

Energy Value Chain of the Osaka Gas Group

The Osaka Gas Group is involved in the full range of processes from extracting and transporting natural gas to producing, supplying, and selling city gas. We are now exploring ways to strengthen the natural gas value chain. We aim to accomplish that by actively expanding new business domains both in Japan and internationally that utilize the expertise that we have gained through our operations to date.

← Business Domains of Certain City Gas Suppliers, including the Osaka Gas Group →



Natural Gas Extraction and Liquefaction

Natural gas is a raw material used in the production of city gas. After extraction overseas, natural gas is cooled and liquefied, and then imported into Japan as LNG. Currently, the Group has concluded long-term purchase agreements with natural gas suppliers in eight countries worldwide and is working to ensure stable LNG procurement.



LNG Transportation

We are proactively moving forward with the operation of our own LNG carriers to enable a more flexible response to changes in demand and other external factors, and to curtail transportation costs.

Strengthening and Expanding the International Energy Business



Extracting and Liquefying Natural Gas Ourselves

Gorgon LNG Project and Other Projects

We are participating in several upstream business projects. By expanding our business fields, we are able to procure more cost-competitive LNG.

Freeport LNG Project

We liquefy and export natural gas procured in the USA. As well as using it in our own gas and electric power businesses, we aim to sell it to energy providers both in Japan and abroad.



Using Our Own Group Carriers

Our Fleet of Eight Ships

By chartering out Group-managed vessels to third parties, we can increase the rate of operation of our LNG carriers and further contribute to profits.



Participation in the Power Generation Business

Participation in Thermal Power Business in the USA

We have decided to newly invest in two projects, the Shore Power Plant and Fairview Power Plant, both fired by natural gas, and have entered into investment contracts.

Developing the Energy Services Business

Business Development in Southeast Asia and Italy

We are developing natural gas supply and sales as well as energy service businesses in the Southeast Asian countries of Thailand and Singapore, and also Italy.



Power Generation



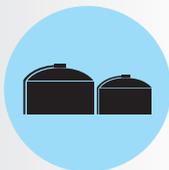
We own many types of power sources, from the Senboku Natural Gas Power Plant and other natural gas-fired thermal plants and cogeneration to renewable energy sources including solar and wind power systems.



Sales and Services

We sell electricity to customers ranging from factories and office buildings that require high-voltage networks to small shops that only require low-voltage electricity. We provide an array of services and solutions to help our customers save energy and costs.

Business Domains of Conventional Gas Suppliers



City Gas Production

Imported LNG is stored in tanks and subjected to an evaporation process using the heat from seawater. Gas is then produced by adjusting the amount of heat. We gas at two LNG terminals—in Senboku and Himeji—aiming to ensure the stable supply of city gas.



Gas Supply

Focusing mainly on the Kyoto, Osaka, and Kobe areas, we are developing a gas pipeline network that covers the Kansai urban region, ensuring the stable delivery of gas to customers through this network. At the same time, the Group actively promotes disaster countermeasures, particularly against earthquakes and tsunamis.



Sales and Services

From household demand for hot water and heating, to the industrial and commercial HVAC and combustion system markets, we propose optimal solutions that meet diverse customer needs through combining maintenance with a range of other services.

Strengthening and Expanding the Domestic Energy Business



Expanding into the Electric Power Business

Securing a Competitive Source of Electric Power

The Senboku Natural Gas Power Plant has secured a high level of competitiveness through the cost sharing of production equipment.



Energy Supply Across a Broad Area

LNG Sales to Energy Providers

We sell LNG procured from overseas to other domestic energy providers through the use of LNG carriers and tanker trucks.



Strengthening Ties with Customers

Providing Sumikata Services (Home Services)

We offer a variety of home services, including gas appliance repairs, plumbing and air conditioner repairs, and other services useful to our customers, such as disaster-proofing and crime prevention services, as well as renovation work.