



## Compressor Stations

As proposed, the MVP Southgate project is a natural gas pipeline system that spans approximately 75 miles from southern Virginia to central North Carolina – and as an interstate pipeline will be regulated by the Federal Energy Regulatory Commission (FERC). MVP Southgate will be developed, constructed, and owned by Mountain Valley Pipeline, LLC (Mountain Valley). As currently proposed, the pipeline will be 24 and 16 inches in diameter and will require one compressor station at the beginning of the project in Virginia.



### What is a compressor station?

A compressor station is a natural gas facility located along a pipeline route that compresses gas in the line to increase pressure, allowing it to flow through the line toward its intended destination. Friction and elevation changes induce pressure drop on the natural gas traveling in a pipeline and must be periodically compressed to ensure consistent pressure and efficient delivery.

### Station on the proposed MVP Southgate route

Mountain Valley has identified the need for one compressor stations along the proposed route to transport natural gas to its delivery points in Rockingham and Alamance counties, North Carolina. The station will be built on land owned by Mountain Valley. The natural gas compressor will be driven by turbine engines that will be powered by natural gas. They will utilize a fraction of the gas coming through the station from the pipeline as fuel and will compress the remainder for transport and delivery.

- **Lambert Compressor Station** – sited in Pittsylvania County, VA, located at milepost 0.0, to pull gas from the interconnection with the Mountain Valley Pipeline for delivery to downstream delivery points. As proposed, the Lambert Station is sited to include two gas-driven turbines, providing approximately 28,915 nominal hp of compression.

Man-made pipeline tools known as “pigs” are used to internally clean and inspect pipelines across the country. The MVP Southgate project team plans to install pig launchers at locations along the pipeline in order to achieve the cleaning and inspection requirements.

The MVP Southgate compressor station will be monitored 24/7 by an offsite system and will have remote devices with the ability to observe, control, and shut down operations in the event of an emergency. Emissions from the construction and operation of the compressor station will comply with all applicable air quality regulations as permitted by regulatory authorities. Equipment, controls, and safe operating practices will be utilized to minimize emissions.