ZONE 4

CASE STUDY:
PLUG POWER HYDROGEN STORAGE SYSTEM DECOMMISSIONING

Location: Macon, GA • Olathe, KS • Rogers, AR
Russellville, AR • Tolleson, AZ • Rochelle, IL

Overview

Plug Power and a Fortune 500 company needed a trusted partner to decommission complex hydrogen fuel storage systems across multiple active sites, each operating on tight schedules and with zero margin for disruption.

With tanks weighing up to 76,000 lbs and timelines measured in days, not weeks, success demanded expert coordination, adaptive leadership, and turnkey mechanical and electrical execution.

Zone 4 mobilized two specialized crews to operate continuously across six sites, safely removing hydrogen storage and dispensing systems without interrupting daily operations.

The result: Every site was completed ahead of schedule, under full operational load and with zero incidents, proving when precision meets pressure, Zone 4 delivers.

The Challenge



Aggressive Timeline

Each site needed to be fully decommissioned within two weeks.



Heavy Equipment

Hydrogen storage tanks weighing 76,000 lbs required specialized rigging and crane coordination.



Live Environments

Every task had to be completed amid live operations, with zero disruptions.



Coordinated Logistics

Shipping and permitting schedules left no room for error or delay.

When the pressure was on, Zone 4 stepped in, aligning multiple subcontractors, synchronizing shipments, and executing high-risk removals with precision, speed, and total control. Resulting in seamless, multi-site decommissioning completed safely, efficiently, and on time.

Our Approach

Fast, Focused Mobilization

Zone 4 moblizized two specialized crews to move seamlessly from site to site, activating trusted local crane and rigging partners in each region to keep pace with tight shipping schedules. This agile, synchronized approach enabled immediate startup and sustained momentum across al six active facilities.

Real-Time Coordination

In an environment where every hour mattered, adaptability was key. When a scheduled subcontractor unexpectedly fell through, Zone 4 pivoted instantly, securing an alternative crane partner and kept Plug Power's schedule intact. Through disciplined communication, decisive leadership, and on the ground coordination, Zone 4 turned complex logistics into a smooth, uninterrupted execution.

The Results

This high-stakes, multi-site decommissioning was executed without a single compromise tosafety, schedule, or quality.

- Accelerated completion: Every site finished ahead of plan —cutting a full week off the original timeline.
- Seamless Turnkey execution: Complete mechanical and electrical removal performed under one coordinated scope.
- Zero disruption: Plug Power's customers distribution centers remained fully operations throughout.
- Flawless Logistics: No delays to Plug Power's shipping or permitting schedule, despite aggressive timelines to Plug Power's shipping and permitting schedule.
- Trusted Partnership: Exceptional communication, discipline, and execution earned Zone 4 recognition from Plug Power and opened the door to expand collaboration beyond traditional project scopes.

Outcome: A complex challenge turned into a benchmark for precision, adaptability and performance under pressure.

What's Next

Building on Momentum

This successful decommissioning program didn't just close a project; it opened a partnership. By demonstrating unmatched precision, agility, and control under pressure, Zone 4 proved its capability to manage complex and heavy industrial decommissions at scale. The result is an expanded relationship with Plug Power and new opportunities that extend beyond traditional scopes, positioning Zone 4 as a trusted partner for future turnkey, mission-critical initiatives across the industrial and energy sectors.

About Zone 4

Zone 4 is a leader in turnkey installation solutions for warehouse automation and material handling systems. With a network of 400+ skilled professionals and hundreds of years of combined team experience, Zone 4 delivers high-performance execution at scale. Trusted by top systems integrators and global retailers, Zone 4 specializes in complex, high-stakes projects—executed with precision, safety, and professionalism.

