

VNG HEADER IMPROVEMENT PROJECT

24 mi

of large, high-pressure 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 high-pressure 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 high-pressure pipeline running parallel to VNG's existing Quantico pipeline in Fauquier County

Mechanicsville Parallel Pipeline: 14.6 miles of high-pressure pipeline running parallel to VNG's existing Lateral Pipeline in New Kent, Hanover and Charles City counties

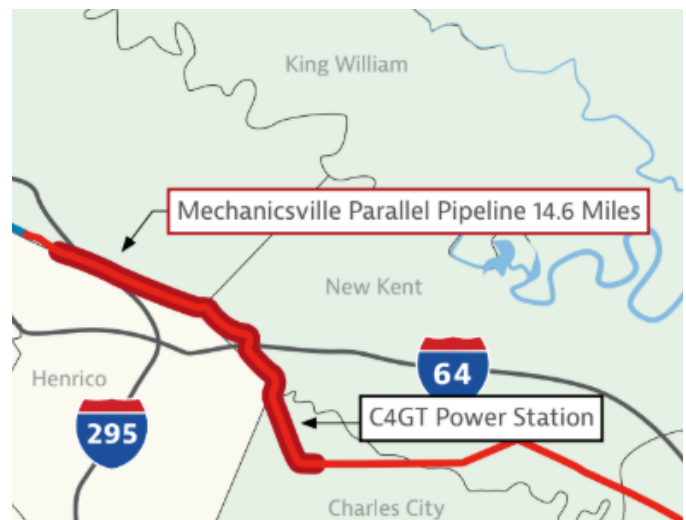
Transco Interconnect Compressor Station: new compressor station in Prince William County

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.



Central Virginia Environmental Impacts:

Most of the HIP's devastating wetland impacts, a total of 115 total acres, are in the Chickahominy River watershed. The Mechanicsville Parallel Pipeline (MPP) would impact not only the Chickahominy River, but also Boatswain Creek, Elder Swamp, Higgins Swamp, Possum Run and 34 unnamed crossings. The Chickahominy would be crossed by the MPP within the section designated as a Scenic River by the Virginia Department of Conservation and Recreation. Additional impacts in this area alone would include: 35 acres of farmland, 176 acres of forestland, designated conservation lands, rare and threatened wildlife and plant species, as well as numerous historical and archaeological sites.

Of additional concern is the expansion of the Ladysmith Compressor Station in Caroline County. Compressor stations emit air pollutants that are harmful to human health, including nitrogen oxides (NO₂), carbon monoxide (CO), volatile organic compounds (VOCs), sulfur dioxide (SO₂), and particulate matter (PM).

