

PROJECT PROFILE

MONT BELVIEU BENZENE SATURATION UNIT



Client: **TARGA RESOURCES** | Location: **MONT BELVIEU, TEXAS**

Audubon was enlisted by [Targa Resources](#) for [detailed engineering and design](#), [procurement](#), [project management](#), [construction](#), and [automation and control](#) of a benzene saturation unit at its facility in East Texas. The brownfield facility expansion serves the company's network of integrated gathering pipelines and processing plants across Texas and Louisiana.

To meet specifications, the benzene saturation unit was designed to hydrogenate low-sulfur natural gas and convert benzene to cyclohexane. Audubon's services ensured integration with other plant utilities, including flare, drain, power, and instrument air. The robust solutions provided to Targa Resources allowed for regulatory compliance and effective benzene reduction.

Project Overview

- Brownfield expansion
- Benzene saturation
- Fractionation
- Absorption & product treatment
- Reactor design
- Product transfer pumps & metering
- Plant utility integration

Scope of Work

- Front-end engineering & design (FEED)
- Detailed engineering & design
- Project management
- Procurement
- Construction
- Automation & control
- Process safety analysis

