

Geismar, LA Olefins Facility

May 2018

In 2017, NOVA Chemicals acquired ownership interest in the Geismar Olefins Facility located about 21 miles (34 kilometres [km]) south of Baton Rouge and 60 miles (97 km) west of New Orleans (within both Iberville and Ascension Parishes). We also acquired about 525 acres (212 hectares) of undeveloped land adjacent to the plant and operate the NOVA Ethylene Hub, the primary transaction point for ethylene in the U.S. Gulf Coast.



The Geismar Olefins Facility was a finalist for the Louisiana Chemical Association (LCA) Serious About Fostering Excellence (SAFE) Award for Best in Louisiana based on 2016 performance. SAFE is a voluntary LCA program designed to help members evaluate, monitor and improve both process and personnel safety as well as environmental performance.

Facility Overview

The Geismar Facility started operations in 1967. Today it annually produces approximately **1.95 billion pounds of ethylene** and **114 million pounds of polymer grade propylene** and various co-products. The team of about **130 employees** are responsible for operating the jointly owned plant (88.5% NOVA Chemicals and 11.5% SABIC) and delivery of olefin products by pipeline, barge and rail.

The facility's location in the U.S. Gulf Coast region, the largest refining and petrochemical production hub in North America, along with its riverfront access and adjacent 525 acres of undeveloped land represent **a significant opportunity and options related to NOVA Chemicals' future growth plans.**

NOVA Chemicals develops and manufactures chemicals and plastic resins that make everyday life healthier, easier and safer.



Our customers make products like food packaging, collation shrink, heavy duty sacks, trash bags and liners and stretch film. Our employees work to ensure health, safety, security and environmental stewardship through our commitment to sustainability and Responsible Care®.

NOVA Chemicals, headquartered in Calgary, Alberta, Canada, is wholly-owned ultimately by Mubadala Investment Company of the Emirate of Abu Dhabi, United Arab Emirates.



The Geismar Facility represents a key component of NOVA Chemicals' growth strategy — expansion into the U.S. Gulf Coast.

Geismar Facility in The Community

A Snapshot of Our Economic Impacts *(All amounts in USD)*



- Annual company payroll of **\$16 million**
- Annual contractor payroll of **\$10.5 million**



- **\$18.2 million** paid annually in local and state taxes
- Capital investment* of **\$450 million** for 2013 expansion
- **>\$140 million** purchased from Louisiana vendors (2016)

**Williams capital investment*

Community Involvement and Investment

We believe stakeholder engagement and community involvement are important aspects of doing business. We aspire to be a socially responsible neighbor and participate in numerous organizations:

- Iberville and Ascension Community Advisory Panels
- Geismar Area Mutual Aid (GAMA)
- Iberville and Ascension Community Awareness Emergency Response (CAER)
- Louisiana Chemical Association (LCA) and Industry Alliance trade associations



Through our community investment program we support a variety of community agencies and programs, not only through financial contributions, but also through employee engagement. One example is our support for the Corporate Cup event, an annual run/walk where thousands of participants in the Baton Rouge area come together to celebrate corporate wellness, camaraderie and community fellowship. This year our employees participated in our Geismar Ethylene Machine Team with funds raised being directed to the Mid City Redevelopment Alliance and The Big Buddy Program.



As a science and technology-based company, education is a core focus for us. We recently hosted a group of Process Technology students for a plant tour and Q/A session. This activity complements recent collaboration with other East Iberville Industry Neighbor companies to create a new Process Technology (PTEC) scholarship.

The Geismar facility was proud to participate in NOVA Chemicals'



annual United Way Campaign. United Way is our Charity of Choice and with the generosity of our employees our fundraising campaigns collectively raised \$302,700 for Baton Rouge and other United Way communities where we have U.S. operations.

We are a Responsible Care company

We are committed to Responsible Care and sustainability in our daily operations as well as our future growth. As part of this commitment, community outreach is important to us. We make concerted efforts to understand and respond to concerns and seek input about our plans and operations through public consultation and communication.



RESPONSIBLE CARE®
OUR COMMITMENT TO SUSTAINABILITY

Taking Care in all that we do

Society has high expectations of our industry and our products, as do we at NOVA Chemicals. We apply lifecycle management to our decisions and actions to ensure we take care of people, communities and the environment throughout our value chain. We continue to integrate our Taking Care framework into every aspect of our operations by including sustainability factors in business, project and product plans, strategies, decision criteria and goals.

To see our Sustainability Report, please visit www.novachemicals.com under Responsible Care & Sustainability.



Operations



Communities



Products



Environment

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