Baytown Area

Company Profile 2022

The ExxonMobil Baytown Complex is one of the largest integrated and most technologically advanced petroleum and petrochemical complexes in the world. Founded in 1919, ExxonMobil's Baytown, Texas complex is located on approximately 3,400 acres along the Houston Ship Channel, about 25 miles east of Houston.

The Baytown area is comprised of four manufacturing sites, including one in nearby Mont Belvieu, and the Chemical Company's Technology and Engineering complex. These include:

- Baytown Refinery, Manager Rohan Davis
- Baytown Chemical Plant, Site Manager Wim Blokker
- Baytown Olefins Plant, Manager Kate Lightfoot
- Baytown Technology and Engineering Complex, Site Manager Venkatesh Vasudevan
- Mont Belvieu Plastics Plant, Manager Kerri Reyer

EMPLOYEES

The Baytown area facilities are staffed by approximately 3,300 ExxonMobil employees and 6,700 contract personnel, who manage the businesses and operate and maintain the manufacturing facilities on a 24-hour, year-round basis.

TAXES

Annual taxes (property, city, county, school and college) are approximately $104.3 million.

BAYTOWN REFINERY

The Baytown Refinery is the third largest refinery in the United States, with a crude oil capacity of 584,000 barrels per day. The Baytown Refinery is a maximum conversion refinery and has the flexibility to process heavy, high-sulfur and high-metal crudes into a full range of petroleum products, including LPG, motor gasoline, jet and diesel fuels and carbon coke.

It is also one of the largest lube basestock plants in the world and produces products such as lube oils, waxes, fluids and specialties in various blends and grades.

The Baytown Refinery is fully integrated with the Chemical and Olefins plants and is a major source of petrochemical feedstocks for these plants.

BAYTOWN CHEMICAL PLANT

The Baytown Chemical Plan (BTCP) has the capacity to produce more than nine billion pounds of petrochemical products each year, supporting six ExxonMobil Chemical Company business lines.

The Aromatics train produces paraxylene, benzene and heavy aromatic fluids for use in applications such as polyester fabrics, food packaging and agricultural chemicals.

The Olefins units produce propylene, syngas and C4-C5 olefins products, which are consumed within BTCP, by other ExxonMobil plants and by third parties.

Propylene is converted to high-performance Polypropylene products, which are used in diverse products such as auto battery cases, auto interior and trim components, carpet fibers, molded goods, packaging, appliance parts and diapers/hygiene.

The Butyl Polymers section converts olefins into butyl rubber, bromobutyl and Exxpro products, which go into tire inner tubes, other tire components, pharmaceutical and other end uses.

The Synthetics section produces metallocene polyalphaolefins for use in finished industrial, automotive and gear oil applications.

BAYTOWN OLEFINS PLANT

The Baytown Olefins Plant is located on a 370-acre tract adjacent to the Baytown Refinery and Chemical Plant. The plant produces ten billion pounds of the world's most widely used primary petrochemicals -- ethylene, propylene and butadiene -- and is feedstock flexible. It is one of the largest ethylene plants in the world.

Baytown Olefins Plant also houses most of the cogeneration facilities that produce all of the power and steam required to operate the ExxonMobil Baytown complex. Total cogeneration capacity is approximately 550 megawatts.

MONT BELVIEU PLASTICS PLANT

The Mont Belvieu Plastics Plant is located on 500 acres in Chambers County, northeast of the Baytown Complex, and specializes in the production of polyethylene.

The Plastics Plant utilizes the latest technology in processing and catalysis to produce linear low-density and high-density polyethylene products for use in film applications including food packaging, liquid packaging, heavy duty sacks, stretch and shrink films for bundling, hygiene films, trash bags, industrial liners, agricultural films, grocery bags, can liners, pipe and various blow-molded rigid containers.

BAYTOWN TECHNOLOGY & ENGINEERING COMPLEX

The Baytown Technology and Engineering Complex (BTEC) is ExxonMobil Chemical's primary global technology center. It provides research and development support to all ExxonMobil Chemical's global business groups.

The site sits within the larger ExxonMobil Baytown complex, and includes two facilities -- referred to as BTEC-East and BTEC-West -- with 740,000 square feet of space for laboratories, offices, product and applications testing and pilot plant operations.

BTEC-East houses employees who provide research and development, and technical support to the company's global Olefins Aromatics, Intermediates, Synthetics, Catalyst and Licensing business groups.

BTEC-West serves as the major research and development facility for ExxonMobil Chemical's worldwide Polymers business, with a focus on polyolefins and elastomers products, and catalysis research for the plastics industry.

SUSTAINABILITY

- ExxonMobil is building its first, large-scale plastic waste advanced recycling facility in Baytown, Texas. Upon completion, the operation in Baytown will be among North America's largest plastic waste recycling facilities and will have an initial planned capacity to recycle 30,000 metric tons of plastic waste per year.
- A smaller, temporary facility is already operational and producing commercial volumes of certified circular polymers. ExxonMobil recently completed its first commercial sale of certified circular polymers using its ExxtendTM advanced recycling technology, which helps expand the expand the range of plastic materials that society recycles, while maintaining the performance of products over multiple recycling loops.
- ExxonMobil Baytown is planning a hydrogen production plant and one of the world's largest carbon capture and storage projects in Baytown, Texas, supporting effort to reduce emissions from company operations and local industry.
- The proposed hydrogen facility would produce up to 1 billion cubic feet per day of "blue" hydrogen, which is an industry term for hydrogen produced from natural gas and supported by carbon capture and storage. The carbon capture infrastructure for this project would have the capacity to transport and store up to 10 million metric tons of CO_2 per year, more than doubling ExxonMobil's current capacity.
- Using hydrogen as a fuel at the Baytown Olefins Plant could reduce the integrated complex's Scope 1 and 2 CO_2 emissions by up to 30%.