



PLC —
CONSTRUCTION
— **inc**

Gas Plant Controls System

Project Experience: Engineering & Design
Automation & Controls, RTAC Design and
Commissioning Services



Client: Energy Company
Location: Mentone, Texas
Industry: Oil & Gas
Project Duration: 2023 – 2025+



PLC produced a full documentation package including items, such as:

- Development of DCS Panel Drawings
- Control Narrative/I/O List and C&E
- RTAC and Control system graphics development and configuration
- Commissioning Procedures

Choose PLC for Engineering Excellence, Operational Excellence, and a Partnership that will last a lifetime.

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Next Level Engineering Solutions & Lifecycle Support

Project Overview

PLC proudly supported this gas plant project located in the heart of the Delaware Basin. This project included the design and integration of an RTAC based Power Management System, plant automation, and complete control system engineering from concept through commissioning and start-up.

PLC provided full engineering & commissioning delivered a full integrated, reliable control system that supports plant operations, communication across devices, and enhances long-term operability.

This project also includes comprehensive services- from administrative planning to engineering design support and full plant commissioning – ensuring all systems are validated optimized and ready for operations.

Highlighted Scope of Work

PLC developed a robust schedule and execution plan for this project. The scope included RTAC Engineering & Configuration, Control System Engineering, and Commissioning Services, the following are a few examples of PLC's deliverables:

- Development of HMI screens
- Integration with SEL and non-SEL third-party equipment
- P&ID loop list and full I/O list
- System Architecture diagrams
- NJB (Network Junction Box) layouts and wiring
- Control system computer hardware setup & installation
- DCS/RTAC configuration, loading, setup, & testing
- Loop checks and Cause & Effect (C&E) functional testing
- On-Site vendor coordination for automated related systems
- Software backup collection & archival
- Operations start-up support and training where required

PLC Construction Inc. is committed to delivering technically sound, schedule-driven, and quality-focused solutions. With our experienced engineering team, proven specialists, and unmatched dedication to reliability, PLC is the ideal partner to ensure your project is a success.