Mariner East Projects

Sunoco Logistics

What is Mariner East?

The Mariner East projects are designed to provide needed pipeline infrastructure to transport ethane, propane, and other petroleum products from the Marcellus and Utica Shales to markets in Pennsylvania and elsewhere. Additionally, the Mariner projects will play a major contributing role in repurposing of the Marcus Hook Industrial Complex as the Northeast hub for distribution of natural gas liquids to commercial markets domestically and globally.

To date, Mariner East Phase 1 has created jobs and economic development opportunities throughout Pennsylvania, and the potential for additional job creation and economic development via Mariner East Phase 2 will be recognized in Ohio, West Virginia, Pennsylvania and Delaware.

Mariner East Phase 1

Mariner East Phase 1 is a project that connected a new, approximately 50-mile pipeline with existing lines to move ethane and propane from operations in Western Pennsylvania to the Marcus Hook facility along the Delaware River, where the products are processed and sold in the United States and abroad.

Ethane and propane are byproducts of natural gas development. In order to utilize these byproducts, a new pipeline to transport ethane and propane as natural gas liquids (NGLs) from a MarkWest facility in Houston, Pennsylvania to Delmont, Pennsylvania was built as part of the project. It links with an existing pipeline that runs from Western Pennsylvania to the Marcus Hook facility.

The Marcus Hook facility is located in southern Delaware County, outside Philadelphia. A portion of the facility is in the state of Delaware.

Mariner East Phase 2

Mariner East Phase 2 is a project to build new pipeline capacity from Ohio through West Virginia, Pennsylvania and Delaware to transport Liquified Petroleum Gases (LPGs), also known as Natural Gas Liquids (NGLs), to the Marcus Hook facility along the Delaware River. The project will also lead to the creation of an NGL hub for distribution and processing for commercial markets.

Mariner East Phase 2 will expand the project's capacity to move natural gas liquids from the Marcellus and Utica Shales to to additional on-loading and off-loading points within Pennsylvania via a new pipeline that is 20 inches in diameter.

Phase 2 is an important enhancement to our nation's pipeline infrastructure and will utilize shale resources to create jobs in Pennsylvania and the surrounding region, rather than shipping those resources to the Gulf Coast. Mariner East Phase 2 is scheduled to be completed in third-quarter 2017.

Pipeline Regulation

As a system that provides both interstate service between states and intrastate service within Pennsylvania, the service provided by the Mariner East pipelines is regulated by both the Pennsylvania Public Utility Commission and the Federal Energy Regulatory Commission. Both the Public Utility Commission and the U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration oversee the safe and secure movement of petroleum products, including natural gas liquids such as propane, ethane and butane, with periodic inspections. With respect to purely intrastate portions of product movement within Pennsylvania, the Public Utility Commission regulates transportation service provided by pipeline operators and collects public utility tax on pipeline revenue.

Built for Safety and Security

Pipelines are a proven safe mode of transportation for petroleum products that are central to our everyday life and essential to the United States' economy. Sunoco Logistics Partners L.P. and its subsidiary, Sunoco Pipeline L.P. are committed to safety at the highest level.

The safety of Sunoco Logistics' employees and the community is our highest priority as an organization, and we believe that no project is worth doing if it cannot be done safely. It is every employee's responsibility to conduct business in accordance with this mission, and it is management's commitment to provide the resources, equipment, training, and tools to ensure continued improvement.

That means rigorous testing of all pipes, new and existing, using the most advanced technologies available to analyze a pipeline's condition and monitor its operation in real time. Certified controllers closely watch the pipeline's pressure, temperature and flow, 24 hours, 7 days a week from a control center dedicated exclusively to the safe operation of our pipelines, and can shut down pipeline operations remotely. We patrol the pipeline route, or right-of-way, on the ground and by air for any potential hazards. And we reach out to neighbors, contractors and first responders to educate them about the pipelines in their communities.

America's vast pipeline network stretches over 2.5 million miles. Each year, pipelines carry billions of gallons of petroleum products – including crude oil, gasoline, diesel and natural gas liquids like propane – from areas where they are produced, to areas where they are refined and ultimately used. Sunoco Pipeline has been moving all of these products safely for more than 80 years.

Economic Benefits

Total Planned Capital Investment:
Approximately $3 billion in Pennsylvania

Mariner East projects will support more than 15,000 jobs a year and contribute $62 million in taxes over the two-year construction period. These projects will sustain 300-400 permanent jobs and contribute at least $100 million annually to the Pennsylvania economy.

Project Timetable

Phase 1 –	Propane delivery –	December 2014;
	Ethane delivery –	1Q 2016
Phase 2 –	Surveying complete	
	Construction –	Late Winter / Early Spring 2017
	Completion –	Third quarter 2017

Information & Inquiries:

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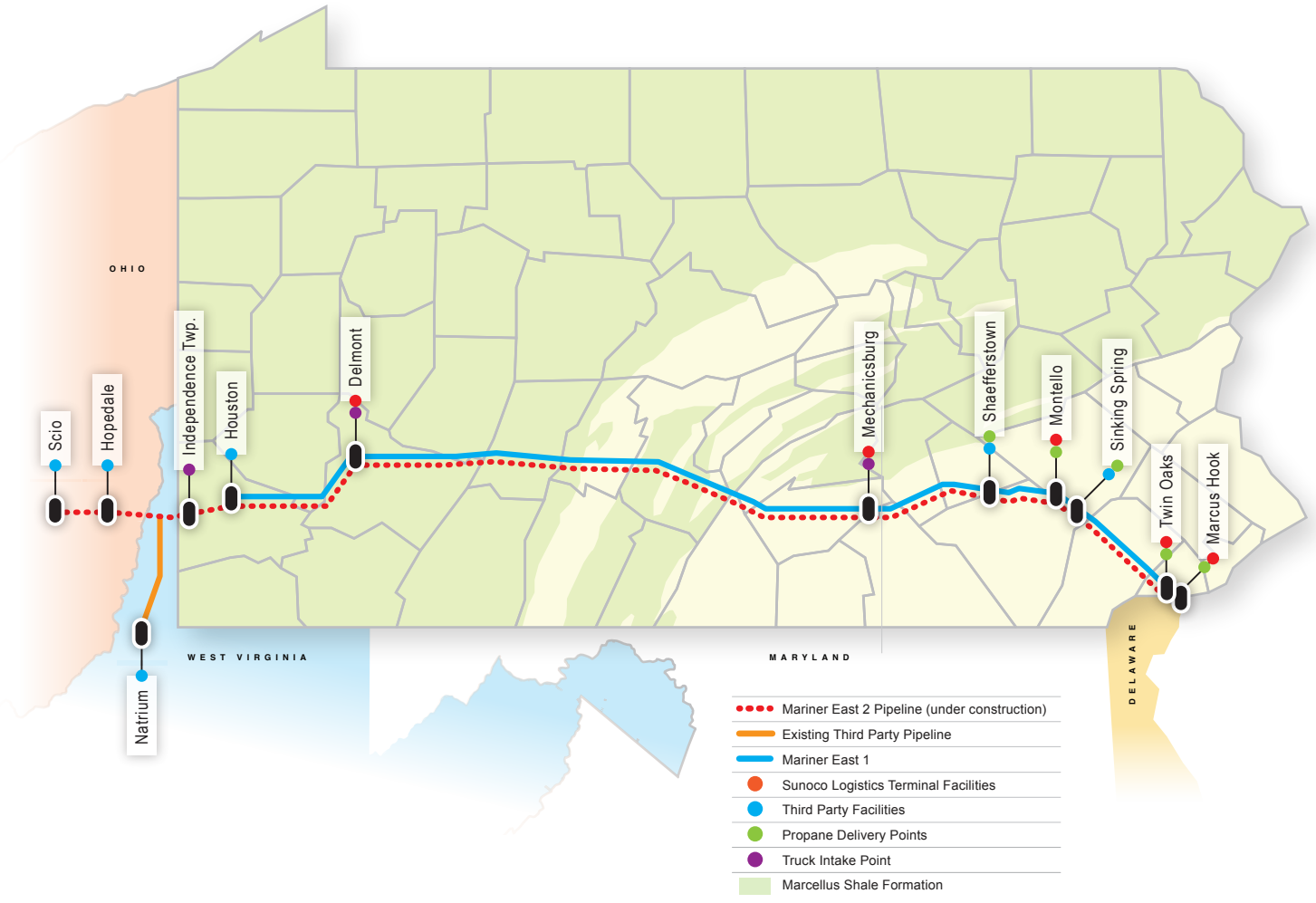

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