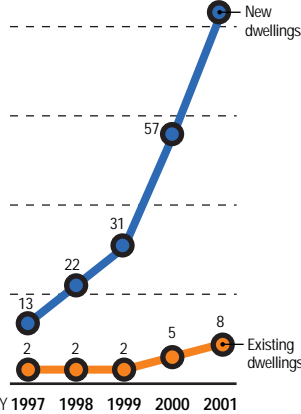
Number of Companies
in Energy Business
(As of March 31, 2001)



Residential Gas Sales by Volume
(Million of m³)



Sales of Gas Floor Heaters
(Thousands of units)



Residential gas floor heater provides great comfort.

Energy Business

The Energy Business sector of the Osaka Gas Group consists of Osaka Gas, the gas distribution company and its affiliates in the Gas Business Group, the Liquid Gas Group, the Nissho Iwai Petroleum Gas Group, the Gas and Power Investment Group, and the Harman Group. The Gas Business Group is made up of companies that are closely involved in the gas business. The Liquid Gas Group manufactures and sells industrial and fuel gases. The Nissho Iwai Petroleum Gas Group became part of the Osaka Gas Group in September 2000. The Gas and Power Investment Group will develop a wide-ranging involvement in areas that include the electric power business and overseas business activities. The Harman Group manufactures and sells gas appliances and equipment.

■ G1: The Gas Business Group Overview of Gas-Related Activities

Gas sales in fiscal year 2001 amounted to 7,407 million m³, an increase of 3.5% over the previous year's result. This growth reflects sustained efforts to develop demand. The number of customers increased by 96 thousand or 1.5%, to 6,401 thousand.

Residential Gas Sales

The number of residential customers increased by 91 thousand, or 1.5%, to 6,092 thousand. Sales increased by 1.4% to 2,244 million m³, thanks to the growth of the customer base and marketing efforts.

Diversified Proposals for Gas Utilization

The Osaka Gas Group is actively involved in the development and marketing of safe, convenient gas appliances and systems to promote the use of natural gas as a clean, efficient household energy resource. In addition to traditional items, such as cooking equipment and water heaters, there has been a rapid increase in recent years in the use of central heating equipment, such as hot water floor heating and bathroom heater-driers.

The Osaka Gas Group is also working to boost summer gas demand by promoting the use of home-use gas air conditioners. The product range includes the Eco-Life Multi air conditioner, which uses a totally CFC-free absorption cycle system, and the Housing Multi, which is a gas heat pump system. Customers who use these products enjoy reduced running costs under a special rate introduced by Osaka Gas. Gas is supplied under special contracts for customers with home floor heating and home air conditioning systems.

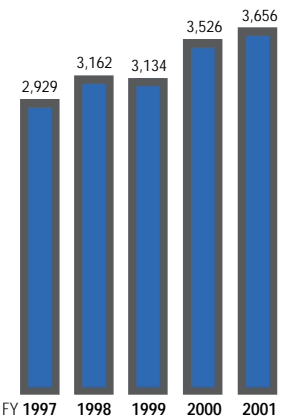
Residential Gas Sales

Fiscal Year	1997	1998	1999	2000	2001
Gas sales (millions of m³)	2,207	2,165	2,114	2,213	2,244
Number of customers (1,000s)	5,622	5,786	5,909	6,001	6,092
Average monthly consumption (m³/month)	36.2	34.8	33.4	34.5	34.5
Average annual temperature in Osaka (°C)	16.5	17.0	17.7	17.1	17.3

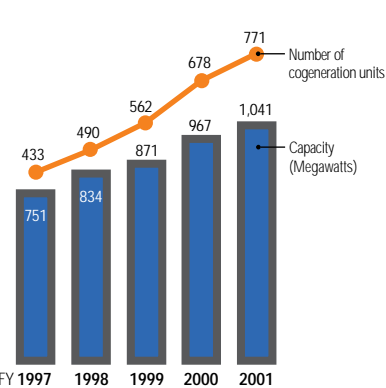


Customer Centers respond quickly to diverse customer needs and requests

Industrial Gas Sales by Volume
(Millions of m³)



Cogeneration Capacity



Improving Customer Services

Each year Osaka Gas receives 2.2 million telephone inquiries from customers. Previously these calls were handled at six separate centers, but in fiscal 2001 services were centralized at two regional Customer Centers located in Osaka and Kyoto. The Centers feature call reception systems based on the latest technology, and they are staffed by employees with expert knowledge covering all aspects of operations. These systems are designed to facilitate a prompt and satisfactory response to customer requests. In addition, customer comments and requests gathered at the two Customer Centers are used to improve products and services for higher customer satisfaction.

Industrial Gas Sales

Natural gas has become an important energy resource in a variety of industries, including metals, chemicals, machinery, foodstuffs and textiles. It is cleaner than other forms of energy and has many other advantages, including reduced energy consumption and space requirements, and ease of control. In addition, Osaka Gas uses its technical expertise to develop detailed proposals in response to customer requirements. Demand for natural gas is expanding rapidly.

In addition to the demand for thermal energy for industrial furnaces and boilers, there has also been a sustained increase in the use of cogeneration systems, which produce both heat and electric power. These systems allow major energy savings in factories. Their growing popularity reflects the priority that society places on energy conservation.

Sales of natural gas for industries increased by 3.7% to 3,656 million m³. This growth reflects the development of new demand, especially among users of cogeneration systems. It also results from the creation of new markets and applications, such as cooling systems for production processes, and industrial waste disposal systems. Sales were helped by steady trends in the business operations of existing customers.

Industrial Gas Sales

Fiscal Year	1997	1998	1999	2000	2001
Gas sales (millions of m³)	2,929	3,162	3,134	3,526	3,656
Number of customers (1,000s)	21	21	21	21	21
Average monthly consumption (m³/month)	14,624	15,811	15,834	18,268	19,106

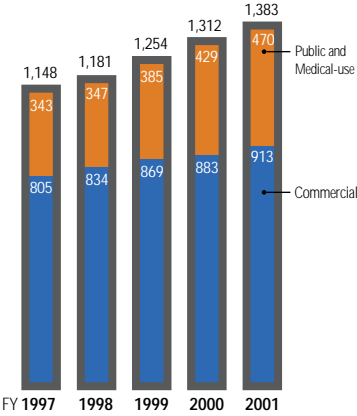
Sales of Gas to the Commercial, Public and Medical Sectors

Gas sales to the commercial, government and medical sectors are driven primarily by gas air-conditioning systems and cogeneration systems. Gas absorption air conditioning has become the dominant technology for major buildings. Gas heat pump systems are becoming increasingly popular in small and medium-sized buildings because of their convenience and suitability for stand-alone installations. Changes to Japanese law in fiscal 2001 resulted in the establishment of numerous new large retail outlets. This was reflected in increased sales of gas heat pump systems, which are ideal for this type of demand.

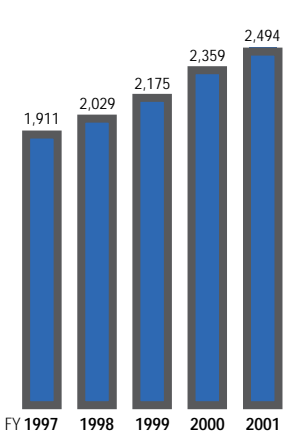


A water-treatment plant using waste heat from cogeneration systems.

Commercial and Other Gas Sales by Volume
(Millions of m³)



Total Air-Conditioning Capacity
(Megawatts)



Cogeneration systems are used by customers with business operations ranging in size from large commercial facilities to small retail outlets. The e-Combi, a compact 9.8kW cogeneration system for smaller and medium-sized office buildings and shops, has been very popular since its launch in fiscal year 1999. To date it has been installed by 175 customers.

Osaka Gas is also involved in urban environmental projects. Its Super Waste-to-Energy Generator is a highly efficient power generation system, which makes an important contribution to energy conservation by using waste heat from garbage incinerators in waste disposal plants. In fiscal year 2001 the first cogeneration system designed to use its waste heat for water purification processes was commissioned at a major water treatment plant. Sales of commercial gas in fiscal year 2000 amounted to 913 million m³, an increase of 3.4% compared with the previous year's result. The increase reflects strong demand for air conditioning due to relatively high summer temperatures. Another factor was the acquisition of new demand, especially in relation to cogeneration systems and heat pumps. Sales to the government sector and the medical sector showed a yearly increase of 9.8% to 470 million m³, thanks in part to the start-up of the aforementioned water treatment plant.

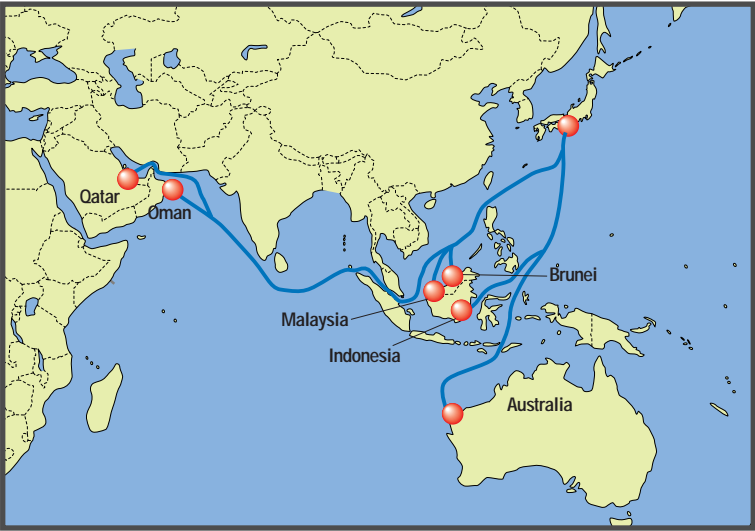
Sales of Gas for Commercial, Public and Medical Use

Fiscal Year	1997	1998	1999	2000	2001
Gas sales (millions of m³)	1,148	1,181	1,254	1,312	1,383
Number of customers (1,000s)	273	276	280	284	288
Average monthly consumption (m³/month)	410	419	444	463	488

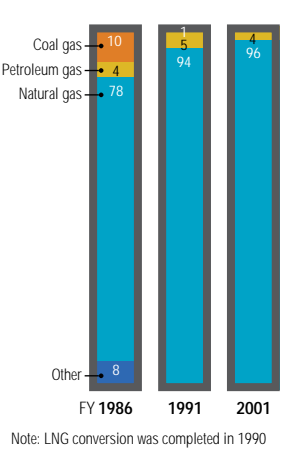
Reliable Access to Natural Gas

Natural gas reserves rival oil reserves in scale. Confirmed reserves amount to 149 trillion m³. Supplies are very reliable because of the wide distribution of production areas. Osaka Gas is working to secure stable access to natural gas by signing long-term contracts with producers. At the same time it is striv-

Import Routes



Share of Gas Feedstock (%)



Gas pipeline bridge across the Kizu River.

ing to reduce LNG transportation costs and diversify sources. It is also expanding into upstream areas, including the acquisition of concession rights.

In fiscal year 2001 Osaka Gas purchased 5.84 million tons of LNG. In addition to its traditional sources, which are Indonesia, Australia, Brunei, Malaysia and Qatar, it also began to import gas from Oman under its strategy of diversification of sources. To minimize costs and ensure reliable transportation, a group company, Osaka Gas International Transport Inc., maintains a fleet of three LNG carriers.

Ensuring Safety and Efficiency in Production and Supply Systems

Osaka Gas has systematically expanded its basic production and transportation infrastructure to keep pace with continuing growth in the demand for natural gas. The 180,000 KL No. 18 LNG Tank at the Senboku Terminal was completed in November 2000. A new 750mm high-pressure pipeline linking Senboku Terminal II with the Hokko Plant was finished in December 2000. The Wangan Line covers a distance of 22km. Cost reduction is an important priority for basic infrastructure construction projects. The No. 18 LNG Tank is a large-capacity facility built using new technology and construction methods. The Wangan Line is a large-diameter high-pressure pipeline. Construction costs were minimized through the use of high-speed automatic welding and a low-cost shield tunneling method.

The expansion of basic infrastructure continues. Current projects include the No. 8 LNG Tank at the Himeji Terminal and Keiji Line, both of which are scheduled for completion in 2003. The Keiji Line project will result in the construction of a 750mm pipeline covering the 39km between Kumiya in Kyoto and Kusatsu City in Shiga Prefecture. Cost reduction strategies will also be applied to these projects.

Maintaining and Improving Safety

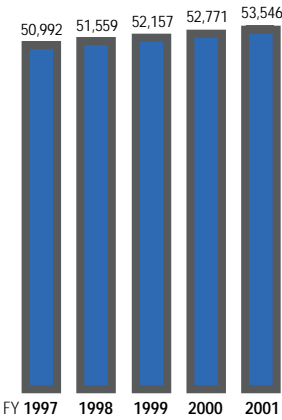
Safety is the greatest priority for the Osaka Gas Group and a prerequisite for the Group's survival. A variety of safety measures are implemented. For example, pipes and other supply facilities are regularly inspected for leaks, and older pipes are systematically upgraded to polyethylene pipes, which are better able to resist earthquakes.

Osaka Gas has implemented a variety of measures to guard against the effects of earthquakes. These include microprocessor-equipped meters, which automatically shut off the supply of gas if an



The Central Control Room monitors the safety of supply systems.

Total Pipeline Length
(Kilometers)



An air-separation plant of the Liquid Gas Group.



An LPG replenishing facility of the Nissho Iwai Petroleum Gas Group.

earthquake is detected, and the establishment of supply shut-off blocks. Much was learned from the experience of the Great Hanshin Earthquake of 1995. Osaka Gas doubled the number of shut-off blocks in its gas supply network and installed remote-controlled shut-off mechanisms for all middle-pressure A governors, at approximately 300 locations. Shut-off devices with seismic sensors were installed in the approximately 3,000 middle pressure B governors. This work was completed in fiscal year 2001.

The seismic sensors are especially important, since they will prevent secondary disasters by allowing the supply of gas to be shut off immediately if damage is anticipated due to a major earthquake. In the event that the central control room in the Company's headquarters is affected by a disaster, monitoring and control functions can be immediately switched to the newly completed back-up control center in Kyoto. Measures such as these are helping to toughen the gas supply network against earthquakes.

G1 Group Companies

There are 32 associated companies involved in both upstream and downstream activities that are closely related to the gas business of Osaka Gas. Some of these businesses complement various aspects of the gas business, while others are based on spin-off activities. In fiscal year 2001 the total sales of group companies in gas-related areas (excluding Osaka Gas) increased by 9.7% to ¥49,285 million.

The three consolidated subsidiaries in this category are Osaka Gas International Transport Inc., OG Road Co., Ltd. and Kinki Piping Co., Ltd. Osaka Gas International Transport owns LNG carriers. Its third vessel, the LNG *Jamal*, entered service in November 2000. OG Road helps to protect the global environment by manufacturing road materials using reprocessed excavated soil from pipeline construction works and other projects. Kinki Piping is the core of the contracting group that handles the installation house pipes and pipelines for Osaka Gas.

G2: Liquid Gas Group

The Liquid Gas Group consists of 11 companies, with Liquid Gas Co., Ltd. as its core. The main activities of the Group are the manufacture and sale of industrial gases and fuel gases. In fiscal year 2001, the Group recorded total sales of ¥21,115 million, an increase of 6.4% over the previous year. This is equivalent to 5.5% of the sales of all affiliated companies. The consolidated companies in fiscal year 2001 were Liquid Gas, Cold Air Products Co., Ltd., Cryo-Air Co., Ltd., Liquid Gas Kyoto Co., Ltd. and

Revenue of Core Companies in the Energy Business Field (¥millions)					
Fiscal Year	1997	1998	1999	2000	2001
Liquid Gas	10,052	10,243	9,584	9,720	10,184
Nissho-Iwai Petroleum Gas	47,939	45,011	39,383	41,112	37,485
Gas & Power Investment	—	—	—	—	530
Harman	41,216	37,461	35,712	34,163	34,412

Notes: • Nissho-Iwai Petroleum Gas has been included in the consolidated accounts since the second half of fiscal year 2001.
• Gas & Power Investment was established in fiscal year 2001.



The Torishima Energy Center will be completed in early 2002 and operated by Gas and Power Investments.



Gas turbine installed at the Torishima Energy Center.



Harman manufactures and sells a wide range of gas appliances, such as this built-in cooker.

Gasnet Co., Ltd.. The combined sales of these five companies amounted to ¥19,379 million. In fiscal year 2001 there was a steady growth in shipments of industrial gases to semiconductor manufacturers. The overall result was an improvement in both revenues and income before income taxes.

G3: Nissho Iwai Petroleum Gas Group

In September 2000, Osaka Gas acquired 70% of the shares of Nissho Iwai Petroleum Gas Corporation, an LPG wholesaler in the Nissho Iwai Group. This brought a 17-company group led by Nissho Iwai Petroleum Gas into the Osaka Gas Group. The activities of the Nissho Iwai Petroleum Gas Group range from the importation of LPG to wholesaling and retailing through a nationwide sales network. In fiscal 2001 the Group recorded the total sales of ¥64,698 million. A total of four companies, including Nissho Iwai Petroleum Gas and Nissho Propane Sekiyu are included in consolidation.

G4: Gas and Power Investment Group

The Gas and Power Investment Group consists of three companies, including the core company, Gas and Power Investment. Established in June 2000, Gas and Power Investment, is extensively involved in the energy business in Japan and overseas. It is currently building the Torishima Energy Center, the IPP generation facility, which will start to supply electricity to Kansai Electric Power in April 2002. G&M Energy Services has been providing electric power and heat processing services to commercial facilities in Ibaraki City, Osaka since January 2001. These group companies were established only recently and are still in the process of starting up full-scale business operations. For this reason, they are not subject to consolidation in fiscal year 2001. Gas and Power Investment and Gas and Power will be included in the consolidation for fiscal year 2002.

G5: Harman Group

The Harman Group consists of 17 companies, including Harman Co., Ltd. itself. The Group's principal activities are the production and sales of gas appliances and equipment. Group sales in fiscal year 2001 amounted to ¥49,337 million, which is equivalent to 12.8% of the sales of all associated companies. There are three consolidated companies: Harman Co., Ltd., Harman Engineering Co., Ltd. and Harman Seiki Co., Ltd.

Harman manufactures and sells a wide range of gas appliances, including water heaters, kitchen equipment and space heaters. A prolonged slump in consumer spending and fierce price competition has created a tough business environment. In January 2001 Harman decided to form a business partnership with another gas appliance manufacturer, Noritz. By the end of 2001 Harman aims to complete a restructuring plan that will split its group operations into three companies. One will be responsible for development and manufacturing, one for sales, and the third for administration. The business partnership with Noritz is expected to yield significant synergy benefits through the combination of Harman's expertise in the area of kitchen equipment, including built-in cookers, with Noritz's leadership in the area of water-heating equipment.

Non-Energy Business

This business group consists of the Urbanex Group of urban development businesses, the Kinrei Group of food and restaurant businesses, the OGIS Research Institute Group of information-related businesses, the Osaka Gas Chemicals Group of companies involved in the areas of coke, chemicals and materials. In addition to companies involved in these diverse areas of activity, the Non-Energy Business Group also includes the OG Capital Group, which acts as a financial company for the Osaka Gas Group and helps to incubate new businesses.

Over two decades have passed since Osaka Gas established a specialist organization, the New Business Development Office, to drive its business diversification. Today the Osaka Gas Group's non-energy business encompasses a wide range of industries and customers and various aspects of day-to-day life.

The Osaka Gas Group continues to foster new businesses and expand the scope of its activities. It is also working to improve efficiency, maximize earnings and enhance the overall corporate value of the Group through a strategy of selection and concentration.

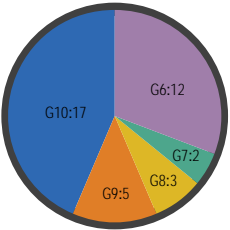
G6: Urbanex Group

The Urbanex Group consists of 12 companies, including its core company, Urbanex Co., Ltd. Its main activities are real estate development, management and leasing. Group sales in fiscal year 2001 amounted to ¥31,769 million, or 8.2% of total sales by associated companies. The Group includes three consolidated subsidiaries: Urbanex Co., Ltd., Kyoto Research Park and Serendi Co., Ltd.

The Urbanex Group plans and operates major commercial facilities and large-scale research and information complexes, including Kyoto Research Park. Other activities include the operation and management of condominiums, commercial buildings, office buildings and other types of real estate, the planning and operation of event spaces, and advertising.

Revenue of Core Companies in the Non-Energy Business Field (¥millions)					
Fiscal Year	1997	1998	1999	2000	2001
Urbanex	12,598	12,272	13,600	13,847	13,611
Kinrei	13,186	14,202	15,567	16,408	17,412
OGIS Research Institute	33,009	34,311	32,214	32,387	31,224
Osaka Gas Chemicals	15,208	14,196	12,490	12,647	14,286
OG Capital	—	—	—	95	3,894

Number of Companies in Non-Energy Business (As of March 31, 2001)



Total: 39 Companies



The Kyoto Research Park constantly improves its state-of-the-art R&D activities.



Kinrei's production line for frozen noodles.



A Japanese-style restaurant, "Kagono-ya," is operated by the Kinrei Group.



The Iwasaki Computer Center is the key facility of the OGIS Research Institute.

G7: Kinrei Group

The Kinrei Group consists of the core company, Kinrei Co., Ltd., together with OG Royal Co., Ltd. Group sales in fiscal year 2001 amounted to ¥34,447 million, or 8.9% of total sales of the affiliated companies. Kinrei and OG Royal are both covered by consolidation. In September 2000, Kinrei became the first Osaka Gas subsidiary whose stocks are listed on the stock exchange. The public float of Kinrei's shares symbolizes the evolution of group companies into self-reliant business entities.

This business group is involved in food-related activities. Kinrei uses refrigeration know-how derived from the cryogenic technology employed with LNG. It manufactures and sells a variety of frozen foods, including frozen noodles. It also operates Japanese restaurants, especially the "Kagono-ya" chain of Japanese restaurants.

OG Royal is developing the "Royal Host" family restaurant chain in the Kansai region. Sophisticated kitchen systems have enabled the restaurants to gain an excellent reputation for good food, and earnings are increasing steadily. As of March 2001, Kinrei Group companies were running a total of 120 restaurants, including 30 Kagono-ya outlets, 72 Royal Host, and other restaurant formats.

G8: OGIS Research Institute Group

The OGIS Research Institute Group consists of three companies, of which Osaka Gas Information System Research Institute Co., Ltd. is the core company. These companies are involved primarily in information-related activities. Group sales in fiscal year 2001 totaled ¥31,489 million, or 8.2% of total sales of associated companies. OGIS Research Institute is the only consolidated company in this business group. It originated as the Systems Development Department of Osaka Gas. Today it provides a wide spectrum of information-related services, including software development and sales, sales of systems equipment, and help-desk services to support customers' business activities.

In the area of object-oriented technology, which is essential to the efficient development of advanced systems, it is among the most advanced companies in Japan and is able to respond to a variety of customer requirements. The emergence of the advanced information society is reflected in a growing need for information technology. In fiscal year 2000, this business group and Mitsubishi Corp. jointly established EcubeNet.com to provide services relating to EC and EDI. The business group continues to build and enhance its next-generation information service capabilities. For example, at the end of fiscal year 2001 the business group became a shareholder in Ube Information Systems, which has advanced expertise in the field of computer-aided engineering.



Heat-resistant materials using carbon fibers manufactured by Osaka Gas Chemicals.



The communications magazine, "Pado," is published by L-Net.



"Pado Town Search" is an information site for cellular phone use.

G9: Osaka Gas Chemicals Group

The Osaka Gas Chemicals Group consists of five companies, including the core company, Osaka Gas Chemicals Co., Ltd. Group companies manufacture and sell carbon materials, coke, chemicals and other products. Group sales in fiscal year 2001 amounted to ¥17,407 million, or 4.5% of total sales of associated companies. Only Osaka Gas Chemicals is included in consolidation.

This business group uses the accumulated carbon technology of the Osaka Gas Group as the basis for its sales of essential industrial products, including coke and chemicals. It also manufactures and sells advanced carbon materials, such as carbon fiber, activated carbon fiber and spherical carbon materials. The Group's performance has shown steady growth, thanks to strong sales of meso-carbon microbeads (MCMB). Demand for this carbon material, which is used in lithium ion battery cells, has rocketed with the boom in mobile telephones and PCs.

G10: OG Capital Group

The OG Capital Group was established as holding company for a group of associated companies involved in activities relating to services, engineering, R&D, marketing, housing, services for the aged, and information. OG Capital helps to improve the efficiency of the Group's internal finances through its cash management system (CMS). It also acts as a business incubator for new companies in such fields as mobile telephony, Internet contents and home portals. The OG Capital Group consists of 17 companies, including the core company, OG Capital Co., Ltd. These companies are engaged in wide array of activities.

In fiscal year 2001 group sales amounted to ¥86,006 million, or 22.3% of total sales of associated companies. The 11 companies covered by consolidation in fiscal year 2001 included OG Capital Co., Ltd., Osaka Gas Engineering Co., Ltd., which provides engineering services, Osaka Gas Housing Equipment Co., Ltd., which provides services relating to housing equipment, the security company Osaka Gas Security Service Co., Ltd., OG Sports Co., Ltd., which operates sports facilities, and L-Net Co., Ltd., a publisher of community information magazines.

The OG Capital Group is working to strengthen the management resource allocation functions of its core company, to foster new businesses, and to expand the Group's areas of involvement. It is also striving to improve efficiency and enhance its earning power through a strategy of selection and concentration.

Company	Capital (Millions of Yen)	Revenues (Millions of Yen)	Operating income (Millions of Yen)	Business Lines	Osaka Gas' Ownership	Financial Segment
G1: GAS BUSINESS GROUP						
Osaka Gas International Transport Inc.	3,190	2,042	586	Leasing of LNG tankers	100.0	Other Business
OG Road Co., Ltd.	50	1,403	43	Manufacture and sale of road materials	100.0 (100.0)	Other Business
Kinki Piping Co., Ltd.	112	16,977	130	Installation of gas pipes, civil engineering and road pavement work	100.0 (100.0)	Pipeline Installation
Enetech Kyoto Co., Ltd	30	4,408	138	Design, installation and sales of systems and facilities, including air conditioning, water supply and drainage and hot water	100.0 (100.0)	Other Business
Enetech Minami-Osaka Co., Ltd.	20	2,099	85	Design, installation and sales of systems and facilities, including air conditioning, water supply and drainage and hot water	100.0 (100.0)	Other Business
G2: LIQUID GAS GROUP						
Liquid Gas Co., Ltd.	1,030	10,184	699	Sales of LNG, LPG, liquified oxygen, nitrogen and argon	100.0	Other Business
Liquid Gas Kyoto Co., Ltd	40	1,842	54	Sales of LPG, equipment, kerosene and charcoal, and installation of pipes	100.0 (100.0)	Other Business
Cold Air Products Co., Ltd.	480	2,032	221	Production and sales of liquid nitrogen, oxygen and argon	55.0 (55.0)	Other Business
CRYO-AIR Co., Ltd.	480	2,949	260	Production and sales of liquid nitrogen, oxygen and argon	55.0 (55.0)	Other Business
Gasnet Co., Ltd.	46	2,372	98	Production and sales of high-pressure gases (oxygen, nitrogen, etc.) and sales of high-pressure gas equipment and facilities, etc.	55.0 (55.0)	Other Business
G3: NISSHO Iwai PETROLEUM GAS GROUP						
Nissho Iwai Petroleum Gas Co., Ltd.	1,726	37,485	223	Importation and sales of LPG	70.0	Other Business
Nissho Propane Sekiyu Co., Ltd.	60	14,137	116	Sales of LPG, gas equipment and oil	100.0 (100.0)	Other Business
Nissho Iwai Gas Co., Ltd.	80	3,718	-130	Sales of LPG, gas equipment and oil	100.0 (100.0)	Other Business
Nissho Iwai Gas Energy Co., Ltd.	170	2,993	96	Sales of LPG, gas equipment and oil	100.0 (100.0)	Other Business
G5: HARMAN GROUP						
Harman Co., Ltd.	1,483	34,412	276	Production and sales of gas appliances and equipment	100.0 (34.7)	Gas Appliance
Harman Engineering Co., Ltd.	50	743	-41	Exterior wall cleaning, pipe refurbishment, maintenance and management of air conditioning and water supply/drainage systems for district heating systems	100.0 (100.0)	Other Business
Harman Seiki Co., Ltd.	50	1,084	-15	Production of dies, assembly and processing of small-lot products, preparation of prototypes	100.0 (100.0)	Other Business
G6: URBANEX GROUP						
Urbanex Co., Ltd.	983	13,611	2,622	Real estate development, business support services	100.0 (3.4)	Rental Real Estate
Kyoto Research Park Co., Ltd.	100	4,755	278	Research park operation, industry-academia exchange projects, real estate management, operation and leasing	100.0 (100.0)	Rental Real Estate
Serendi Co., Ltd.	100	8,591	232	Restaurant operation, office and travel services	100.0 (100.0)	Other Business
G7: KINREI GROUP						
Kinrei Co., Ltd.	966	17,412	1,513	Manufacture and sales of frozen foodstuffs, restaurant operation	74.6 (30.2)	Foods and Restaurant
OG Royal Co., Ltd.	100	17,036	494	Restaurant operation	50.0 (50.0)	Foods and Restaurant
G8: OGIS GROUP						
Osaka Gas Information System Research Institute Co., Ltd.	400	31,224	2,116	Information processing, sales of computer hardware and software, computer software development	100.0	Other Business
G9: OSAKA GAS CHEMICALS GROUP						
Osaka Gas Chemicals Co., Ltd.	480	14,286	290	Sales of coke, coal tar, crude benzene, petroleum and chemical products	100.0 (5.3)	Other Business
G10: OG CAPITAL GROUP						
OG Capital Co., Ltd.	3,000	3,894	1,457	Management of OG Capital Group companies (Holding company)	100.0	Rental Real Estate
Osaka Gas Engineering Co., Ltd.	100	17,546	174	Planning, design, consultation and technical consultation on industrial equipment and facilities	100.0 (100.0)	Other Business
Kansai Research Institute, Inc.	300	4,461	267	Research and development of leading-edge technologies consulting and exchange of information on technical research and development	100.0 (100.0)	Other Business
Osaka Gas Housing Equipment Co., Ltd.	450	10,224	147	Sales of kitchen units, kitchen utensils and other equipment for the home	100.0 (100.0)	Other Business
Kiccory Co., Ltd.	300	11,406	58	Sales of DIY materials	100.0 (100.0)	Other Business
Osaka Gas Security Service Co., Ltd.	100	8,555	262	Security services, sales of home security services	100.0 (100.0)	Other Business
OG Sports Co., Ltd.	100	5,641	461	Management of sports facilities, sales of sporting goods	100.0 (100.0)	Other Business
OG Auto Service Co., Ltd.	100	3,360	195	Leasing of vehicles, maintenance of vehicles	100.0 (100.0)	Other Business
OGIC Co., Ltd.	600	8,193	204	Leasing of gas appliances, office machinery and other equipment	100.0 (100.0)	Other Business
L-Net Co., Ltd.	40	3,299	73	Research on gas and gas appliances, publication of community papers	100.0 (100.0)	Other Business
Active Life Inc.	900	2,034	-29	Retirement housing and health care	76.7 (76.7)	Other Business

G4: Gas and Power Investment Group has no consolidated companies in Fiscal 2001.