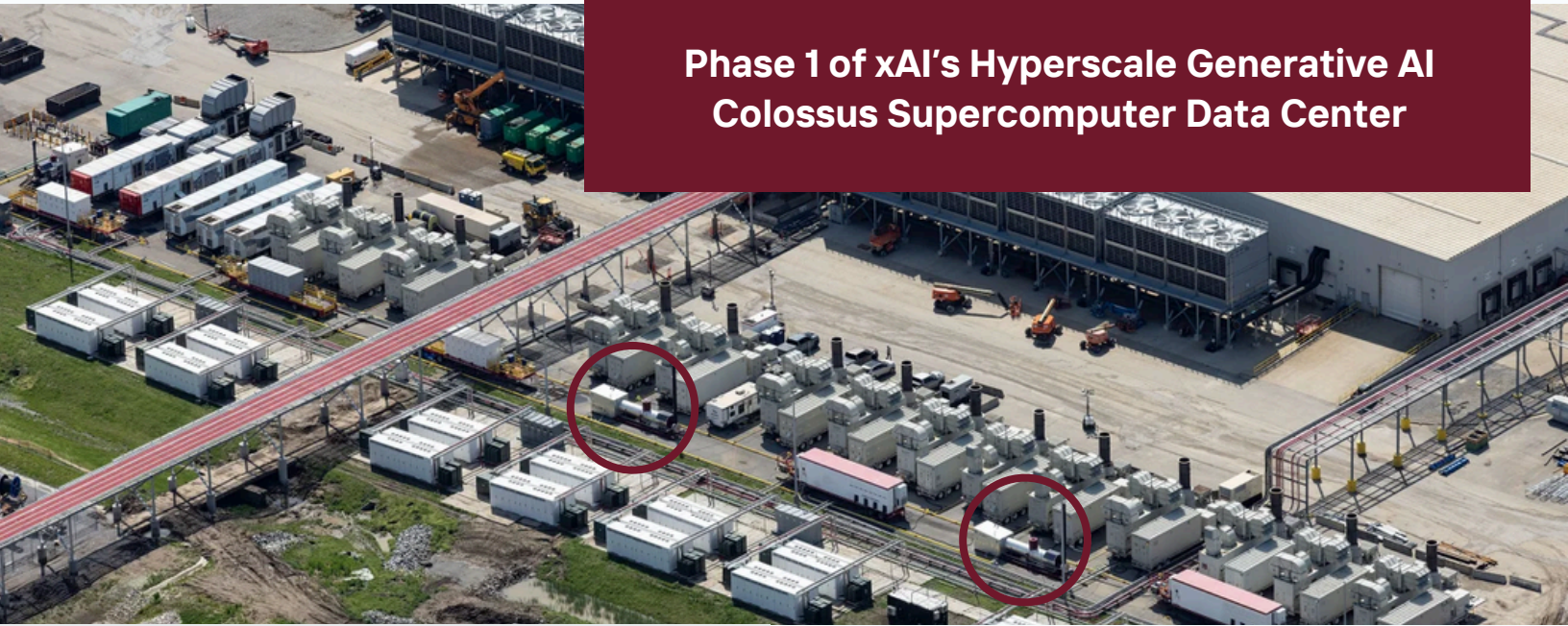# PROJECT SNAPSHOT

Phase 1 of xAI's Hyperscale Generative AI Colossus Supercomputer Data Center

Project Overview:

Plum Gas Solutions partnered with a leading data center developer facing the challenge of rapidly deploying energy infrastructure in under three months. The site required a high-capacity natural gas system capable of powering more than 25 mobile turbines before a connection to the local utility grid could be established.

What We Delivered ✓

- Designed and engineered a high-capacity Pressure Regulation System (6,500 MCF/day)
- Integrated custom manifold solutions for steady, regulated flow
- Installed multiple units in tandem to meet rising power demands
- Provided engineering and commissioning services to support the site team

Plum's Role ⊕

Plum designed and deployed a scalable natural gas infrastructure system that could reliably fuel a fleet of turbines. This solution delivered the primary power needed to bring one of the world's largest hyperscale generative AI data centers online within an aggressive timeline.

The Impact:

In just three months, the Plum system enabled:

- 43.6 million SCF/day of temperature and pressure-regulated gas flow
- Maximum turbine efficiency with reduced downtime and maintenance costs
- A major Tier 1 hyperscale generative AI data center set to go online in record time

Why Plum ⊕

This project underscores Plum's ability to move fast, engineer scalable solutions, and deliver natural gas infrastructure that meets today's most demanding energy requirements.