



**PROJECT PROFILE**

## EPC + Fabrication for Gas-Treating Facility Upgrade

**CLIENT:** Natural Gas Infrastructure Operator

**LOCATION:** Carthage, Texas

As a turnkey **engineering, procurement, construction (EPC)**, and **fabrication** services provider, Audubon was selected to execute a comprehensive design-build solution for a gas-treating facility in East Texas. Audubon enhanced the facility's capacity for amine treatment, dehydration, and compression to support increased natural gas production.


Audubon's team led the front-end engineering and design (FEED) and detailed engineering phases, developing designs for critical systems including an advanced amine treatment unit, a triethylene glycol (TEG) dehydration system, and a sales gas compressor.

Using a modular fabrication approach, **Opero Energy** assembled the pipe rack. Construction services focused on civil foundations, underground electrical, and underground piping to support these systems and ensure a streamlined build process.

### Project overview

- › Amine treating
- › TEG dehydration
- › Sales gas compression
- › Balance-of-plant

### Scope of work

- › FEED
  - › Detailed engineering + design
  - › Procurement
  - › Fabrication
  - › Construction
- 



Audubon's EPC team also managed balance-of-plant activities and enacted strict [safety](#) and quality compliance.

After the engineering and construction solutions delivered by Audubon, the plant's natural gas meets the stringent quality specifications required for sale. The expansion by Audubon supports our client's initiatives for reliability and diversification of energy infrastructure along the Gulf Coast.

*"The gas-treating facility project in Carthage is a prime example of Audubon's full EPFC capabilities. In collaboration with Opero Energy, we successfully delivered the complete design-build solution for our client—on time and in budget—and ensured sales-quality product."*

**Brad Currier**  
Director of Construction  
Audubon