

Natural gas, from the lush green environment
of the Hibiki Sea coast

Hibiki LNG Terminal

A C C E S S M A P



Hibiki LNG Terminal

20-1 Koyomachi, Wakamatsu-ku, Kitakyushu-city,
Fukuoka 808-0002

Tel: +81-93-752-2110
<https://www.hibikilng.co.jp/>

Established: April 1, 2010

Operated: November 1, 2014

Capital: 6 billion yen

Shareholders: Saibu Gas Holdings Co., Ltd. 90%,
Kyushu Electric Power Co., Inc. 10%



Kitakyushu City



Visit our website

2026.09



Major Facilities

Site Area : 326,000 m²

..... Under Construction (Rendering)

LNG Jetty

Receiving Capacity : 13,500m³/h
Supply Capacity : 1,300m³/h

LNG Tanks

Storage Capacity : 180,000 kL × 2 tanks
*Third LNG Tank (230,000 kL) under construction

BOG (Boil-Off Gas) Compressors

9.0 t/h × 2 units
*Two additional units under construction

Calorific Value Adjustment Facilities

Office

LNG Vaporizers

High-Pressure : 55 t/h × 3 units
*One additional unit under construction
Medium-Pressure : 50 t/h × 2 units

Odorization Facilities

Control Center

LPG Jetty

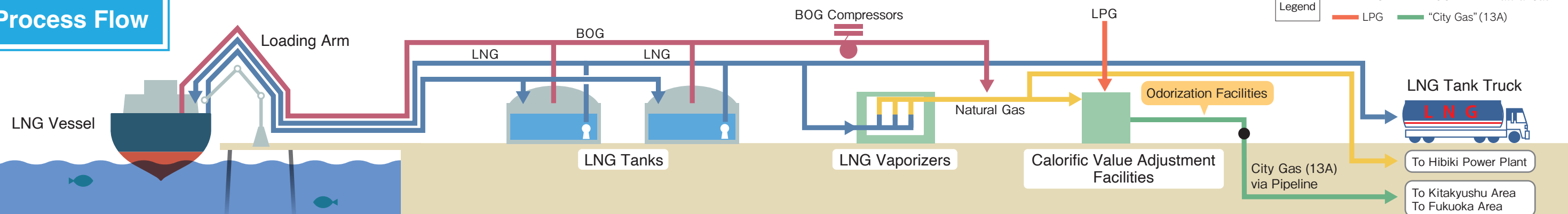
LNG Tank Truck Loading Facilities

12 loading lanes
*Six additional lanes under construction

LPG Tanks

Storage Capacity : 950 t × 4 units

Process Flow



As a key energy supply hub for the wider Northern Kyushu region, we are committed to supporting regional development and realizing a carbon-neutral society.

Natural Gas Supply Hub for Northern Kyushu

Hibiki LNG Terminal supplies environmentally-friendly natural gas to various locations in Northern Kyushu primarily via Saibu Gas pipelines and also delivers LNG to areas without pipelines using tank trucks.

Natural Gas Supply by Pipelines

- Saibu Gas Group High-Pressure Pipelines
- Saibu Gas Group Medium-Pressure Pipelines
- Third-Party Pipelines

LNG Supply by Tank Trucks

- Saibu Gas Group
- Saibu Gas Clients

LNG Supply

LNG Transportation by Tank Trucks

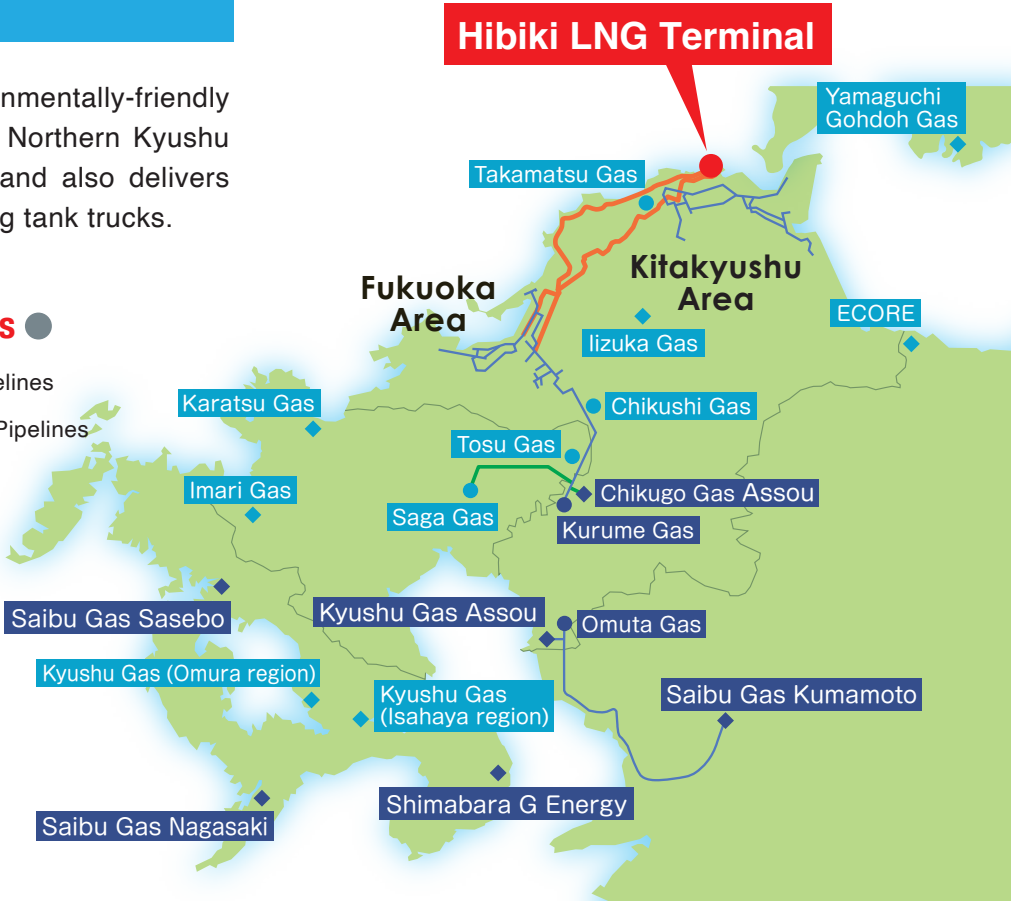
To ensure safe and reliable LNG transportation for industrial customers and gas utilities not connected to pipeline networks, the terminal features one of Japan's largest LNG tank truck loading facilities, equipped with 12 loading lanes.



LNG Tank Trucks



Loading Facilities (12 Loading Lanes)



ISO Tank Container Reloading

Global Business

Leveraging its strategic location close to China and other Asian markets, the terminal has provided Gassing-Up and Cool-Down services for LNG vessels since 2017. Since 2020, it has also provided LNG reloading services to overseas customers using ISO containers and LNG vessels.



LNG Vessel Reloading

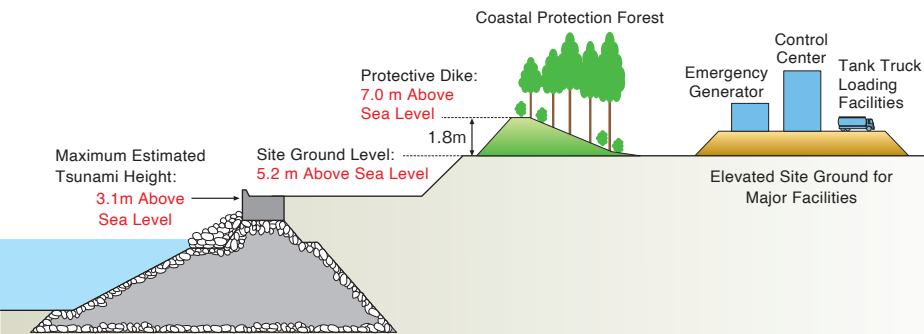
- Maximum vessel sizes our terminal can accommodate

Membrane type	Moss type	Moss type (continuous tank cover)	SPB type
217,330m³	177,000m³	180,000m³	165,000m³

Disaster Countermeasures

Tsunami Countermeasures

- A seawall 7 meter above sea level and a tide embankment are placed around the entire perimeter of the terminal in order to prevent tsunami induced damages. (Maximum height of 3.1m, based on Fukuoka Prefectural Government forecasts)
- As a precautionary measure against flooding, critical equipment has been placed in elevated locations and steps have been taken to prevent water damage to electrical equipment.
- With two independent commercial power lines, city-gas-powered emergency generators, and facilities for connecting mobile power supply vehicles, we are fully prepared for any emergency, including prolonged power outages.



Earthquake Countermeasures

Earthquake countermeasures, including the adoption of a seismic isolation structure, have been implemented in the Central Control Room and Machinery Control Room.



Central Control Room



Dike

Integrated Energy Hub

This area serves as an integrated energy hub, encompassing an LNG terminal, a natural gas-fired power plant, and a solar power plant.



- LNG Terminal : Hibiki LNG Terminal
- Gas-Fired Power Plant: Hibiki Power Plant (Commercial operation commenced in March 2026)
Generating Capacity : 620 MW × 1 unit
Generation System : Gas Turbine Combined Cycle (GTCC)
Fuel: LNG
Ownership: Saibu Gas Co., Ltd. (20%) /
Kyushu Electric Power Co., Inc. (80%)
- Solar Power Plant : Eneseed Hibiki Solar Power Plant (22.4 MW)



Expansion of the Hibiki LNG Terminal Capacity

To address growing domestic demand for natural gas amid the transition toward carbon neutrality, further enhance stable energy supply, and promote global business development, the terminal has been undergoing a capacity expansion project since September 2025. The expanded facilities are scheduled to begin operation in the first half of FY2029.



- Expanded Facilities (Overview) Figures in parentheses indicate the newly added capacity.

LNG Tanks	180,000 kL × 2 tanks; 230,000 kL × 1 tank (new)
Gas Processing Facilities	LNG Vaporizers: 6 units (including 1 new unit) BOG Compressors: 4 units (including 2 new units) Others
LNG Tank Truck Loading Facilities	18 loading lanes (including 6 new lanes)

Our Commitment to Carbon Neutrality

At the Hibiki LNG Terminal, electricity generated from renewable energy sources is used to power terminal operations, improving energy efficiency and reducing CO₂ emissions.

In addition, carbon offset LNG* is used as fuel gas at the terminal.

**Solar Power Generation /
Solar Thermal Utilization**

Solar photovoltaic panels and solar thermal collectors are installed to generate electricity and produce hot water.


Wind Power Generation

Wind turbines are installed to generate electricity by harnessing strong sea breezes.


Carbon Offset LNG

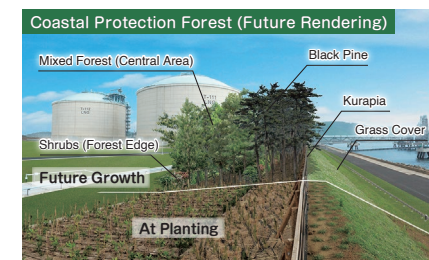
Since its introduction in June 2024, carbon offset LNG has contributed to further reducing CO₂ emissions at the terminal.



Surrounded by a rich natural environment, we strive to be a terminal that coexists in harmony with people, nature, and society.

Coexistence with Nature

For the purpose of cultivating our very own "Hibiki Forest", we have planted approximately 120,000 trees primarily with oak seedlings nurtured from acorns that have been manually collected by Saibu Gas Group employees and their families. Oak seedlings nurtured in nurseries within the terminal are also provided to tree planting events held outside the terminal.



Protective Dike



Seedling Nursery



Planting Festival

Coexistence with the Local Community

Hibiki Acorn Park

We have developed and maintained the park so that the visitors can appreciate the harmony between nature and the terminal.

Hibiki Farm

Hibiki Farm was launched in 2015 to educate local children on "shokuiku" (learning about food and nutrition and developing one's ability to make good dietary choices to live on a healthy diet) .Vegetables such as potatoes and sweet potatoes are grown in this farm and donated to the "Canteen For Children" in Kitakyushu city.



Hibiki Acorn Park (Full View)



Sweet Potato Harvest



Potato Harvest

Official Mascot Characters: **Tank Chans**

We are the friendly spirits living at the Hibiki LNG Terminal, a lush green terminal that coexists in harmony with nature. We're here to share the benefits of natural gas, a clean and environmentally friendly energy source, with everyone!

