

PROJECT PROFILE

Bull Moose Amine Treatment

CLIENT: Targa Resources

LOCATION: Winkler County, Texas

Targa Resources contracted Opero Energy to address sour gas at the Bull Moose gas-processing facility in Winkler County, Texas. A custom-designed amine-treating unit was required to remove contaminants such as CO₂ and H₂S, including a complete gas-treating train and amine regeneration system.

The Opero Energy team engineered, designed, and fabricated a complete modular gas-treating train and custom amine regeneration system, including efficient management of long-lead equipment to treat 850 MMscf/d of sour gas. The skid-mounted modular design integrated a 2,400-gal/min amine circulation system and accounted for a future expansion to accommodate up to 4,800-gal/min circulation. Our team was also engaged by Targa Resources for onsite commissioning support for the equipment.

Project overview

- › 2,400-gal/min amine circulation
- › 4,800-gal/min expansion potential
- › 850-MMscf/d gas treatment
- › 125-MMBtu/hr heating

Scope of work

- › Engineering + design
- › Procurement
- › Fabrication
- › Commissioning support





“Our approach at Opero Energy focuses on quality and timely project execution, even when faced with challenges. In collaborating with Targa, we generated a custom solution to sweeten the sour gas at Bull Moose and ensured successful operational transition with onsite commissioning support.”

Thomas Guillot

Senior Project Manager
Opero Energy

