

# ROCKIES EXPRESS PIPELINE AUTOMATION



**PROJECT:** Rockies Express Pipeline

**CLIENT:** Kinder Morgan

**LOCATION:** Colorado, Nebraska, Wyoming, Kansas, Missouri, Illinois, Indiana and Ohio

**SERVICES:** Compression Automation Programming Standards and Commissioning

## DESCRIPTION

River Consulting was part of the project team selected to develop, program and commission multiple natural gas compressor stations and units for the Rockies Express Pipeline.

A key part of River Consulting's role was to develop and implement industry standard automation control systems and software for the pipeline stations and units.

River Consulting's staff worked to improve the efficiency of the natural gas compressor station and unit automation projects. Utilizing in-house simulations and Factory Acceptance Tests (F.A.T.) on programming software and panels, the project team was able to eliminate potential problems that could occur during/after installation and accelerate project momentum.

The automation standards facilitates ease of operations so personnel are familiar with station controls and programs from one station to the next.

## PRINCIPAL FEATURES

- Development of programming standards for one of the largest natural gas pipelines in America
- Improved efficiency of stations and units
- In-house simulation and Factory Acceptance Testing
- Implementation of industry standard automation control systems and software
- Automated eight stations and 26 units

"River has been a valuable part of our compressor station automation team on the Rockies Express pipeline. We have been very pleased with the quality of the work they did for us. River has proven to be one of our most reliable and dependable automation suppliers. They will be doing a lot more work for us in the future."

**Brent Hansen, Engineering Manager**  
*Kinder Morgan Rockies Express Pipeline*