

Will the Alaska LNG Project Deliver Gas To Alaskans?

The Alaska LNG Project is designed to provide gas to Alaskans through interconnections along the pipeline route. The Alaska Gasline Development Corporation (AGDC) is leading the project and Alaska Statute requires AGDC to make gas available to public utilities, residential, and industrial customers at commercially reasonable rates (AS 31.25.005).

AGDC's objective is to maintain as much flexibility, as possible, for current and future in-state gas users and to develop infrastructure to provide access to an abundant supply of natural gas from the Alaska LNG Project. AGDC will collaborate with utilities, local communities, policymakers, and the public to ensure stakeholders' needs are clearly identified during development of the project.

When will gas be available for in-state use?

Primary interconnections to existing gas utilities in Fairbanks and Southcentral Alaska are expected to be operational at start-up of the pipeline and will provide gas supply for the distribution systems within these existing service areas. Additionally, interconnection to the pipeline will be made available through commercial agreements with other utilities or gas distribution systems as they are developed.

What are the steps to get natural gas to my area?

AGDC has identified thirty-five (35) communities or areas of potential development along the mainline pipeline that do not currently have access to natural gas. Interconnection to each of these communities is technically feasible, however, the development of the infrastructure will need to be evaluated by the users of the gas prior to entering into commercial agreements for gas supply. The Interior Gas Utility (<http://www.interiorgas.com/>) and ENSTAR Natural Gas Company (<https://www.enstarnaturalgas.com/>) are existing gas utilities that can provide consultation on developing natural gas infrastructure.

As shown on the following page, providing natural gas to communities requires moving natural gas from an interconnection point installed on the mainline gas pipeline. This requires a combination of infrastructure including an interconnection, an off-take station, lateral pipelines, and a local distribution system (LDS).

What is a pipeline interconnection?

A pipeline interconnection is a specific point along the pipeline that provides a connection to other infrastructure that delivers gas to users.

What is a lateral pipeline?

A lateral or "spur line" is a smaller volume transmission line usually required to bring gas from the pipeline interconnection or off-take station to the LDS.

What is an off-take and why are they important?

Off-takes are infrastructure connected to the pipeline interconnection. An off-take station allows natural gas to be reduced from high-pressure gas from the mainline pipeline into a lower pressure gas for distribution to users. An off-take station would typically include pressure regulation or control valves, a gas heater, a gas filter, measurement instrumentation, an odorization system, telemetry and communication equipment, and physical security for the facility and equipment.

FACT SHEET

