



Shell in Pennsylvania

State profile
February 2024

Keystone state a cornerstone of Shell USA's chemical business

In Pennsylvania, Shell operates its polyethylene facility with state-of-the-art technology that processes ethane from shale gas. Its completion is a credit to the grit and determination of the Rust Belt workforce, including some 9,500 skilled construction workers who were on site at peak construction.

Located approximately 30 miles north of Pittsburgh, the site and employees are proud to be members of the community, working hard alongside their neighbors to protect the places they live. At full capacity, the plant (now known as Shell Polymers Monaca) can produce over 1.6 million tonnes of polyethylene, which will be used to create many products consumers use each day, including food packaging, containers, piping and other household goods.



Respecting Nature



Home improvements for wildlife

In Pennsylvania and across the Appalachia region, wildlife depends on the land and water for its sustenance. But waterways in the state's northwest are threatened by excessive sedimentation, while forests across Pennsylvania face a set of risks related to their lack of age class diversity.

Shell is working with conservation partners to reduce sedimentation by funding streamside buffers for sediment control.

The company is also supporting efforts to diversify nearly 600 acres of Pennsylvania forest. With matching contributions, these and other projects in Appalachia represent a \$3.7 million investment in strengthening forest and freshwater habitats for fish and wildlife.



Powering Lives



Supporting diverse suppliers

The energy transition must aim to include everybody. Companies can help by enabling under-represented and small businesses to share the benefits of creating the future energy system. In 2023, Shell Polymers Monaca invited over 50 contractors from diverse backgrounds to an engagement session discussing opportunities to work with the plant or as a subcontractor for one of the plant's suppliers. Participants were eager to partner with Shell and help strengthen Western Pennsylvania's economy. Events like this support Shell's ambition to increase spend with small and diverse suppliers.



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Social investment



2022 (\$)

Environment	27,000
Community Development	90,000
Education	85,000
TOTAL	202,000

Taxes, royalties and fees¹



2022 (\$)

Income Tax ('21)	4,452,944
Motor Fuels Tax	12,746,363
Sales and Use Tax	3,390,698
Property Tax	957,635
TOTAL¹	21,547,640

Staff counts



2022

Employees	447
Retirees	891

Chemicals and Products

Petrochemicals

- Shell Polymers Monaca uses locally sourced ethane from the Marcellus and Utica formations to create polyethylene
- The facility includes:
 - An ethane cracker
 - Three polyethylene units
 - Co-generation and cooling water facilities
 - Industrial water treatment
 - Logistics
 - Buildings, storage and warehouses
- Shell Polymers Monaca is the most digitalized plant in Shell's global portfolio, utilizing a number of tools to visualize data, streamline and simplify processes, and improve safety
- Excess electricity produced from the on-site generation facility is sold for distribution into the local grid – enough to power 52,000 homes
- Shell Polymers Monaca has an important role to play in Shell's future, as polyethylene is expected to remain the largest growth chemical globally

- Polyethylene is one of the most versatile and widely used plastics in the world, used in products that make our everyday lives possible in many ways. It's the packaging keeping your produce and meat fresh and safe, it's the ice chest keeping your drinks cold or your soup hot, it's the pipes carrying gas and water to and from your home

Partnerships

- Contributed toward the creation of an Environmental Education Center in Beaver County addressing renewable energy, recycling education, water management, and land conservation
- Partnered on development of road surface derived from hard-to-recycle plastics
- Recycled material-based asphalt used for all permanent road paving on site (five miles of road, plus parking lots)
- Collaborating with cross-business, NGO and government bodies on how to drive a plastic circular economy
- Partnering with Beaver County in the launch of school-based recycling programs and funding a full-time recycling expert to help residents sort material at the recycling center
- Invested in Beaver County Community College to develop a curriculum through the Shell Center for Process Technology

Mobility and Supply

Shell-branded retail stations

- 100+ retail stations

Jiffy Lube®

- 53 locations providing oil changes, tire rotations and other preventive vehicle maintenance²

Pipelines

- The Falcon Ethane Pipeline System, owned and operated by Shell Pipeline Company, transports locally sourced ethane from Marcellus and Utica shale to Shell's petrochemical project. The 97.5-mile common carrier ethane supply pipeline crosses Pennsylvania, Ohio, and West Virginia:
 - Pennsylvania: 45.4 miles
 - Ohio: 43.4 miles
 - West Virginia: 8.7 miles

¹ Paid or collected for the state. Various state tax credits are available for use in determining net state tax liability before applicable credits.

² Headquartered in Houston, Texas, Jiffy Lube® International, Inc. is a wholly owned, indirect subsidiary of Shell USA, Inc.

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Most information contained in this information sheet is current as of February 2024. Certain numbers in this material are rounded.

