



MARINER EAST 2 NEWS & VIEWS

A pipeline of information to keep you updated on developments across the project footprint | JANUARY 2019

Energy Transfer announces Mariner East 2 is in service

We are pleased to have placed the Mariner East 2 pipeline into service in December as planned. Now, while the safe operation of our Mariner East system remains our top priority, we shift our focus to constructing the remaining portions of 20-inch and 16-inch pipe.

Mariner East 2 is a 350-mile pipeline transporting domestically produced ethane, propane and butane (natural gas liquids, NGLs) east from processing plants in Ohio across West Virginia and Pennsylvania to Energy Transfer’s Marcus Hook Industrial Complex in Delaware County, PA, where the NGLs are stored for distribution to local, domestic and waterborne markets. During winter, nearly 200 propane trucks leave the Marcus Hook facility per day, making local deliveries to Pennsylvania markets.

Our Mariner East 2X pipeline, which parallels Mariner East 2, is expected to be put into service in late 2019. Together the ME1, ME2 and ME2X pipelines, collectively the Mariner East system, will provide operational flexibility and enhanced security of NGL supply from producing areas to key markets in the region and beyond.

Energy Transfer worked with regulators on the federal and state levels, as well as county and local officials, to bring Mariner East 2 into service, meeting all state and federal safety requirements. The remaining construction will continue to deliver significant employment and economic impacts to Pennsylvania.

According to a 2018 economic impact study by Econsult Solutions, the total impact of the construction of the Mariner East system of pipelines is estimated to be more than \$9.1 billion in Pennsylvania alone – and that’s just the beginning.

When complete, the projects will have provided more than 9,500 construction jobs per year for six years, with associated earnings totaling more than \$2.7 billion. 

Safety

Safety is not just a slogan at Energy Transfer – it’s our culture. That’s why we are committed to the safe construction and operation of the Mariner East 2 pipeline system by continuously going above and beyond many regulatory standards.

Our comprehensive pipeline integrity program enables us to monitor the Mariner East 2 pipeline system 24 hours a day, seven days a week, 365 days a year. From the physical pipe to the highly trained pipeline operations personnel who will continue to maintain the line for decades to come, we have left no stone unturned when constructing and maintaining this pipeline system. 



Pipe

- High tensile strength steel
- Protective coating
- Pressure-tested at the mill



Aerial and Ground Patrols

- Visual inspection along the right-of-way



Control Center

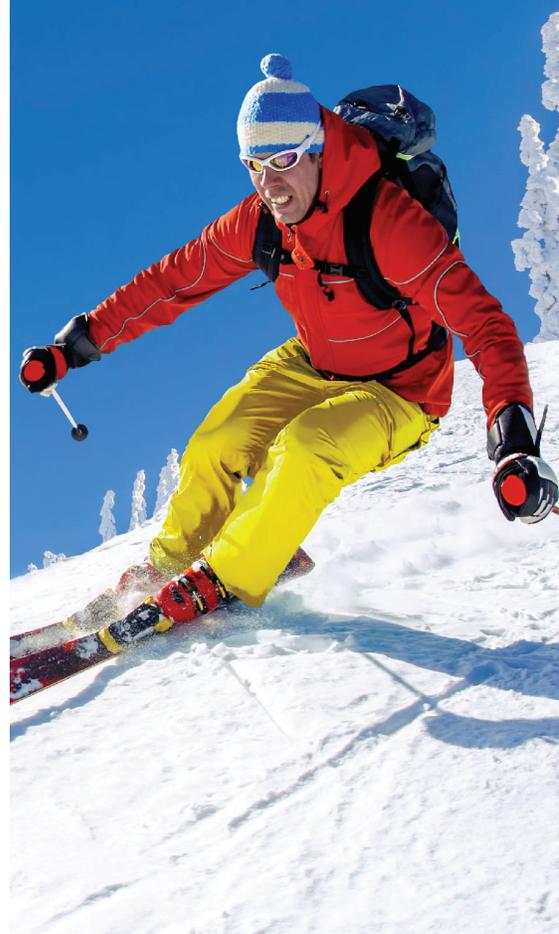
- Supervised 24/7/365
- Immediately and easily adjust flow rates in the pipeline



NGLs Make Winter Warmer

The NGLs being transported through the Mariner East 1 and Mariner East 2 pipelines are vital to keeping our modern world moving. These energy products are a source of heat for the many Pennsylvanians who use propane for home heating. They're also used as feedstock for plastics and other items we use daily or seasonally to keep us warm.

Many of the items we use to enjoy the outdoors during winter are derived from NGLs. Everything from the synthetic gear that keeps us covered to snowboards, bindings, shovels, skis and snowshoes is produced from NGL byproducts. Without the production and safe transportation of these building blocks, many everyday products we rely on would not be as prevalent in our modern world. 



Supporting the Next Generation of STEAM Workers

We recently worked with educational leaders in Cambria County to assist Jackson Elementary School with its science, technology, engineering, arts and math (STEAM) program. Jackson Elementary was presented with a \$5,000 grant that will support its Inventionland program, a STEAM initiative designed to provide rich experiential learning opportunities and hands-on exploration for students within each of the STEAM disciplines.

State Rep. Frank Burns was present during the grant presentation and said:

“Having a workforce that can perform the jobs of the future means helping students obtain the skills needed to fill those jobs. I’ve long supported the commonwealth’s ongoing education efforts to promote science, technology, engineering, the arts and mathematics. Today’s generous \$5,000 grant from Energy Transfer will enhance the STEAM offerings at Jackson Elementary School and is much appreciated.”

Just as Energy Transfer is committed to building the energy infrastructure of the future, we are also committed to training a workforce to do those jobs – that means continuing to invest in students across the commonwealth. 

Helping Families in Delaware County

We continuously work with locally elected leaders throughout the Mariner East pipeline system and will continue to do so as we safely maintain and operate the line. Through our collaboration with community leaders, we have identified opportunities to support community initiatives across our operational footprint.

Over the holiday season, we assisted community members in Lower Chichester and Marcus Hook through the Adopt a Family Program. Energy Transfer – with the assistance of contractors Brand Insulators, Nooter Construction and Scheck – sponsored two families from Lower Chichester and one from Marcus Hook, providing assistance during the holiday season.

Our employees and contractors also made a substantial donation to the Angel Food Pantry which is associated with the Cokesbury Methodist Church in Marcus Hook, Delaware County. 