



ALASKA MOVING FORWARD

***DEVELOPING ALASKA'S NATURAL GAS
INFRASTRUCTURE AND LNG EXPORT PROJECT***



ALASKA'S NATURAL GAS INFRASTRUCTURE AND LNG EXPORT PROJECT

The Alaska Gasline Development Corporation (AGDC) is an independent, public corporation of the State of Alaska.

AGDC holds oversight and delegation authority to expedite development of an integrated natural gas infrastructure and liquefied natural gas (LNG) export project. AGDC is actively pursuing project commercialization that will result in a major infrastructure project underpinned by customer contracts and third-party financing.

The project will move North Slope natural gas through the resource-rich center of Alaska and is one of the most important projects being built in the United States. It is Alaska's priority project and has been widely studied by stakeholders, federal agencies, and state regulators.

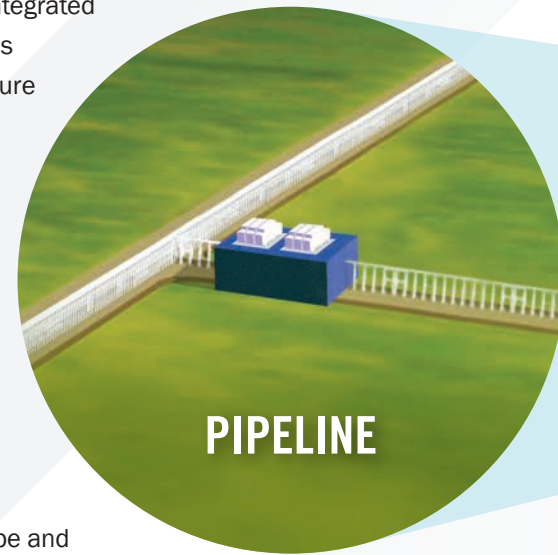
THE PIPELINE

The backbone of the project is an 800-mile pipeline originating on the North Slope and terminating in Southcentral Alaska where LNG will be exported to international markets.

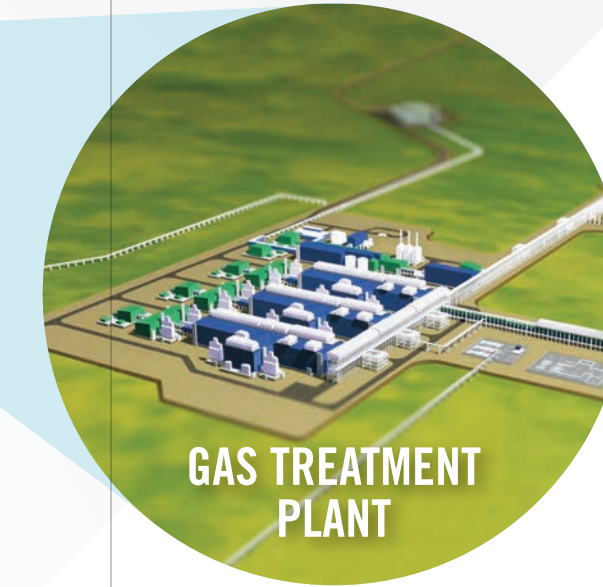
The pipeline will provide a stable supply of natural gas to Alaskans, ensuring they have access to a long-term and affordable supply. Multiple interconnection points will allow for in-state natural gas delivery to support personal heating and electricity, and industrial needs including manufacturing, mining, and other developments.

- 800-mile (1,287 km), 42-inch-diameter (1.1 m) natural gas pipeline.
- Multiple interconnection points for in-state gas distribution.
- Eight compressor stations.
- 2,075 psig (143 bar) operating pressure.
- Average daily throughput of 3.1 billion cubic feet; maximum daily capacity of 3.3 billion cubic feet.

ALASKA'S CLOSE PROXIMITY TO KEY MARKETS, PROVEN VAST GAS RESOURCES, AND SUPPORTIVE BUSINESS ENVIRONMENT POSITION THE STATE TO BECOME THE PREFERRED SUPPLIER TO THE GLOBAL LNG MARKETS.



PIPELINE



GAS TREATMENT PLANT

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The gas treatment plant (GTP) will be located in Prudhoe Bay near existing oil and gas infrastructure. The plant will be comprised of three process trains to remove impurities from the natural gas.

- Average daily capacity of 3.5 billion cubic feet; maximum daily capacity of 3.9 billion cubic feet.
- Carbon dioxide will be removed, captured, and reinjected into underground reservoirs.

LIQUEFACTION FACILITY

The liquefaction facility, located in Nikiski, will process and export up to 20 million tons of LNG per year using the propane pre-cooled mixed refrigerant (C3MR™) process, an Air Products patented technology.

- Three LNG trains.
- Two 240,000 cubic meter storage tanks.
- The facility can transfer approximately 12,500 cubic meters of LNG per hour.
- Two loading berths to accommodate LNG carriers up to 217,000 cubic meters (Q-Flex).
- Target startup in 2023-2025.



LIQUEFACTION FACILITY

THE PROJECT IS EXPECTED TO PRODUCE AND EXPORT UP TO 20 MILLION TONS OF LNG PER YEAR USING CLEAN, EFFICIENT AND SAFE METHODS AND TECHNOLOGIES.



ALASKA'S NATURAL GAS SUPPLY

Oil and gas drive the Alaska economy anchored by Alaska's petroleum-rich North Slope which is home to four of the United States' top 10 conventional producing oil fields including Prudhoe Bay, the largest conventional field in North America. The North Slope is also one of the largest natural gas resources in the world. The infrastructure, large-scale production facilities, and a qualified workforce are in place.

Alaska has been successfully exporting LNG for almost 50 years. Alaska's strategic location in the North Pacific offers significant shipping advantages to key LNG markets.

ALASKA'S INTEGRATED NATURAL GAS PROJECT INCLUDES 800 MILES OF PIPELINE AND A NEW LIQUEFACTION FACILITY.

"The most common denominator for any growing economy is low-cost energy. Monetizing our gas on the world market makes it possible to deliver low-cost energy to Alaskan homes and businesses, create thousands of construction and long-term operational jobs, while at the same time generating much needed revenue for the state through gas exports." — Governor Bill Walker

2023-2025

Target In-Service First Cargo

2018-2023

Construction

2015-2017

Engineering and Design

2018-2019

Final Investment Decision





ALASKA'S **ADVANTAGE**



Proven Gas Resource and Existing Infrastructure



Market Proximity and Arctic Climate



Stable and Reliable Supply



Significant Business Advantages

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