

CLEAN MARINE FUEL FOR GALVESTON BAY

Galveston LNG Bunker Port (GLBP) is a joint venture by Pilot LNG and Seapath Group to develop, own and operate the first small-scale liquefied natural gas (LNG) facility on the U.S. Gulf Coast dedicated to serving the growing clean-energy marine fuels market.

GLBP will supply LNG by fuel barge to the rapidly expanding fleet of LNG-fueled vessels in the greater Houston-Galveston region. It is optimally located to serve major ports, including Port Houston, the Port of Galveston and the Port of Texas City.



About LNG

LNG is made from the same natural gas used in your home. It is super-cooled to liquid form for easier transport and use. LNG has been safely shipped around the world for more than 50 years.

- Odorless, non-toxic, non-corrosive liquid
- Not stored under high pressure
- Not flammable or explosive
- No pollution or contamination risks





About the Facility

Port of Texas City
Shoal Point GLBP Site

Port of Galveston

The 140-acre greenfield development will be a 380,000 gallon-per-day (GPD) LNG bunker terminal on Shoal Point in the Texas City industrial complex. The facility would have a production capacity of 760,000 GPD at full build-out. The first phase will include a production train, storage tank, control room, and marine loading and off-loading facilities.

Galveston



OUR COMMITMENT

GLBP will demonstrate commitments to health, safety and the environment by developing and operating a world-class facility using industry-leading proven technology, materials and best practices.



GLBP PROJECT FACTS

Safety

- Existing, proven modular technology and equipment
- Rigorous personal and process safety practices and processes
- State-of-the-art safety, security and hazard mitigation systems



Environmental

- No harmful emissions to air or water
- Clean-energy marine fuel improves air quality



Location

- Existing industrial area
- Deepwater channel
- Channel operations continue unaltered
- In unlikely event of an incident, potential impacts would be contained onsite, as required by regulation



Economic Impact

- \$250 million initial investment
- 250 construction jobs at peak
- 25-50 permanent operations jobs

Permitting and Timeline

The project team will work with multiple federal and state agencies for permitting, regulatory requirements and operations oversight.



Permitting Begins

3 8 8 8 2Q / 2024

Community Engagement Begins 8 8 8 8 1Q/2025

Permits Issued, Construction Begins 0 0 0 0 2027

> Facility Operational

MEETING DEMAND FOR CLEAN MARINE FUELS

With new international regulations mandating cleaner-burning fuels for the marine industry beginning in 2020 and the shipping industry's drive to reduce carbon and other emissions, the project is ideally timed and situated.

- Number of LNG-fueled vessels expected to more than double in next few years (1,035 globally by 2025); driven by global marine regulations and corporate environmental goals
- LNG-fueled ships, including the Carnival Jubilee, are already here



LNG a cleaner marine fuel to improve air quality*



99% reduction in sulfur oxide (SOx)



96% reduction in particulate matter



90% reduction in nitrous oxide (NOx)



25-30% reduction in greenhouse gases

^{*}Compared to traditional heavy fuel oil and marine distillate