

Domestic Energy Business

What We Aim to Be in FY2031.3 and Summary of Current Situation

We are striving to develop our business as an energy marketer in a new era by strengthening each of the three areas in the Domestic Energy Business; namely, gas manufacturing and sales, gas distribution, and electric power generation and sales.

In addition to ensuring that customers in the Kansai area use city gas in a stable, safe, and secure manner, we are proceeding with comprehensive provision of energy and services by expanding the electric power and LPG businesses and enhancing life support services and one-stop services as a utility agent. Furthermore, we will expand the know-how and services developed in the Kansai area to a wide area through alliances.

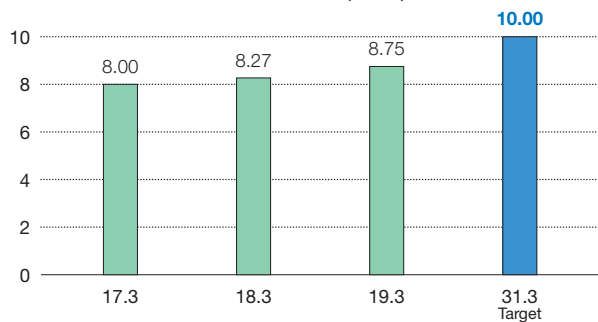
With these activities going beyond customer expectations, business boundaries, and corporate boundaries, we aim to reach more than 10 million customer accounts by FY2031.3.

FY2019.3 Results

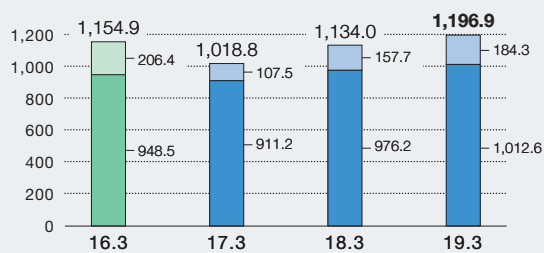
Net Sales ¥ **1,196.9** billion Segment Profit* ¥ **44.5** billion

* Operating profit (loss) + Share of profit (loss) of entities accounted for using equity method

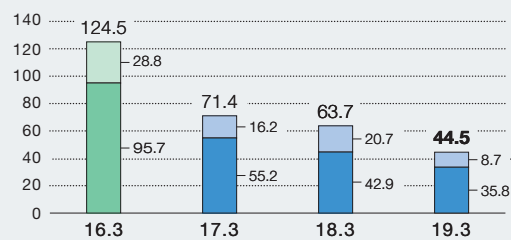
Number of Customer Accounts (million)



Net Sales* (billion yen)



Segment Profit* (billion yen)



■ Gas ■ LPG, Electricity and Other Energy ■ Domestic Energy/Gas ■ Domestic Energy/Electricity

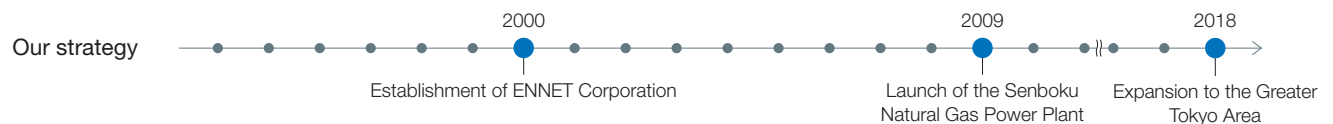
* Since 1Q of FY19.3, Osaka Gas Engineering Co., Ltd. changed its segment from "Life & Business Solutions" to "Domestic Energy/Gas." FY18.3 results are calculated based on the contents after the change.

■ Historical Development of Retail Gas and Electricity Deregulation

Retail gas deregulation began in 1995, and retail electricity deregulation in 2000 in stages. In 2000, we established an affiliate, ENNET Corporation, and launched retail electricity sales

in 2001. After full deregulation of retail electricity, we have sought to generate electricity demand and expand customers, and have also actively broadened power sources.

Development of deregulation	1995	1999	2000	2004	2005	2007	2016	2017
Scope of retail electricity deregulation (contract demand)	—	—	Over 2,000kW	Over 500kW	Over 50kW	—	Full deregulation	—
Main targets	—	—	Special high-voltage customers (large-scale factories, department stores, office buildings)	High-voltage customers (small and medium-sized buildings, small and medium-scale factories)		Low-voltage customers (residential, stores)		
Scope of retail gas deregulation (annual gas consumption)	Over 2 million m ³	Over 1 million m ³	—	Over 500,000 m ³	—	Over 100,000 m ³		Full deregulation
Main targets	Large factories, large hospitals	Large commercial facilities, large hotels	—	Medium factories, medium hotels	—	Factories, medium hospitals, commercial facilities, hotels		Residential, stores



* Source: Agency for Natural Resources and Energy, Ministry of Economy, Trade and Industry, "History of Deregulation of Electricity Retail" The Japan Gas Association, "Regarding Background of Full Deregulation of Gas Retail"

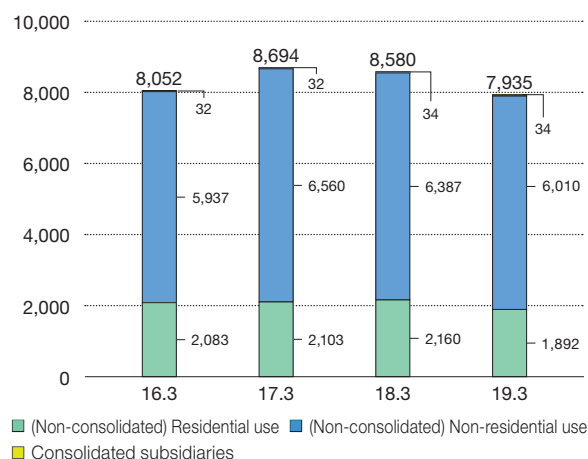
■ Daigas Group's Strategy

For residential use, we are implementing initiatives to provide more added value to customers, such as expanding electricity rate options, the Sumikata Service, and IoT service options, and launching gas equipment compatible with the IoT. For commercial and industrial use, we are making efforts to provide solutions for customer issues and enable optimized and efficient energy usage by launching new services using ICT / IoT and broadening the provision of engineering services, such as the development of technologies and products required by customers, into a wider area. In terms of measures for Wide Area Businesses and power source development, in cooperation with various business operators, we are actively expanding energy and services in a wider area including the Greater Tokyo area, and developing competitive power sources (including renewable energy power sources). As a result of these

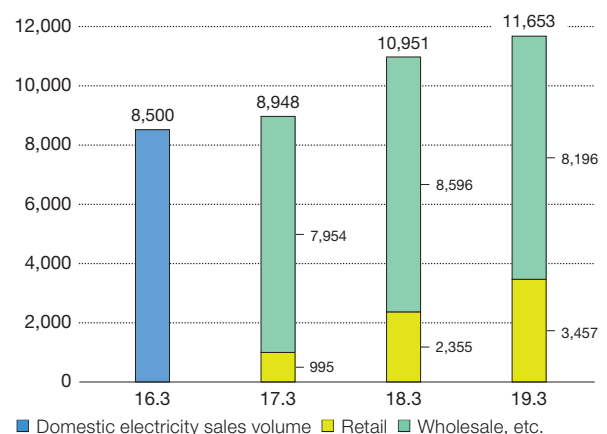
measures, the consolidated number of gas supply reached 5,579 thousand, and the number of low-voltage electricity supply reached 945 thousand as of the end of March 2019. The number of customer accounts was 8.75 million.

	2018.3	2019.3	Change
Consolidated number of gas supply (thousand)	5,996	5,579	-416
Non-consolidated number of gas supply (thousand)	5,970	5,553	-417
Number of low-voltage electricity supply (thousand)	619	945	+326
Number of customer accounts (million)	8.27	8.75	+0.47

Consolidated Gas Sales (million m³)



Consolidated (Domestic) Electricity Sales (million kWh)



Measures for Stable Gas Supply, and Safe and Secure Use

Low-cost and Stable Energy Resource Procurement

Natural gas, a raw material used for city gas, is highly valued in terms of energy security because it is found all over the world. In addition, natural gas emits less carbon dioxide and other greenhouse gases than oil and coal, being considered

a relatively clean type of energy. The Group owns its own carrier fleet and operates it efficiently while diversifying its suppliers and price indexation for low-cost and stable procurement of natural gas.

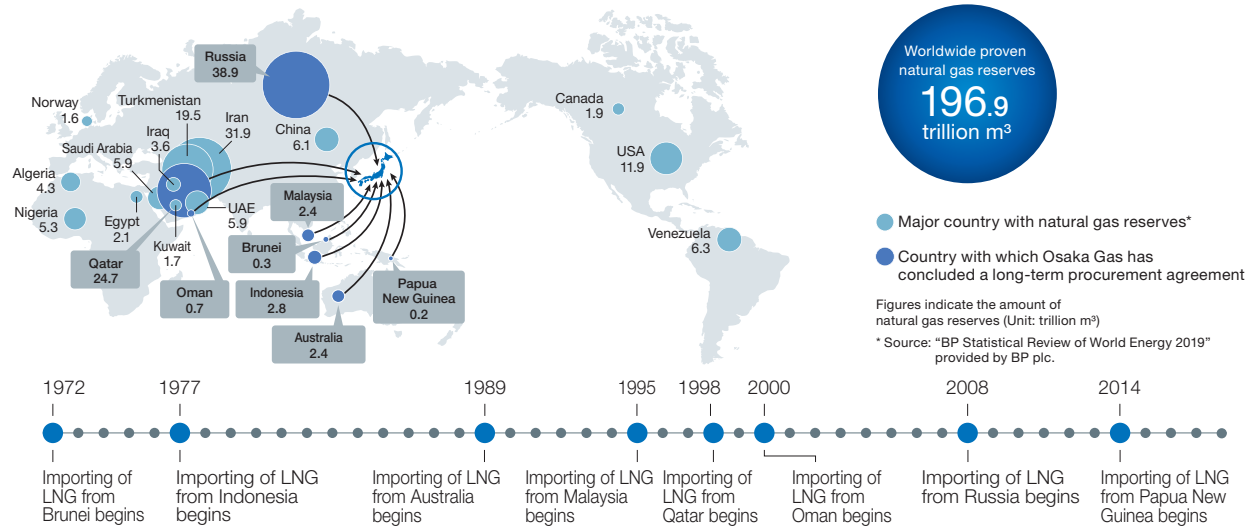
■ Environmental Advantages of Natural Gas

Liquefied natural gas (LNG), the raw material used for city gas, is a clean energy that contains almost no impurities. When LNG is produced by liquefying natural gas, impurities such as sulfur are removed. LNG is clean energy with excellent environmental benefits that generates little CO₂ (carbon dioxide), which is one of the greenhouse gases, NO_x (nitrogen oxide), which is the cause of acid rain and air pollution, and zero SO_x (sulfur oxide) during combustion.

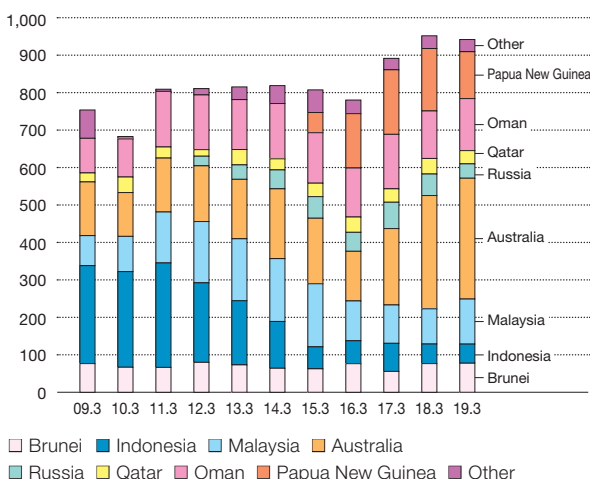
■ Diversification of Suppliers and Price Indexation

Since we started to import LNG from Brunei in 1972, we have sought to diversify our suppliers. Currently, LNG is procured from eight countries, and a natural gas liquefaction project in Texas, USA is set to start around the autumn of 2019. The launch of the liquefaction project will not only add one more country to the list of suppliers but also enable us to enter into a new type of procurement where LNG procurement prices are indexed to Henry Hub prices, in addition to traditional procurement in which LNG prices are generally linked to the price of crude oil. The diversification of price indexation will help stabilize LNG prices when crude oil prices fluctuate. In addition, by investing in liquefaction projects, we will be able to procure price-competitive LNG from among those linked to Henry Hub prices. We will continue to seek even more stable and low-cost LNG procurement.

■ Countries with Natural Gas Reserves and Countries from which Daigas Group Procures LNG



LNG Purchase Volume (10 thousand tons)



■ Use of Daigas Group LNG Carrier Fleet

By utilizing the Daigas Group carrier fleet consisting of seven ships, we are striving to further stabilize the procurement of energy resources and reduce transportation costs while diversifying our suppliers in an effort to expand our LNG trading business.



Vessel name	LNG JUNO	LNG JAMAL	LNG DREAM	LNG BARKA	LNG JUPITER	LNG VENUS	LNG MARS
Capacity	180 thousand m ³	135 thousand m ³	145 thousand m ³	153 thousand m ³	153 thousand m ³	153 thousand m ³	153 thousand m ³

As of April 1, 2019

Supply Systems for Safe and Secure Use

Supply network structure

For stronger supply capabilities and improved reliability of city gas, we regularly inspect our pipeline network, implement planned reinforcements and replacements with stronger material on a regular basis. Additionally, in response to increasing demand for city gas, we have been working to extend new pipelines as well to establish a strong network.



Safety Measures

Maintenance of Supply Network and 24-hour Emergency Dispatch System

For a pipeline network with a total extended length of approximately 62,200 km (equivalent to 1.5 times the circumference of the earth), regular inspection and maintenance are conducted as preventative measures for ensuring safety. In addition, The Central Control Office operates 24 hours a day to monitor and control the status

of gas supply in an integrated manner and is ready to promptly respond and dispatch staff from respective locations upon receiving reports from customers.

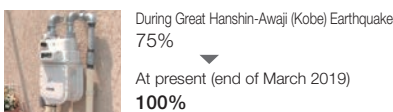


Disaster Prevention Measures (Osaka Gas' Earthquake Countermeasures)

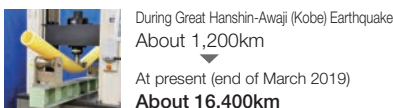
Preventive Measures

We are advancing efforts to minimize damage caused by earthquakes, such as promoting the spread of intelligent gas meters (residential use) that automatically stop gas when large shakes are detected, and actively adopting polyethylene pipes for low-pressure gas pipes.

Intelligent gas meters



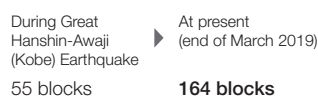
Highly flexible polyethylene pipes



Emergency Measures

We are stepping up our preparedness for earthquakes, by dividing the pipeline network into blocks, which enables gas supply suspension only for severely damaged areas, and having in place a Central Control Back-up center which will take over the Central Control Office of the head office if it is affected.

Segmenting the pipeline network into blocks



Recovery Measures

We have stockpiled materials and equipment and carried out system maintenance for post-disaster quick recovery. In addition, a system to visualize the recovery situation has made it possible to provide gas recovery information in an easy-to-understand manner to customers in areas where gas supply is suspended when a large-scale earthquake occurs.

System to visualize the recovery situation

Visualization of gas recovery status by municipality (Checks with both maps and lists)



Measures to Maximize Customer Accounts

We are aiming to become a company that is consistently chosen by customers in the areas of energy supply such as city gas, LPG, electric power, and other energy-related services by continuing to provide services that go beyond customers' expectations.

Measures for Residential Use

For more than 110 years, we have provided a stable city gas supply and superior safety and reliability to earn customers' trust. On the base of this trust, we are providing electricity and gas supply as well as new products and new services to strengthen relationships with customers.

■ Service Chain

We have approximately 200 service chain partners in our supply area that work closely with customers in their areas providing Sumikata Services (home services) in addition to contract services for the Company (such as opening and shutting off gas service and maintenance of gas equipment). Osaka Gas customer centers accept service reservations for any gas equipment trouble 24 hours a day, 365 days a year. If a call is received by 3:00 p.m., one of about 1,200 technicians qualified by Osaka Gas to repair gas appliances will visit the customer on that day. Customers have given approx. 98% customer satisfaction rating to the speed with which repairs are completed after their call is made.



Calls received 365 days a year (Osaka Gas customer centers)







Same-day repair system (for calls received by 3:00 p.m.)



High customer satisfaction

■ Various electricity rate plan options

We provide rate plan options offering good value, including the "Base Plan A-G" for gas contract customers and "Residential Gas-powered Electricity Generation Plan" for customers who use ENE-FARM, a residential fuel cell cogeneration system. During the fiscal year ended March 31, 2019, we created "Style Plan" electricity service menus that meet diverse customer lifestyles and individual needs. In addition, a service to purchase surplus electricity generated by photovoltaic systems will start in November 2019 for customers whose purchase period will end under the renewable energy feed-in-tariff system. We will offer the Purchase Plan for electricity, which is available for any customer, and the Electricity Set Purchase Plan, which offers an advantage to customers who use Osaka Gas' electricity. In addition, the Style Plan E option will be available, in which the purchase unit price increases further in combination with Style Plan E, an environmentally friendly electricity rate option. We will support customers' lives with these convenient rate options that offer good value.

	Style Plan S	Service menu that comes with the Sumikata Guarantee Pack offering good value
	Style Plan P	Service menu that comes with Amazon's membership program Amazon Prime, offering good value
	Style Plan d	Service menu where "d Points" under the DOCOMO's point service accumulate according to monthly electricity bills
	Style Plan E	Service menu for customers who wish to use environmentally friendly electricity

■ Gas Equipment with Industry-first New Technology

In June 2019, we unveiled the new AVANCE*¹ gas stove that provides greater security and safety, in order to reduce anxiety about the possibility that parts of clothing such as bottoms of sleeves will catch fire when cooking. The new gas stove is equipped with area sensors*², an industry-first technology. The sensors detect when the bottom of a sleeve or other object comes close to a flame and lower the flame automatically, triggering an alert message. In addition, the capacitive touch panels for operating the burners are arranged in the front part of the top plate. The touch panels are frameless, creating a stylish design. For many years, we have developed technologies to improve the security and safety of gas stoves such as Age-look (top burner overheat protection control) and Kie-look (pilot safety shut-off device). We hope to further increase customers' sense of security by adding area sensors.



*1 Paloma Co., Ltd. has applied to register the trademark of "AVANCE."

*2 Osaka Gas Co., Ltd. has applied to register the trademark of "area sensor."

■ Initiatives Aimed at Promoting Installation of ENE-FARM

Since its launch in 2009, cumulative sales of ENE-FARM exceeded 100,000 units as of March 2019. ENE-FARM type S has achieved the world's highest power generation efficiency of 53.5%*³. Surplus electricity generated by ENE-FARM can be sold, and ENE-FARM also offers great environmental benefits, where every 100,000 units contribute to a reduction of approximately 170,000 tons of CO₂ emissions per year. It is also excellent in disaster prevention, as ENE-FARM with self-sustaining functions continue to generate electricity and provide electricity and heat to residential homes even if a power failure occurs. It was confirmed that during the disaster caused by Typhoon Jebi in September 2018, at least approximately 850 units of ENE-FARM were able to generate electricity independently, using monitoring services with IoT technology. Osaka Gas is striving to advance further technology development and cost reduction while continually contributing to the realization of comfortable living for customers, mitigation of environmental loads, and enhancement of energy security.

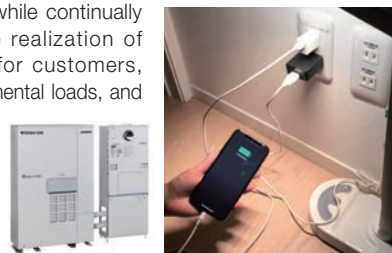


Image showing using a home appliance with a power outlet for independent operation

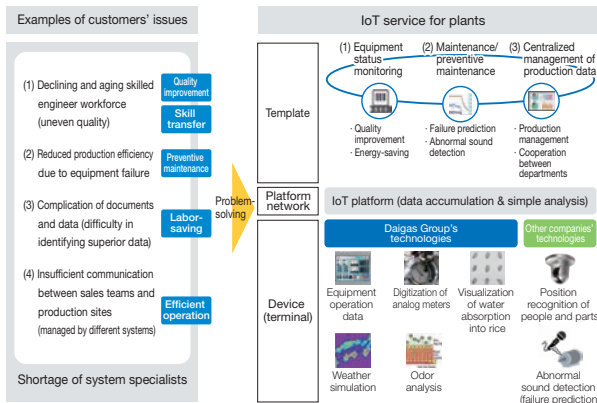
*3 The world's highest power generation efficiency for a residential fuel cell with a rated output of 1kW or less (surveyed by Osaka Gas as of January 29, 2018). The power generation efficiency observed when the rated power generation is maintained consistently for more than 10 hours, in case of purchasing surplus electricity. In cases other than the above, the rated power generation efficiency is 52% (overall efficiency 87%).

Measures for Commercial and Industrial Use

To enable optimized, efficient energy usage, we provide solutions to meet utilities-related outsourcing needs at our customers, along with services that leverage engineering, the IoT and other advanced tools in the development of technologies and products needed by our customers.

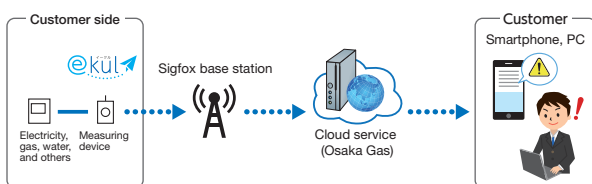
IoT Services for Plants

In June 2019, we started a new service that utilizes IoT to offer solutions that lead to higher plant productivity. The new service is a one-stop IoT service where we select optimal devices and sensors and offer data visualization and analysis tools. The service enables minimizing unexpected equipment failures by monitoring trends in equipment operation data and maintaining stable quality by checking processing conditions against product quality data. It also becomes possible to digitize the expertise of skilled engineers, supporting the transfer of skills. By combining our own expertise with AI, IoT, and other advanced technologies, we will continue to expand our services that are helpful for our customers to grow their businesses and resolve any issues that they may have.



Services Using ICT

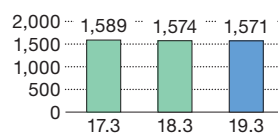
For the commercial and industrial customer, we have developed various services using Information and Communications Technology (ICT). "ekul" is a service which can measure immediately and provide gas and electricity usage information in real time, and can also measure various data, including water usage, number of customers, temperature, and humidity. In April 2019, the "ekul lite" service plan was also launched as a derivative plan of "ekul." The new service plan combines features such as simple device configuration, a measuring device that can be installed anywhere thanks to battery-powered operation, and the availability of existing "ekul" service functions. We will continue to help our customers grow their businesses by providing a wide variety of services.



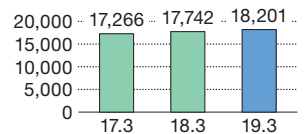
Expanded Use of Gas Cogeneration Systems and Air Conditioning Systems

We are continuing to propose cogeneration systems and gas air conditioning systems that help reduce peak electricity and promote energy conservation.

Industrial Gas Cogeneration Running Capacity (thousand kW)



Gas Air Conditioning and Gas Heat Pump Cumulative Capacity (thousand kW)



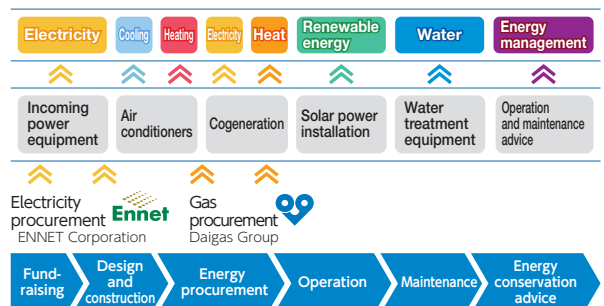
(Note) Output basis

Utility Agent* Contract

In Daigas Group's utility agent contracts, OGCTS Co., Ltd. provides a full-range of utilities-related services, combining nine categories. By proposing in a single package optimized utility facilities (for gas, electricity, water, etc.), no requirement for initial investment, optimized procurement of energy, facility operation/maintenance, and energy-saving technical advice after facility introduction, we ensure continuous energy- and cost-saving not only at the time of introduction but also during operation.



* Trademark "Utility Agent" is a registered trademark of Osaka Gas Co., Ltd. and OGCTS Co., Ltd.



Engineering Services

Leveraging technologies built up over the years, we carry out thorough investigations into energy load at all customer facilities and provide solutions to issues faced by the customer using simulations and other measures at one of Japan's largest test sites. Construction work and post-project maintenance are also carried out by the Daigas Group. We propose total solutions, including regular inspections, emergency troubleshooting, and facility upgrades.

Diagnosis results As of March 31, 2019

Industrial facilities	Power measurement
Approx. 6,200 units	Approx. 1,900 systems

Development of Energy and Services in a Wider Area, Establishment of Competitive Infrastructure

We will expand the provision of energy and services across the country while pursuing the development of competitive infrastructure as a gas and power operator.

■ Expansion of Wide-Area Businesses

As competition continues in the Kansai area's energy business, we aim to broaden our business areas across the country, particularly in the Greater Tokyo area, to grow our Domestic Energy Business. In addition to leveraging the expertise and know-how built through our businesses in the Kansai area, we will expand our operations going beyond regional and corporate boundaries through alliances with other companies.

■ Initiatives in the Greater Tokyo Area

In April 2018, we established CD Energy Direct Co., Ltd., a joint venture with Chubu Electric Power Co., Inc., which combines management resources and business expertise that both companies have fostered through electricity and gas businesses over many years. With the establishment of CD Energy Direct Co., Ltd., we began selling electricity and gas and offering energy-related services in the Greater Tokyo area. Furthermore, we formed business tie-ups in electricity and gas sales, concentrating efforts at CD Energy Direct Co., Ltd. We have acquired about 70,000 customers as of the end of March 2019.

Major business tie-up partners

Business commencement*	Major tie-up partners	Nature of tie-up
October 2018	Tokyu Power Supply	Gas sales
September 2018	ARUHI Marketing Corporation	Electricity and gas sales
October 2018	ENEARC Kanto Co., Ltd.	Gas sales
January 2019	The Yomiuri Shimbun	Electricity sales

* The months that gas supply started are presented.

■ Initiatives across the Country

March 2018: Acquisition of shares in The Reliance Energy Okinawa, Incorporated (ESP* Business)

March 2019: Acquisition of shares in Progressive Energy Corporation (LNG sales business)

We acquired shares of an ESP company and LNG sales company in Okinawa Prefecture, where new demand for energy is expected to increase due to the construction of hotels to keep up with the

rapid increase of tourists, large-scale urban development, and the construction of large-scale retail stores. The Company will contribute to the spread of natural gas, which is clean energy, in Okinawa Prefecture by utilizing its technology and expertise for the use of natural gas while building an LNG value chain ranging from LNG sales to the ESP business in Okinawa Prefecture.

* Abbreviation for energy service provider. ESPs own electrical and heating systems on behalf of their customers and supply electricity and gas in the form of cold and hot water for air conditioning, hot running water, and steam.

September 2018: Establishment of Nagaoka Tansan Co., Ltd.

We built a manufacturing facility for liquefied carbon dioxide and dry ice on land adjacent to INPEX CORPORATION's Nagaoka Mine (Nagaoka City, Niigata Prefecture). Having carbon dioxide as a raw material supplied by INPEX CORPORATION, the company will manufacture and sell liquefied carbon dioxide and dry ice to aid in building a stable supply system.

December 2018: Acquisition of shares in Biwako Blue Energy Co., Ltd.

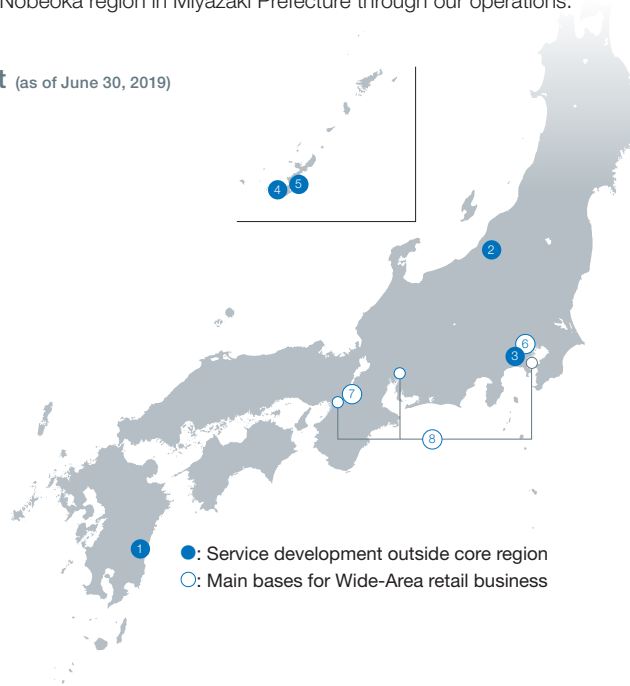
We took over the business from Otsu City, Shiga Prefecture, who was our wholesale gas customer, and Biwako Blue Energy Co., Ltd. started the retail gas business in April 2019. In addition to the retail gas business, the company provides comprehensive energy services that combine peripheral services, such as our electricity, gas equipment, and Sumikata Service, contributing to further advancement of the lives and businesses of the local community in Otsu City.

December 2018: Establishment of Himuka LNG Co., Ltd.

The company will construct, own, and operate infrastructure facilities, such as LNG terminals and pipelines, for supplying natural gas to a new natural gas-fired power plant at which Asahi Kasei Corp. decided to replace its coal-fired power plant in the Nobeoka area (Nobeoka City, Miyazaki Prefecture). By combining the management resources and business expertise of each company, we will work toward the stable supply and expansion of natural gas, which can greatly contribute to energy saving and CO₂ reduction, while helping the advancement of the Nobeoka region in Miyazaki Prefecture through our operations.

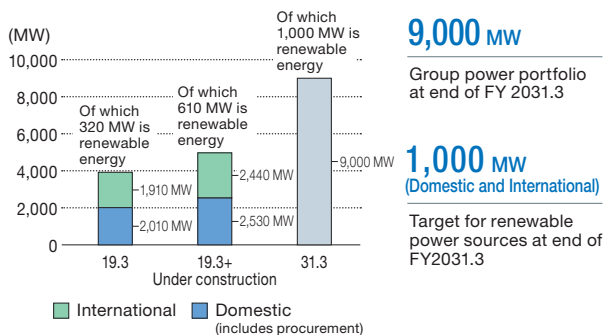
Status of wide-area energy and services development (as of June 30, 2019)

- ① Himuka LNG Co., Ltd.
Stake: 34%
Operation launch: FY2022 (Scheduled)
- ② Nagaoka Carbonic Co., Ltd.
Stake: 100%
Operation launch: April 2021 (Scheduled)
- ③ Ogishima Natural Gas Supply Co., Ltd.
Stake: 15%
Operation launch: April 2020 (Scheduled)
- ④ Reliance Energy Okinawa, Co., Ltd.
Stake: 15%
Investment period: March 2018
- ⑤ Progressive Energy Co., Ltd.
Stake: 25%
Investment period: March 2019
- ⑥ CD Energy Direct Co., Ltd.
Stake: 50%
Business launch: August 2018
- ⑦ Biwako Blue Energy Co., Ltd.
Stake: 74.8%
Business launch: April 2019
- ⑧ ENEARC Co., Ltd.
Stake: 50%
Business launch: October 2017



■ Power Source Development Initiatives

Our group owns a variety of power sources, primarily natural gas-fueled thermal power plants with low environmental impact, as well as cogeneration and renewable energy. Our generation capacity in Japan is approximately 2,010 MW as of March 31, 2019. As an overall Group power portfolio, we plan to be generating around 5,500 MW in Japan and around 3,500 MW overseas, owning a total of 9,000 MW by FY2031.3. To reach the 5,500 MW target for Japan, we aim to ensure flexible response to demand by combining procurement from the power market and peer suppliers. Moreover, by expanding power from renewable sources to a scale of 1,000 MW in both Japan and overseas markets, we will be contributing to creating an overall low-carbon society. Our goal is to create a competitive and environmentally friendly power supply portfolio toward FY2031.3.



■ Withdrawal from Construction Plan for Nishiokinoyama Power Plant (provisional name)

Osaka Gas, Electric Power Development Co., Ltd., and Ube Industries, Ltd., have been examining a plan of building a coal-fired power plant (provisional name: Nishiokinoyama Power Plant) in Nishiokinoyama, Ube City, Yamaguchi Prefecture. However, in light of the changing business environment of the electric power business and future risks, we have decided to withdraw from examining the operationalization of the business project as a result of comprehensive consideration based on the company's investment criteria. (April 24, 2019 press release)

■ Establishment of Green Power Fuel Corporation

On March 7, 2019, as a three company joint venture with Seishin Shinrin Shigen Co., Ltd., and Nippon Paper Lumber Co., Ltd., we established an operational company that procures and sells domestically grown woody biomass to biomass power plants. The Daigas Group already operates or plans to operate seven biomass power plants in Japan, including participation in the Matsusaka Woody Biomass Power Plant, which is fueled 100% with locally available biomass. Through cooperation with Seishin Shinrin Shigen Co., Ltd., which has abundant knowledge of the wood industry, and Nippon Paper Lumber Co., Ltd., which has a long track record of handling domestically grown woody biomass, Green Power Fuel Corporation will provide long-term, stable procurement of domestically grown woody biomass. In the future, the Daigas Group is also considering the possibility of sales to other power generation operators, aiming to consistently expand business by utilizing each company's strengths. Through the establishment and operation of the new company, we will continue our aim to sustainably use domestically grown forest resources as well as further expanding renewable energy power sources.

Total Power Generation Capacity* Domestic Total: 2,010 MW (As of March 31, 2019)

Thermal Power Sources, etc.*

- Senboku LNG Terminal I 20 MW
- Himeji LNG Terminal 66 MW
- Senboku Natural Gas Power Plant 1,109 MW
- Torishima Energy Center, Gas & Power 141 MW
- Uji Energy Center, Gas & Power 67 MW
- Settsu Energy Center, Gas & Power 17 MW
- Senri Energy Center, OGCTS Co., Ltd. 7 MW
- Funamachi Power Plant, Nakayama Joint Power Generation 149 MW
- Nagoya Power Plant, Nakayama Joint Power Generation (excludes biomass-mixed combustion) 142 MW
- Nagoya II Power Plant, Nakayama Joint Power Generation (excludes biomass-mixed combustion) 77 MW
- Fukushima Gas Power 1,180 MW (Under construction)
Spring 2020: Launch of operations (Planned)
- Himeji Natural Gas Power Generation 1,200 MW (Under consideration)Mid-2020s: Launch of operations (Planned)

Thermal Power Sources, etc. Total:
approx. **1,795 MW** *

Renewable Energy Power Sources*

[Solar Power Generation]

- Nissan Green Energy Farm in Oita Power Generation, JGC Mirai Solar 26.5 MW
- Energy Bank Japan Power Plants (25 locations) 35.3 MW
- Other Sources, such as Solar Power Generation, etc. 14.9 MW

Total: approx. 63 MW*

[Biomass Power Generation]

- Matsusaka Woody Biomass Power Plant, Biomass Power Technologies 2 MW
- Nagoya Power Plant, Nakayama Joint Power Generation (5% biomass-mixed combustion) 7 MW
- Nagoya II Power Plant, Nakayama Joint Power Generation (30% biomass-mixed combustion) 33 MW
- Ichihara Biomass Power Generation 50 MW (Under construction)
October 2020: Launch of operations (Planned)
- Sodegaura Biomass Power Generation 75 MW (Under construction)
July 2022: Launch of operations (Planned)
- Hirohata Biomass Power Generation 67 MW (Under construction)
August 2023: Launch of operations (Planned)
- Tokushima Tsuda Biomass Power Generation 75 MW (Under construction)March 2023: Launch of operations (Planned)

Total: approx. 40 MW*

[Wind Power Generation]

- Hayama Wind Farm Power Plant 20 MW
- Hirogawa Myojin-yama Wind Power Plant 16 MW
- Yura Wind Power Plant 10 MW
- Hizen Wind Power Plant 12 MW
- Hizen South Wind Power Plant 18 MW
- Hirao Wind Power Plant 9 MW
- Inami Wind Power Plant 26 MW
- Shiribetsu Wind Power Generation 27 MW (Under construction)

Total: approx. 111 MW*



Inami Wind Power Plant

Renewable Energy Power Source Total:
approx. **215 MW***

*Does not include projects under discussion or at the construction stage. Total figures show power generation capacity of Osaka Gas. For each project, the power plant facility capacity is shown.