

# Petrochemical

Eastern and Southern Ohio | A Rare Mix of Assets

## Abundant Natural Gas for Feedstock, Power Generation and Fueling Manufacturing

Eastern Ohio is a prime location for manufacturers, energy producers and petrochemical companies that consume natural gas or natural gas liquids (NGLs) for fuel or feedstock. Over \$30 billion in capital investment tied to shale has been announced in Ohio.

Since 2012, 85 percent of natural gas production growth has come from the prolific Utica and Marcellus shales in western Pennsylvania, eastern Ohio and northern West Virginia.

### MARCELLUS AND UTICA SHALES

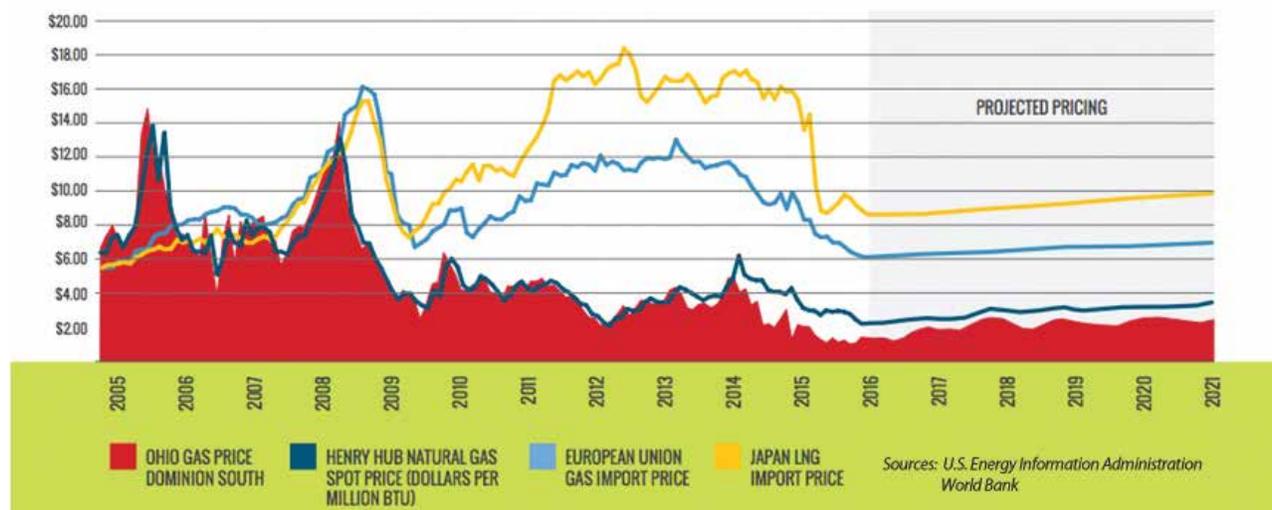
- Produce 23 billion cubic feet of natural gas per day, about one-third of U.S. production.
- Yield nearly 1 million barrels of NGLs a day.
- Served by a robust, growing network of interstate natural gas transmission pipelines.
- Four major NGL interstate pipelines built or under development.

### EASTERN OHIO'S ADVANTAGES

- Proximity to 10 natural gas processing plants and five fractionators.
- Established manufacturing in polymers, plastics and natural gas-fired power generation.
- Over 2,000 horizontal Utica shale wells drilled.
- NGL make up: 60% C2 Ethane; 22% C3 Propane; 11% C4 Butane; 7% C5+

**Sector Workforce.** The APEG region has more than 13,000 existing shale, petrochemical, power generation and support industry jobs, a concentration 69 percent above the national average. Sector wages are 13 percent below the national average.

### Skyrocketing Shale Reserves Make Ohio Shale Price Advantaged Today and Well Into the Future



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## Manufacturing Grows Here

Manufacturing has deep roots in the APEG region – we still know how to make things.

One in seven adults in the region works in manufacturing. The pride that comes from making a quality product and the skills to do it have been passed down through many generations. Dedication to family and community means our skilled workforce is in place and committed.

**Review Available Sites and Buildings** at [apeg.com](http://apeg.com).

Sites ideal for high-energy manufacturing, polymer production or power generation.



**Harrison County Industrial Park**  
 Adjacent to MarkWest Cryogenic Processing Plant, 180 acres with access to Dominion and Rover natural gas transmission pipelines



**Yorkville (former steel mill)**  
 Ohio River access, rail access, 7 miles to Interstate 70, less than a mile from Ohio State Route 7

**Thriving in APEG** are 1,113 manufacturing companies including these in the petrochemical industry.

Logos displayed include: Carroll County Energy, Dominion Energy, Orion Engineered Carbons, PTT Global Chemical, AmSty, Mountaineer NGL Storage LLC, Altivia, Antero Resources, Ascent Resources, Kraton, BlueRacer Midstream, Solvay, Columbia Pipeline Group, Rice Energy, UEO, XTO Energy, MarkWest, Gulfport Energy, and Chesapeake Energy.

