

# Energy Transfer in Ohio



## Our Ohio History

Energy Transfer has deep roots in Ohio, beginning in 1886 with the Sun Company's first oil refinery in Toledo. In fact, the Sun Company was founded in northeast Ohio by Joseph Newton Pew and his business partner, E.O. Emerson. With only five employees, the Toledo facility focused on refining kerosene, gas oil and fuel oil.

Today, Energy Transfer operates more than 2,300 miles of pipelines and eight marketing terminals in Ohio, supported by approximately 200 employees.

## Giving Back to the Community

Our positive impacts go beyond operating the energy infrastructure needed to move the energy products we all rely on for modern life – from the energy we use in our vehicles to the natural gas and propane we use to heat our homes, and the products that are manufactured using building blocks derived from petroleum, natural gas and natural gas liquids.

**Since 2014, Energy Transfer is proud to have contributed nearly \$175,000 to community, agricultural, civic and emergency response organizations throughout Ohio.**



Ohio Oil and Gas Association (OOGA) Toys for Tots, December 2022



Mid-Ohio Food Collective Food Drive, July 2022



## Ohio Assets



### Energy Transfer Ohio Assets Map

0 10 20 30 40 50 Miles

- ET Marketing Terminal
- Compressor Station
- Pump Station
- ◆ Sunoco LP Terminal
- Mariner East 2
- Mariner West
- Crude Oil Pipeline
- Ohio River System
- Panhandle Eastern
- Riser Pipeline
- Crude Oil Pipeline
- Refined Products Pipeline

## Rover Pipeline

The Rover Pipeline spans approximately 720 miles and has the capacity to transport 3.4 billion cubic feet per day of domestically produced natural gas from the Marcellus and Utica Shale to markets nationwide. The completed project has direct deliveries to Ohio, West Virginia, Michigan, and into the Dawn Hub located in Ontario, Canada. Energy Transfer is one of the largest shareholders of Rover and operates the pipeline.

Approximately 570 miles of the pipeline are located in Ohio, traversing 18 counties, approximately 107 local taxing districts and 41 school districts.

The Rover Pipeline is among the largest taxpayers in Ohio and is either the largest or among the largest ad valorem taxpayers in several of the 18 Ohio counties through which it passes.

## Mariner West

Mariner West is a pipeline delivering ethane and butane from the liquid-rich Marcellus Shale processing and fractionation areas in western Pennsylvania to the petrochemical market in Sarnia, Ontario, Canada. Energy Transfer built and completed the Mariner West pipeline in 2013. It connects a processing complex in Houston, PA to a pipeline in Vanport, PA, ultimately delivering ethane to Sarnia.

## Allegheny Access

Allegheny Access is a pipeline delivering refined products, such as gasoline, diesel fuel, jet fuel and heating oil, from the Midwest to terminals in eastern Ohio and western Pennsylvania. Energy Transfer completed the pipeline project in 2014. Allegheny Access connects to **Pennsylvania Access**, which brings refined products from the Midwest supply region into Pennsylvania and ultimately the Northeast market.

## PIPELINE MILEAGE:

777 - natural gas

253 - crude oil

273 - NGLs

1,020 - refined products

## OTHER ASSETS:

600+ Sunoco fuel stations

8 compressor stations

8 marketing terminals

## The Products We Move

Energy Transfer's diverse assets in Ohio serve to process, store and transport a variety of products that we rely on in our everyday lives.



- **Natural gas** is an efficient, reliable and affordable fuel source used to power and heat homes and businesses. According to the American Gas Association, natural gas is used by 3.4 million Ohio households; 268,482 commercial buildings including hospitals, schools and businesses; and 5,800 industrial users.
- **Natural gas liquids (NGLs)** are components of natural gas that are separated from the gaseous state at processing plants. Natural gas liquids, such as ethane, propane and butane, have a multitude of uses for things we depend on in our daily lives. This includes cooking, home heating, refrigeration, vehicle fuel and the production of plastics that are critical to health and hygiene, such as the manufacturing of personal protective equipment. For example, propane is the raw material used to make polypropylene, a product used to make surgical masks, gloves, hand sanitizer and wipes, among other things.
- **Crude oil**, also called petroleum, is an unrefined liquid fuel source extracted through drilling.
- **Refined products** are derived from crude oil and include fuels such as heating oil, gasoline, diesel fuel and jet fuel.

**Ohio is the eighth-largest consumer of natural gas in the United States, and seven out of 10 homes in Ohio use natural gas as the primary source of heating, according to the U.S. Energy Information Administration.**



**Medina Pump Station in Medina Township, Medina County**

The Medina Pump Station is part of the Mariner West system, helping to transport ethane through the pipeline by adjusting pressure and monitoring the flow to maintain momentum.



**Hopedale Storage Facility in Green Township, Harrison County**

Built in 2015, the Hopedale Storage Facility aggregates propane and butane from MarkWest and provides the needed horsepower to transport the products via the Mariner East pipeline system.

## THE PRODUCTS WE MOVE



Jet Fuel



Propane



Ethane



Natural Gas



Motor Fuel



Restored right of way in Wayne Township, Harrison County

## Built for Safety and Security

Pipelines are a proven safe mode of transportation for petroleum products that are central to our everyday lives and essential to the United States economy.

Energy Transfer is committed to safety at the highest level. The safety of our employees and the community is our highest priority. It is every employee's responsibility to conduct business in accordance with this mission, and it is management's commitment to providing the resources, equipment, training and tools to ensure continued improvement.

### Safety at the Highest Level

- Rigorous testing of all pipes, using the most advanced technologies available to analyze a pipeline's condition and monitor operation in real time.
- Certified controllers monitor the pipeline's pressure, temperature and flow, 24 hours a day, seven days a week, from a control center dedicated exclusively to the safe operation of our pipelines.
- Operators can shut down pipeline operations remotely.
- In addition to manual shutdown, we employ automated leak detection and shutdown capabilities for enhanced security.
- Routinely patrol the pipeline route on the ground and by air for any potential hazards, exceeding federal safety regulations in these and other areas.

America's vast pipeline network stretches more than 2.5 million miles. Every year, pipelines carry billions of gallons of petroleum products — including crude oil, gasoline, diesel and natural gas liquids such as propane — from areas where they are produced to areas where they are processed and ultimately used.

## First Responder Training and Support

Building relationships between emergency planners, pipeline operators and first responders is a critical aspect of safe and collaborative pipeline operations. Energy Transfer has awarded more than \$1.5 million in grants to emergency response organizations in Pennsylvania, Ohio and Michigan through the First Responder Fund.

Established in 2016, the First Responder Fund has helped emergency response organizations enhance rescue capabilities through training; replacing or upgrading rescue equipment, including personal protective equipment and turnout gear; purchasing rescue engines and all-terrain vehicles; upgrading facilities; and more.



Powhatan Point Volunteer Fire Department,  
Belmont County, Ohio



Barton Volunteer Fire Department,  
Belmont County, Ohio

We also prioritize first responder training and partnerships to ensure emergency responders have the knowledge and resources they need to be successful. To date, Energy Transfer has trained more than 400 first responders in Ohio. Additionally, Energy Transfer sponsors emergency response training with other pipeline operators, through the Paradigm Coordinated Response Exercise (CoRE) program.

## Conserving and Enhancing the Environment

Conservation and energy development go hand-in-hand. From planning and design to restoration and operation, Energy Transfer is committed to ensuring the long-term integrity of the environment. Beyond our work to maintain our pipeline corridors to the highest standard, Energy Transfer partners with conservation organizations to protect and enhance Ohio's natural resources and wildlife.

For example, Evergreen Resources, a subsidiary of Sunoco and Energy Transfer, is the sponsor of the Otter Creek Project in Oregon, Ohio, which will involve sediment cleanup from historical industrial discharges into the creek, as well as other habitat improvements, through a partnership under the Great Lakes Legacy Act. Otter Creek extends approximately seven miles through Toledo and Oregon, Ohio, before flowing into Maumee Bay. The project is currently in design.



## Information and Inquiries

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