

Header Improvement Project

Frequently Asked Questions

What is the Header Improvement Project?

The Header Improvement Project is a system upgrade project that gives Virginia Natural Gas the operational capacity to ensure Virginia's energy providers in eastern central Virginia have access to the clean and reliable natural gas needed to serve Virginia residents and businesses.

Why are improvements needed?

- To connect the current VNG pipeline system to the existing Transco Gas pipeline system, creating a pathway for energy producers and local distribution companies to receive natural gas.
- To meet our legal obligation to serve by delivering clean and reliable natural gas to C4GT, an independent power producer in Charles City County. C4GT, an electric generation facility, will be among the most efficient natural gas fueled power plants built in Virginia and is fully permitted and certificated.
- To improve the operational capability and overall reliability of the natural gas pipeline system allowing utilities to keep up with growth and resulting natural gas demand.

What are the improvements?

The improvement project has the following components:

- Transco Interconnect Pipeline: 6.2 miles (connects existing VNG pipeline to Transco pipeline)
- Quantico Parallel Pipeline: 3.3 miles
- Mechanicsville Parallel Pipeline: 14.6 miles

Three compressor stations:

- Transco Interconnect Station
- Ladysmith Station (expansion of existing station)
- Gidley Station (located within an existing natural gas facility)

Why are parallel pipes required?

Parallel pipe is required to provide additional pipeline capacity to serve our customers.

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Why are three compressor stations needed?

Compressor stations are required to move natural gas through the system. It is important to note these stations were carefully located to minimize environmental or community impacts.

Is the (C4GT) power plant approved?

Yes. The plant has all required approvals and is fully certificated.

Why was natural gas chosen by C4GT?

Natural gas is clean and provides the reliable energy source required to run a utility-scale electric generation facility. Other options, including coal and hydro, are not viable choices. A wind or solar farm of the magnitude required to compare with this natural gas fueled plant is not feasible in this area, would have significant property impacts, and would not produce a reliable or sufficient amount of energy.

What experience does Virginia Natural Gas have in co-locating in electric or other utility easements?

Virginia Natural Gas has installed and safely operates more than 200 miles of pipeline that is co-located in energy corridors throughout its pipeline system. This is an industry best practice encouraged by regulators to minimize environmental and property impacts.

When will the improvement project be complete?

Surveying and permitting begins around June 2020 with construction beginning in June 2021. The project is anticipated to go into service at the end of 2022.

If I have questions, who do I contact?

If you have questions regarding this project:

- Visit virginianaturalgas.com/HIP
- Call our Work in Your Neighborhood project hotline at **757.616.7565**
- Email us at: VNGHIP@southernco.com

virginianaturalgas.com/HIP