

# SUNOCO MARCUS HOOK INDUSTRIAL COMPLEX (MHIC)

## A PIPELINE TO NEW OPPORTUNITIES



### CASE STUDY

#### COMPANY

Sunoco Logistics Partners  
& Sunoco Inc.

#### FACILITY TYPE

Industrial Terminalling, Storage,  
Pipelines, and Transportation

#### IMPACT

\$2.5 billion in investment

### A Natural Gas Liquids Hub in Southeastern Pennsylvania

In early 2013, Sunoco Logistics Partners L.P. purchased the former Sunoco refinery. Pennsylvania's Governor's Action Team (GAT) worked with Sunoco and Sunoco Logistics to coordinate support for the repurposing of the Marcus Hook Industrial Complex (MHIC).

Sunoco Logistics has completed upgrades to the Mariner East 1 pipeline system and is in the process of permitting the Mariner East 2 pipeline to transport NGLs — propane, ethane, and butane — from Western Pennsylvania and surrounding areas to MHIC, where they can then be stored and shipped to domestic and international markets. Sunoco has committed \$2.5 billion to the 300-mile Mariner East pipeline network to transport NGLs to the MHIC.

The MHIC serves as an off-take outlet for the Mariner East 1 pipeline system and includes terminalling and storage assets, with a capacity of approximately 3 million barrels of natural gas liquid (NGL) storage capacity in underground caverns, and related commercial agreements.

The first export shipment of Marcellus Shale ethane — carrying 173,000 barrels of ethane that had been delivered to the MHIC from Western Pennsylvania through the Mariner East 1 pipeline — set sail in March 2016 from MHIC terminal to a petrochemical plant in Norway.

### Regional Development Impact

MHIC is part of a proposed complex of pipelines, terminals, refineries, and petrochemical plants that is serving as a catalyst in the Philadelphia region for the processing and transportation of a range of petroleum products. The company is considering adding another pipeline to the plan, and eventually, it hopes to build a propane cracker — a facility that would take propane and make propylene, building blocks of modern textiles and plastics.

*“The opening of the Mariner East pipeline represents a vital first step in redirecting Pennsylvania’s abundant natural gas liquids to critical markets here at home. Sunoco Logistics is making a \$3 billion investment in Pennsylvania’s energy economy by keeping Marcellus Shale resources for manufacturing right here in Pennsylvania, rather than sending this business, revenue and jobs to other states.*”

*The long-term impact from operation of this pipeline is an estimated \$100 million to \$150 million influx into Pennsylvania’s economy.”*

Governor Tom Wolf