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 a separate 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 Impacts in Northern Virginia:

The project sections will cross **four major streams** (Cedar Creek, Cedar Run, Slate Run and Town Run) and more than a dozen unnamed streams in the area. The pipelines will be located within a 100-foot radius of 37 acres of **wetlands** in Prince William and Fauquier counties. 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.

Compressor stations emit air pollutants that are harmful to human health, including **toxic air pollutants**. A recent study of compressor stations found **70 chemicals** that were released, with many linked to multiple categories of human disease. According to the proposed permit for the Buckingham compressor station, it would emit nitrogen oxides (NO2), carbon monoxide (CO), volatile organic compounds (VOCs), sulfur dioxide (SO2), and particulate matter (PM). Transco Interconnect Pipeline would be in a 100-foot radius of **28.10 acres of farmland** and **80.80 acres of forest**. The Quantico Parallel Pipeline would be in a 100-foot radius of **50.17 acres of farmland** and **23.27 acres of forest**.

### VNG IMPROVEMENT PROJECT

<table>
<thead>
<tr>
<th>Total Proposed Miles of Pipelines</th>
<th>Compressor Stations</th>
<th>Affected Streams and Rivers</th>
<th>Acres of Impacted Wetlands</th>
<th>Cost to VNG Customers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>24 mi</strong></td>
<td><strong>3</strong></td>
<td><strong>68</strong></td>
<td><strong>150+</strong></td>
<td><strong>$20.75 million</strong></td>
</tr>
</tbody>
</table>

Source: Virginia Natural Gas