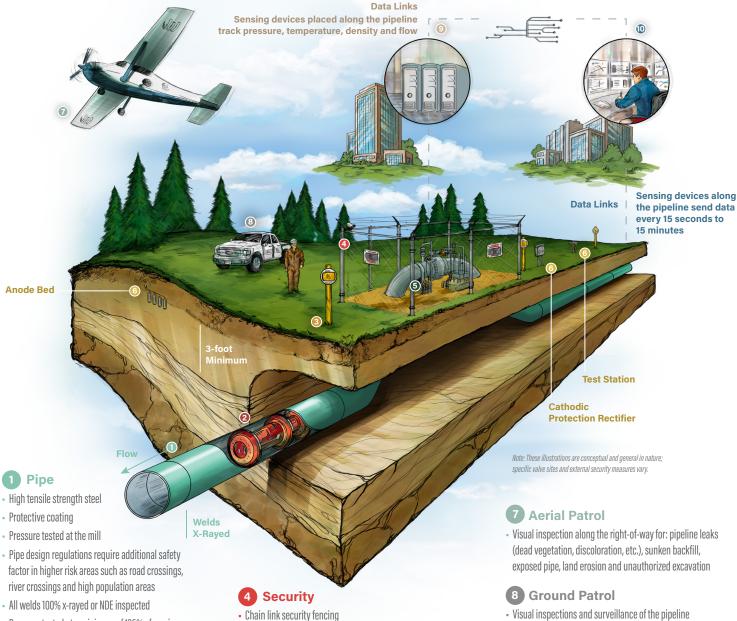


PIPELINE OPERATIONS AND SAFETY OVERVIEW

Energy Transfer has a comprehensive pipeline integrity program that enables us to monitor our assets 24 hours a day, 7 days a week, 365 days a year. Pipeline operations personnel are trained and qualified in accordance with pipeline safety regulations. Qualifications cover all aspects of operations and maintenance and are periodically reassessed as required.



- Pressure tested at a minimum of 125% of maximum operating pressure

2 In-Line Inspection Tools

• There are various tool technologies that may be used to identify and measure metal loss from corrosion and gouges, identify dents and other deformations, and detect longitudinal cracks and crack-like defects

3 Pipeline Markers

- Pipeline markers and warning signs indicate approximate location of the pipeline
- Located at frequent intervals along the pipeline right-of-way
- List product, name of the pipeline operator, and operator's telephone number in case of an emergency
- Display 811 "Call Before You Dig" notification phone number

- Chain link security fencing
- Security camera and monitoring

5 Valves

- Both automated and manual valves are strategically placed along the pipeline
- Can be used to stop flow along a certain section of pipe
- Inspected periodically in accordance with regulations
- A variety of valves are used both above and below ground

Cathodic Protection

- Inhibits corrosion by application of electrical current with anode bed
- Effective protection requires very low DC voltage
- Entire pipeline is protected below ground
- Inspected and tested annually, rectifier inspected every other month
- Test stations approximately one mile apart

- along the right-of-way
- Maintenance and inspections of equipment and valves

Supervisory Control and Data Acquisition (SCADA) Systems

- Control system that uses computers and networked data
- Sends critical information to pipeline operations teams
- Automates data logging and processing

10 Control Center

- · Centralized control center to immediately and easily adjust flow rates in the pipeline
- Pipeline engineers know exactly what is happening along the pipeline at all times
- Can guickly react to equipment malfunctions, leaks, or any other unusual activity along the pipeline







