

Detroit Refinery Sustainability Highlights

At the Marathon Petroleum Corporation (MPC) Detroit refinery, our commitment to sustainability means taking actions that create shared value with our stakeholders — empowering people to achieve more, contributing to progress in our communities and protecting the environment we all share.

Detroit Refinery | Providing products that make lives better as we focus on sustainability

PROTECTING THE ENVIRONMENT

Reducing Greenhouse Gas Emissions — Progress Driven by Energy Efficiency

11% reduction of Scope 1 and 2 greenhouse gas emissions intensity from 2014 to 2022

Reduced electricity use equal to powering 5,000 Detroit homes in one year

Upgraded insulation that conserved the same amount of energy needed to heat 3,000 Detroit homes

Minimized steam released to atmosphere, reducing energy usage enough to heat 2,000 Detroit homes

Upgraded industrial lighting to LED lights, saving enough electricity to power 65 Detroit homes

Improving Air Quality

68% reduction of criteria pollutant emissions over the past 20 years

Conserving Water

281+ million gallons of freshwater recycled in 2022

Wildlife Habitat

2.9 acres of certified wildlife habitat

INVESTING IN THE COMMUNITY



2022 Community Investment Snapshot

$750K+ invested in the Detroit community by MPC and our employees

80+ nonprofits supported

2,600+ employee volunteer hours by Detroit employees

Thriving Communities

$200,000 contributed to Habitat for Humanity with goals to:

- Complete critical home repairs for community members in need in the 48217 community
- Support community beautification projects and greenspace initiatives

$200,000 invested in Kemeny Recreation Center with goals to:

- Activate community space with events that help meet community needs, while providing entertainment for local families
- Provide after school and summer programming for local youth through partnership with Detroit Police Athletic League

Workforce Development

$100,000+ invested in workforce development Programming with goals to:

- Increase local youth interest in refining careers
- Equip young adults with soft skills needed to gain and maintain employment
- Support youth in higher education

Sustainability

$20,000 contributed to Friends of the Rouge Fort Street Bridge Park

- Support the creation of a 29-mile water trail on the Lower Rouge River that includes a universally accessible kayak launch

Detroit Refinery at a Glance



Located in southwest Detroit, the refinery is a major producer of high-quality fuels. It processes sweet and heavy sour crude oils. Manufactured products are shipped via pipeline, transport truck, rail and barge.

Products Manufactured:

- Asphalt
- Ultra low-sulfur gasoline
- Ultra low-sulfur distillates
- Fuel-grade coke
- Chemical-grade propylene
- Propane
- Slurry

500+ employees

140,000+ barrels per calendar day of crude oil refining capacity

Awards and Recognitions



American Fuel & Petrochemical Manufacturer (AFPM) Awards

Awarded the 2020 Elite Gold Safety Award and 2021 Safety Innovation Award by American Fuel & Petrochemical Manufacturers



U.S. EPA ENERGY STAR® Certification

Awarded for top quartile energy performance in given refinery class along with top environmental performance

Awarded 7 years



Michigan Voluntary Protection Program Star Certification

Achieved the Michigan Voluntary Protection Program Star Certification and Award from the Michigan Occupational Safety and Health Administration

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Scan the QR code to view our full **Sustainability Report** or visit marathonpetroleum.com/sustainability

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