



Sunoco Pipeline is in the Process of Changing the Service on a Section of a 12-inch Refined Products Pipeline to Satisfy Customer Demand

Sunoco Pipeline has identified a section of an existing refined products pipeline that will be safely repurposed to help move natural gas liquids (NGL) to the Marcus Hook Industrial Complex. This temporary change of service on a section of this pipeline will allow Sunoco to meet its customer obligations on the Mariner East 2 Pipeline while work on the Mariner East system continues, including the re-evaluation of existing construction plans for some of the horizontal directional drills; and to make any appropriate modifications. When construction is completed, the 12-inch line will be returned to refined products service.

Project Specifics:

The section of the 12-inch line that will be used runs from Wallace Township to Middletown Township (Chester and Delaware counties). The minimum amount of work that is required to safely change this line from a refined products line to a NGL line includes:

- Replacing two manual valves with automated valves
- Installing above ground interconnecting piping at each end of the 12-inch pipeline where it will connect to the Mariner East pipeline
- Integrity testing prior to putting the line into NGL service

Regulatory

We submitted the required notifications to the Pipeline and Hazardous Materials Safety Administration (PHMSA). We have also notified PA Public Utilities Commission (PAPUC) on the construction activities that will take place. We have also made the PA Department of Environmental Protection (DEP) and local townships along this pipeline section aware of our plans. All necessary permits are in place. PHMSA provides a guidance document for this type of conversion of service that we are following.

Pipeline Upgrade

This section of the 12-inch line went through a \$30 million upgrade in 2016, as part of our ongoing Integrity Management Program for all our pipelines, which included inline and hydro testing. The result is an upgraded section of pipe which exceeds the requirements of the PAPUC and PHMSA. The final upgrades to this section include the replacement of two manual valves with automated valves and the addition of above ground pig traps prior to in-service of ME2.

Integrity Management

Safety is our top priority. Not just because it makes good business sense, but because safety is at the core of everything we do—the safety of our people, the safety of our communities, and the safety of the environment.

We have a comprehensive pipeline integrity program that enables us to monitor our assets 24 hours a day, 7 day a week, 365 days a year. This is done through a Supervisory Control and Data Acquisition (SCADA) System that uses computer technology to send critical information to the pipeline operations team and automates data logging and processing.

As part of Energy Transfer Partners, we operate over 83,000 miles of pipelines throughout the U.S. and spend millions each year to maintain and improve our assets. In 2017 for example, we spent \$429 million in maintenance and improvements of our assets. We follow strict regulations and standards to ensure pipeline safety, and as a company we endeavor to go above and beyond these regulations.

Mariner East 2 Update

Mainline construction on ME2 is 99% complete, with 75% of the line hydrotested and ready for service. Remaining work on the HDDs is about 95% complete, and the system is on schedule for the pipeline to begin service in Q3 of 2018.