

# VNG HEADER IMPROVEMENT PROJECT

**24 mi**

Total Proposed  
Miles of Pipelines

**3**

Compressor  
Stations

**68**

Affected Streams  
and Rivers

**150+**

Acres of Impacted  
Wetlands







**\$20.75 million**

Cost to VNG Customers

Source: Virginia Natural Gas

## What is it?

The project consists of:

-  **Transco Interconnect Pipeline:** 6.2 miles of steel pipeline connecting VNG's existing Quantico pipeline with the Transco pipeline, cutting through Fauquier and Prince William counties (all pipelines will be 30 inches in diameter)
-  **Quantico Parallel Pipeline:** 3.3 miles of pipeline running parallel to VNG's existing Quantico pipeline in Fauquier County
-  **Mechanicsville Parallel Pipeline:** 14.6 miles of pipeline running parallel to VNG's existing Lateral Pipeline in Hanover, New Kent, and Charles City counties
-  **Transco Interconnect Compressor Station:** new compressor station in Prince William County
-  **Ladysmith Compressor Station Expansion:** expanding the footprint of the existing Ladysmith Compressor Station in Caroline County
-  **Gidley Compressor Station:** new compressor station in the existing Gidley Gate Metering/Regulation Station in the City of Chesapeake

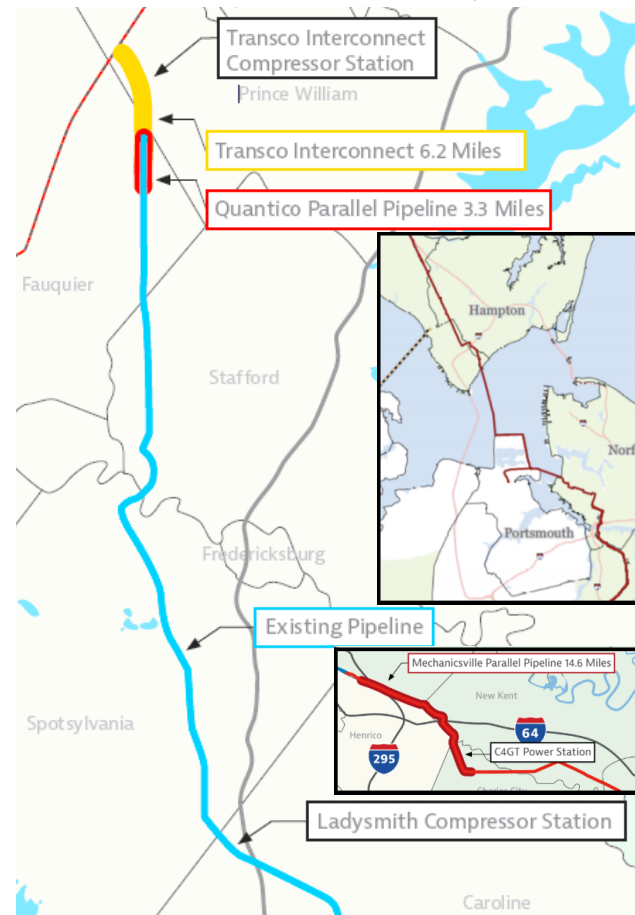
## The Numbers:

The proposed operational date for the entire project, including the Charles City C4GT facility, is December 31, 2022. The total estimated cost of the project is \$346 million, 6% of which will be financed by VNG's customers via base rates.

## Environmental Impact:

The project sections will cross Cedar Creek, Cedar Run, Slate Run and Town Run and more than a dozen unnamed streams in Northern Virginia. The Occoquan Reservoir Intake is also in the pathway of the pipeline construction and it is a major drinking water source for all of Northern Virginia. The Mechanicsville Parallel Pipeline would impact Chickahominy River, Boatswain Creek, Elder Swamp, Higgins Swamp, Possum Run and over 34 unnamed crossings, impacting 9886 linear feet of waterways. The Chickahominy River would be crossed by the Mechanicsville Parallel Pipe within the section designated as a Scenic River by the Virginia Department of Conservation and Recreation. This project will heavily impact the City of Chesapeake, a community that is already feeling the effects of the climate crisis.

Additionally, compressor stations emit air pollutants that are harmful to human health, including nitrogen oxides (NO<sub>2</sub>), carbon monoxide (CO), volatile organic compounds (VOCs), sulfur dioxide (SO<sub>2</sub>), and particulate matter (PM).



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