



Neptune
GDF SUEZ



A New Wave in Natural Gas Delivery

Neptune is the liquefied natural gas (LNG) facility that a subsidiary of GDF SUEZ will complete in late 2009 off the coast of Massachusetts. It is designed to meet New England's growing demand for natural gas using a new technology that is safe, reliable, and environmentally sound.

Natural Gas: The Fuel of Choice

Natural gas is a versatile and ecologically-friendly fuel. It is not corrosive or toxic, and does not pollute land or water resources.

What Is LNG?

- LNG connects consumers with natural gas that could not otherwise reach them economically. When natural gas is chilled to -260 degrees Fahrenheit, it turns to liquid and is reduced to 1/600th of its original volume. When natural gas is in liquid form, it is both cost-effective to transport over long distances and easy to store in large quantities.
- As a liquid, LNG cannot explode and is not flammable.

LNG Facilities in the U.S. Today

Currently, there are only nine U.S. LNG import facilities. Seven are located onshore – the Distrigas facility in Everett, Massachusetts, pictured at right (which is owned by a subsidiary of GDF SUEZ), and facilities in Maryland, Georgia, Louisiana, Texas, and Puerto Rico. The other two facilities are located off the coasts of Louisiana and Massachusetts.

The Distrigas facility is the longest operating LNG facility in the United States, with an exemplary safety record and decades of highly reliable service to customers. Having more than 35 years of experience in shipping, storing, transporting, and marketing LNG throughout New England, GDF SUEZ has the industry expertise and relationships necessary to make the Neptune facility a success.

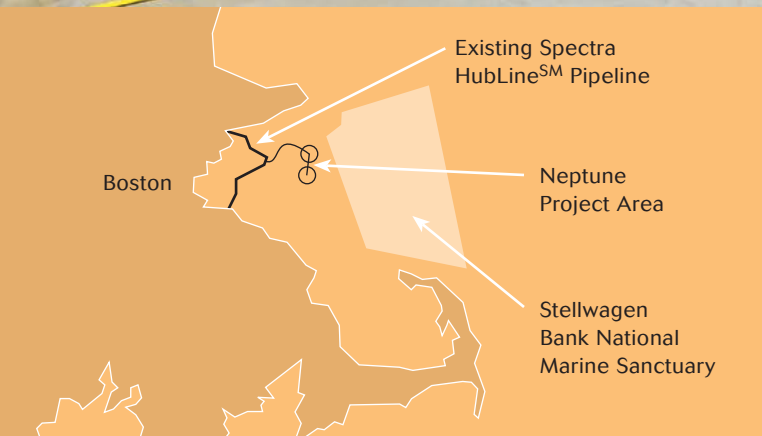
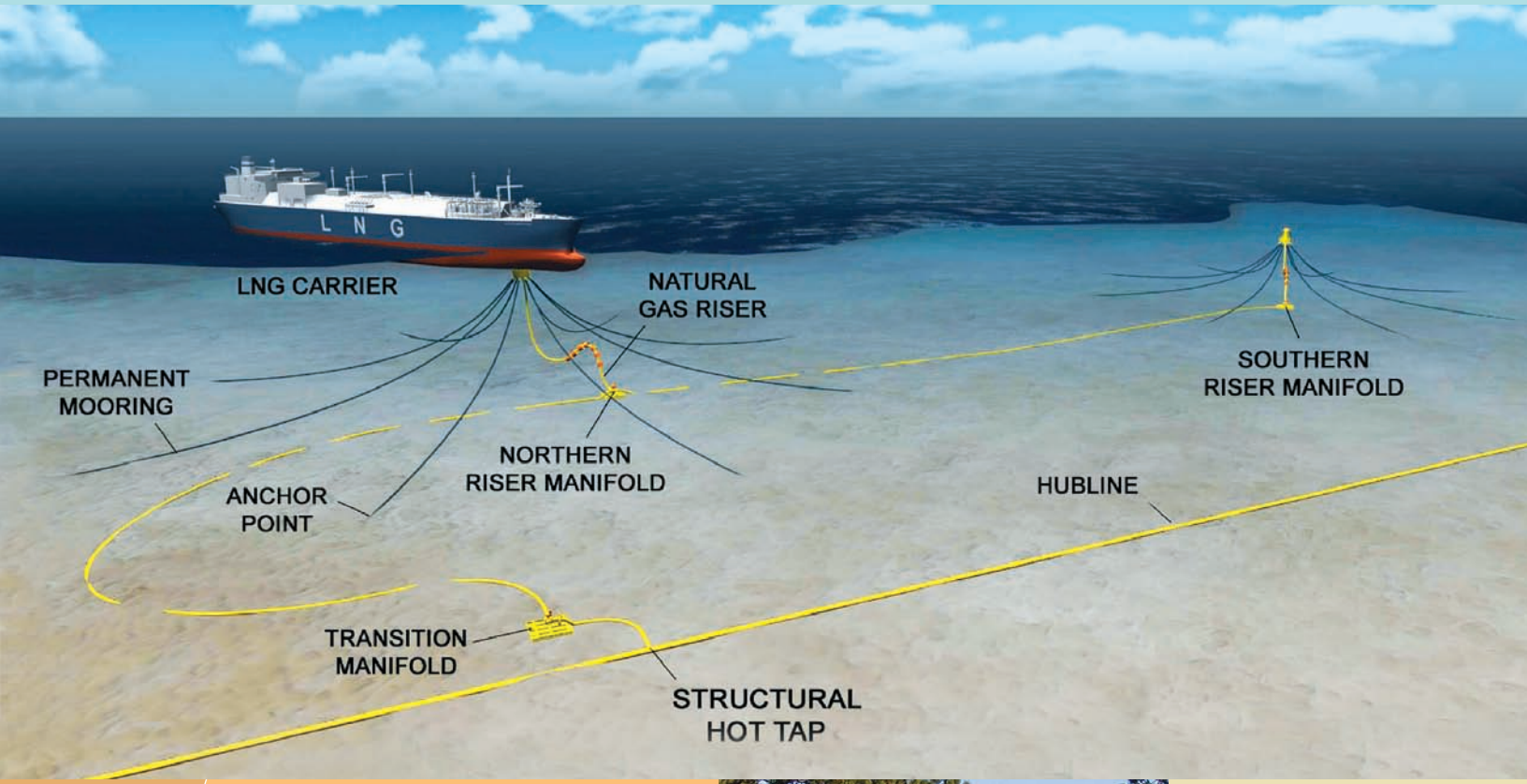
Lack of Pipeline Capacity Demonstrates New England's Need for LNG

New England lies at the end of the domestic and Canadian natural gas pipelines, and its capacity is constrained. For this reason, LNG deliveries are critical to supplement pipeline natural gas supplies and meet the demand required by industry, businesses, and homes. And about 40% of New England's electricity is generated from natural gas. Meanwhile, demand for the clean-burning fuel continues to grow.



Neptune: A Project Overview

The Neptune facility will consist of a buoy system where LNG vessels will moor and discharge revaporized LNG, or natural gas, by using onboard vaporization equipment. The natural gas will be transported via a subsea pipeline lateral into the existing Spectra pipeline system's HubLineSM, which will deliver the natural gas to customers throughout Massachusetts and on to the rest of New England.



View of actual LNG vessel (center of photo) in project location, 10 miles off the coast of Massachusetts.

The Best Site in New England

Neptune is ideally located in Federal waters 22 miles northeast of Boston and approximately 10 miles off the coast of Massachusetts' Cape Ann. This location accomplishes all of the following major priorities:

- No coastal land is used
- Avoids Stellwagen Bank National Marine Sanctuary
- Avoids shipping lanes into Boston Harbor
- Connects to existing offshore pipeline



What Neptune Will Mean for Massachusetts

The Neptune facility will provide an average of 400 million cubic feet of natural gas per day to the New England market – enough to serve 1.5 million homes each day. On very cold days and other periods of high demand, Neptune can increase its delivery rate to 750 million cubic feet of natural gas per day. This will do much to satisfy growing demand, and ensure that homes here have heat when temperatures drop, and electricity year round.

The Neptune Team

- GDF SUEZ is the leading LNG importer in the U.S. and Europe, and is the only company operating LNG import terminals on both sides of the Atlantic Ocean. With more than 100 years of combined terminal operating experience, GDF SUEZ has a proven history of safe, reliable operation and a deep commitment to the local community.
- Norwegian company Hoegh LNG, with its own 30-year history, will provide the specialized ships, known in the industry as shuttle and regasification vessels (SRVs).

Securing low cost, environmentally friendly,
and safe energy for New England homes and businesses.

For Current Information about Neptune

Visit us at www.neptunelngconstruction.com,
or call us at 978.465.4500.

To Learn More about LNG

Visit The Center for LNG at www.lngfacts.org
or the University of Texas Center for Energy Economics at
www.beg.utexas.edu/energyecon/lng.

