



2023 Sustainability Report

Our progress, our successes,
and the people who make it possible.



**GULF COAST
GROWTH VENTURES**
An ExxonMobil and SABIC joint venture

GCGV: Who we are & how we stand apart

Gulf Coast Growth Ventures is a world-class petrochemical facility producing polymers and polymer raw materials that make high performance, everyday products for society. Intentionally designed with state-of-the-art technology and constructed with integrity, GCGV was

strategically planned and built with tomorrow in mind – modern, safe and responsible. As demonstrated in this report, our employees are constantly innovating to improve safety, efficiency and productivity so that we can continue to be a good neighbor and a responsible operator.



Our approach to sustainability, an introduction from GCGV President and Site Manager Paul Fritsch

"As part of the Coastal Bend community, GCGV and the good people who work here are committed to engaging with our neighbors to implement sustainable programs based on local needs. We truly care about protecting our shared environment and enhancing quality of life across the region to ensure the Coastal Bend remains a desirable place to live. Whether we are identifying ways to increase site and resource efficiency or contributing to on-site recycling efforts, here at GCGV, we're constantly seeking new opportunities to incorporate sustainability into how we operate.

The pillars of our Good Neighbor Program have defined our approach to sustainability and guided our investment in specific focus areas that allow us to make a positive impact in the community and meet the needs of modern society.



Paul Fritsch,
GCGV President & Site Manager

Since beginning construction, GCGV has released an annual community report to share how we're interacting with our neighbors and how our commitments have been brought to life through volunteerism, contributions and strategic partnerships.

As we complete a second successful year of operations, we're excited to share with you how we're making a difference both on and off site for the betterment of our environment, our employees and the communities in which we live and operate for a sustainable future."



Environmental Stewardship

What makes our facility world class?
A constant push to be better.

From our shareholders to our site leadership, to our individual employees, we truly want to be good stewards of our environment. We're constantly thinking about how we can operate cleaner and greener, and how we can do it responsibly and transparently. In 2023, we made some significant progress in these efforts.

Gregory-Portland Air Monitoring Program

For the benefit of our Gregory-Portland community, GCGV and Cheniere Energy funded the Gregory-Portland Air Monitoring Program – the only program of its kind in Texas.

After nearly four years of continuous air monitoring since 2020, at three locations in Portland and Gregory, data show that air quality standards set by federal and state agencies continue to be met while local industrial sites operate at full capacity. **In fact, 2023 data analyzed by University of Texas at Austin shows air quality in the area is excellent.** For a more in-depth analysis, visit: www.gpair.ceer.utexas.edu

“We're very happy to report to the community that we've seen **very little to no change in the air quality** during the past four years of our monitoring operation.”

Vincent Torres, Associate Director at
UT Austin Center for Energy & Environmental Resources







Advancing climate solutions

Lightsource bp's Project Peacock is an industry-leading, utility-scale solar farm that will provide renewable solar power to the GCGV site.

One of the most exciting initiatives announced in 2023, this solar project is a win for our facility, the community and the environment. To incorporate solar energy into an industrial site like ours is a rarity, and this project is the first of its kind implemented at a U.S. petrochemical complex.

Owned and operated by Lightsource bp with power supplied to GCGV under a long-term contract, **the agreement will play a significant role in reducing GHG emissions from the facility's operations.**

Scheduled for startup in the second half of 2024, the bp Peacock solar project at full capacity is expected to:

-  Power 100% of the GCGV facility at full capacity
-  Provide 40% of the site's total power annually and reduce total greenhouse gas emissions by 6%
-  Reduce the site's dependence on the energy grid and improve community power stations
-  Generate enough renewable power to mitigate more than 256,000 tonnes/year of greenhouse gas emissions, or the equivalent of about 55,000 gasoline-powered cars



“I've had a lot of great experiences from a career and project perspective but being able to take my experiences and lead this project on the GCGV side, especially as a graduate of Gregory-Portland High School, is really cool to see.”

Patrick Dooley, GCGV Electrical Engineer & Project Lead

The solar farm will have a resident shepherd and a flock of sheep grazing at the site to keep the farmland fertile, a practice known as agrivoltaics!

The land under the solar panels will be maintained and kept fertile by planting vegetation, including native plant species beneficial to pollinators and other wildlife.



Returning 100% of condensate from steam generation back into our systems

Recycling and reusing water on site 3-4 times on average

“I’m part of a team that strives every day to improve what is already an engineering marvel. There is not anything added to this facility that doesn’t add value, and water conservation was a top priority in the facility design.”

Jackie Curry, GCGV Utilities & Energy Coordinator

Maximizing and conserving resources

Resources are precious, which is why our facility was strategically designed and constructed with efficiencies, particularly in the ability to recycle and maximize water usage in our cooling water and steam systems.

GCGV follows a robust water conservation plan that focuses on:
1) minimizing our first-pass water use, or base water use, and
2) maximizing our ability to cycle up, or reuse and recycle it.

Over the past two years of commercial operations, these methods have proven extremely successful. We continuously outperform on water conservation. **Because of this success in 2023, we are in the position to voluntarily reduce our contracted water limit with the city.**

We know how precious water is in this area, which is why we’re actively dedicating resources and brainpower to seek out new water conservation opportunities that are feasible for our processes.

Minimizing operational waste

At GCGV, we make polymers and polymer raw materials to enhance products people use every day. Minimizing operational waste remains a priority and our facility features world-class technology to ensure zero discharge of pellets from our process. In 2023, GCGV:

- Reduced operational waste by 50% compared with the previous year
- Reduced flaring by 50% compared with the previous year
- Emitted less than 50% of permitted criteria emissions quantities



Operation Clean Sweep: Best-in-class containment

Our innovative pellet containment system is unique with extensive controls in place, including pellet interceptors at the site outfalls, interior unit collection systems, and pellet handling enclosures preventing pellets from entering the marine ecosystem. **We’ve been extremely successful in implementing these systems and have maintained a zero-discharge record since beginning operations.**

Efforts to minimize operational waste don’t stop at our units. Our Sustainability Team regularly plans and executes programs on site and in the community aimed at reducing waste, recycling, and overall caring for our environment.

In 2023, GCGV:



Donated and recycled 18 large 66-quart totes of flame retardant clothing, the first clothing drive of its kind in the Coastal Bend



Contributed to the collection and recycling of 564 pounds of used cigarette filters since 2022 to be recycled into plastic lumber



Collected and recycled approximately 16,000 earplugs and other personal protective equipment (PPE)

Removed 40 tons of trash from 32 miles of beach with the Big Shell Beach Clean Up



“We’re also proud of our little wins. We execute sustainability programs on site as often as we can, and we’re always looking for ways we can reduce, reuse and recycle.”

Sandy Rodriguez, GCGV Multimedia Advisor, Site Environmental Team Member and TAMU-CC graduate

Health & Safety

Safety is a core value at GCGV. We maintain a highly experienced team and a suite of resources to ensure we are the safest facility we can possibly be.

Leading in personnel safety

The GCGV Health and Safety Team supports each of the business teams to first understand the details of how work is executed in the field and then provide guidance and best practices on safety standards. GCGV also implements programs to ensure our employees go home the same way they came to work, including regular medical reviews, PPE assessments, HAZMAT training, first aid training and CPR certifications.

“We aren’t content with being best in class. We want to be better.”

Michael Vaughan, GCGV Safety, Security, Health & Environmental Manager and Coastal Bend Bays Foundation Trustee

Prioritizing emergency preparedness

We aim to go the extra mile when it comes to emergency preparedness training by maintaining a robust and collaborative emergency response plan and making sure our team is certified at the highest level.



Certifying entire on-site emergency response team as industrial firefighters, a level beyond the industry standard

On-site state-of-the-art fire station equipped with an ambulance and multiple fire trucks

Full-time on-site fire chief leading regular safety training and equipment checks

Annual, live firefighter training at the Texas A&M Brayton Fire Field to practice realistic, large-scale scenarios

GCGV is also deeply involved in local emergency planning. We maintain regular communication with local first responders and local officials to keep them informed of the resources we have on site, as well as the detailed measures we’re taking to ensure we’re keeping our community and the environment safe.

In 2023, GCGV:



Coordinated with local industries to assess resources and provide support through Industrial Mutual Aid Group, an effort initiated by GCGV in 2020

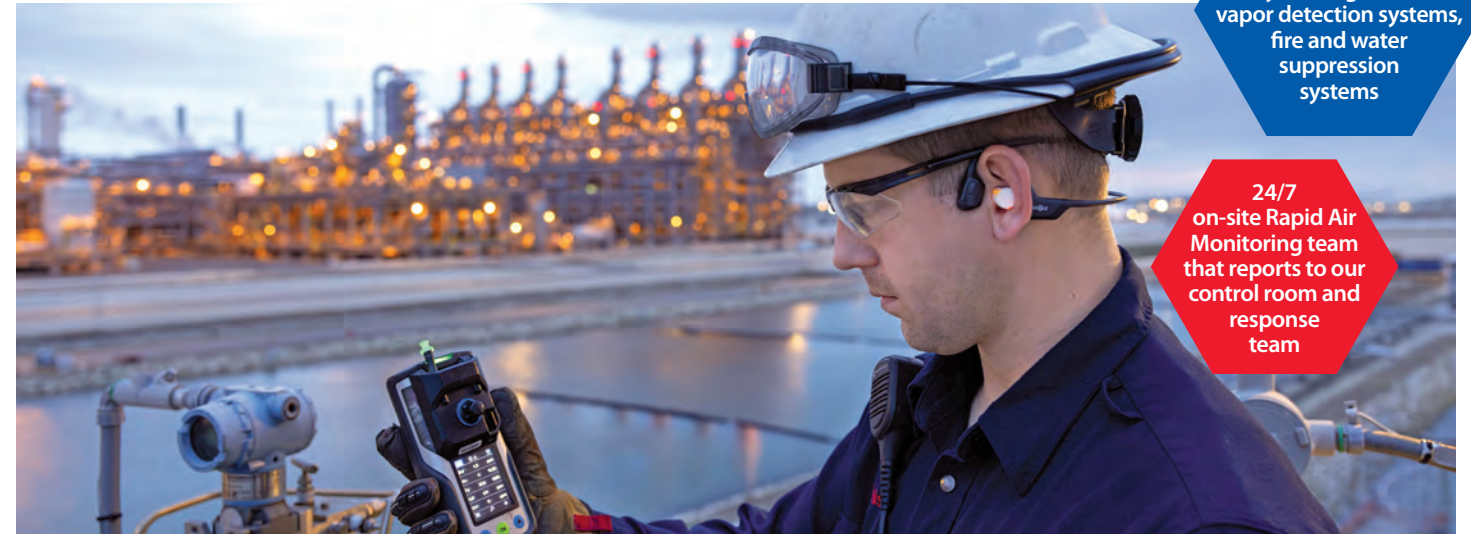


Leveraged emergency response experience to help coordinate Corpus Christi’s first Wildlife Response Drill with state agencies, local entities, and the Texas State Aquarium, a premier rehabilitation and rescue center

Leading in process safety

The GCGV facility was intentionally designed and built to include best-in-class systems. As technology continues to advance, our site teams are eager to assess how we can incorporate emerging innovations into our facility. **Due to process safety initiatives currently in place, as well as plans we have for 2024, GCGV is well-positioned to identify and address issues quickly at our site.**

Soon to be a trend in the industry, GCGV is also expanding its Optical Gas Imaging technology to include a drone program with thermal leak detection. This advancement allows site teams to rapidly detect vapors, identify sources and deploy responses.



Remote state-of-the-art accountability systems, gas and vapor detection systems, fire and water suppression systems

24/7 on-site Rapid Air Monitoring team that reports to our control room and response team



Quality of Life



At GCGV, we aim to enhance quality of life, generate economic growth and drive opportunities locally.

Delivering economic benefits



~ 600 current employees & contractors working on site



8 paid interns from initial class of the Process Technology Internship Program with Del Mar College

\$25+ million contributed in local taxes in 2023

Investing in local businesses

We strive for our facility to be representative of our community. In this effort, GCGV held three vendor recruitment events aimed at diversifying and localizing our vendors and supply chain. GCGV has made a full-hearted effort to make introductions, identify barriers, and determine how we can best do business together. In addition, the procurement team at GCGV is actively identifying ways to localize supply options, sustainably.



3 vendor recruitment events sponsored in 2023

\$11.5+ million spent locally in 2023, including minority- and women-owned businesses and small businesses



\$30.7+ million spent in 2023 with diverse businesses across the country, including minority- and women-owned businesses and small businesses



“The reason we have such a genuine connection with GCGV is because so many of their employees, particularly the upper management, live in Portland.”

Cathy Skurow, Mayor of Portland

Community investment and involvement

As members of the community, our employees are committed to making positive impacts where they and their families live.

GCGV hosts a number of volunteer events throughout the year and is committed to working with local charitable organizations and nonprofits. In 2023, GCGV and our employees gave back in the following ways:



1,000+ hours volunteering for important organizations and causes in our community through company-sponsored events

Contributed \$180,000 to the United Way of the Coastal Bend



In 2023, GCGV invested and participated in the following programs:



Participated in Manufacturing Day, an event hosted by Corpus Christi Regional Economic Development Corporation, bringing together students and industry professionals to discuss the variety of opportunities in industry



Sponsored the Corpus Christi Symphony Orchestra Youth Program, bringing classical music to local children to foster a love of music



Donated \$60,000 to the Harte Research Institute for the Gulf of Mexico

Education & Workforce Development

Investing in people

We are committed to helping prepare tomorrow's workforce – today. We invest in local high schools, colleges, and trade programs by providing school supplies and technology equipment, hosting STEM days, funding scholarships and more.

To date, GCGV has contributed:



\$1.5+ million to the GCGV Process Technology Lab at Del Mar



\$114,000+ in scholarships

\$100,000+ to the San Patricio Workforce Development Consortium



Sponsored This One's for the Gals, a nonprofit that aims to help girls in grades K-12 explore careers and workforce development opportunities in the construction, energy and manufacturing industries



Participated in Gregory-Portland ISD Engineering Day and provided a facility tour to ~100 students

“We build that pipeline of students and employees that can continue to reside here in Gregory-Portland, but then work here and raise their families.”

Michelle Cavazos, PhD, Superintendent, Gregory-Portland ISD



“The Coastal Bend is poised for a lot of growth, so it's imperative that we have a skilled workforce to operate in the community safely and sustainably.”

Justin McKenzie, GCGV Process Department Head



At GCGV, we're proud to have a world-class team that lives, works and raises families in the community in which we operate. Our accomplishments in 2023, both on site and in the community, wouldn't be possible without the dedication and hard work of every individual at our site.



We've come a long way in 2023, and this is only the beginning. Follow along to see what we're up to in 2024.

Keep up with GCGV in 2024

Visit us on the web: www.gcgv.com

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PO Box 367
Gregory, TX 78359-0367