



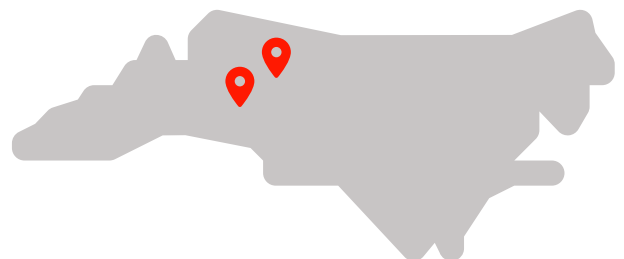
# COMPRESSOR STATIONS 101

## WHAT ARE COMPRESSOR STATIONS?

- Pipelines that transport gas need compressor stations to keep the gas flowing.
  - Compressor stations add pressure to the gas and push it through the pipe.
  - Compressor stations that are powered by gas produce harmful pollution as a result. Toxic air pollutants like formaldehyde and fine particulate matter (tiny fragments of pollution that are harmful when inhaled) can cause or make worse asthma, high blood pressure, and cardiovascular issues like arrhythmia and heart attacks.
  - Compressor stations that run on electric motors produce much lower amounts of air pollution because they are not burning gas, which is a fossil fuel.
- **Compressor Station 150** is located in **Mooreville**, at or near **236 Transco Road, Mooreville, NC, 28117**.
  - **Compressor Station 155** is located in **Davidson County, North Carolina**, at or near **650 Becky Hill Road, Lexington, NC 27295**.
  - **Compressor Station 155** has operated since at least 1994; **Compressor Station 150** has operated since 1949.
  - A new report found that air pollution is already high in several communities where Transco proposes to build its Southeast Supply Enhancement Project, including those neighboring **Compressor Stations 150 and 155**.
  - Although Transco currently plans to expand several of their compressor stations with electric power, which would produce less harmful pollution, the company plans to keep **Compressor Stations 150 and 155** running with even more gas, instead of switching to electricity.

## SSEP COMPRESSOR STATIONS?

- In addition to laying new gas pipelines, Transco's Southeast Supply Enhancement Project (SSEP) proposal includes expanding several of its existing compressor stations, including two gas-powered stations in **North Carolina**.





## WHO DECIDES ABOUT PERMITTING A COMPRESSOR STATION AND WHAT DO THEY CONSIDER?

- When the government makes a decision about whether or not to permit a pipeline (or part of a pipeline, like a compressor station) to move forward, the Federal Energy Regulatory Commission (FERC) is required by law to study the environmental effects of the project and to consider other options that could be less harmful.
  - In the case of the Southeast Supply Enhancement Project, one of those less harmful options is upgrading **Compressor Stations 150** and **155** to run on electricity instead of gas.
- The NC Department of Environmental Quality (DEQ) is the state regulatory agency that will review SSEP's air permits and decide whether or not to grant them.
  - You can join impacted community members and advocates in demanding DEQ complete a thorough assessment of local ambient air quality and community health in neighborhoods surrounding **Compressor Stations 150** and **155**, to assess the health impacts of increased air pollution on local residents.

## STAY IN THE KNOW

Compressor stations are industrial facilities that help move natural gas through pipelines by maintaining pressure along the system. These facilities typically operate around the clock and may include:

- Large engines
- Compressors
- Other equipment

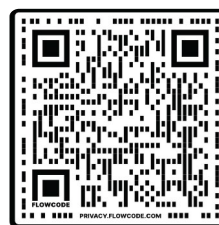
Because of their size and continuous operation, people often have questions about how a compressor station may affect nearby:

- Homes
- Farms
- Businesses
- Natural areas

Communities commonly seek information about topics such as:

- Noise
- Air quality
- Safety measures
- Facility operations over time

Clear and accessible information can help communities better understand proposed projects and stay informed about opportunities to learn more or share feedback.



For a detailed map, visit [nossep.org](https://nossep.org) or scan this QR Code

