



MISSION CRITICAL IN RECORD TIME

2 DATA CENTERS | 10 MONTHS | 1 MILLION+ SQFT

A leading wholesale data center developer—supporting the world’s top cloud and tech companies—turned to Clark Pacific to deliver two hyperscale facilities across the Western United States. With growing demand and compressed schedules, they needed a partner who could deliver complex infrastructure at speed and scale. Prefabrication made it possible. The first project, a three-story data center in Arizona, totaled 888,000 square feet and included a 196,000 square foot chiller platform. Clark Pacific manufactured 3,096 structural components in just 116 days, enabling efficient staging and rapid on-site installation. Panel erection was completed in only 191 crane days, which was significantly faster than traditional methods.

Impressed with the speed, precision, and coordination, the developer partnered again with Clark Pacific for a second facility: a 72MW, two-story structure with integrated generator sheds and mechanical platforms. Together, the first two projects delivered over 1.5 million square feet of prefabricated concrete in just 10 months, meeting aggressive timelines without compromising

structural performance. The success of these data centers laid the foundation for a third facility, currently underway. Designed to support up to 216 MW of critical IT load, the project includes more than 337,000 square feet of elevated structure—once again leveraging Clark Pacific’s prefabricated system for speed, resilience, and repeatability.

PROJECT DELIVERABLES



2 DATA CENTERS DELIVERED



10 MONTHS TOTAL PROJECT TIMELINE



**1 MILLION+ SQ FT OF PREFABRICATED
CONCRETE DELIVERED**



KEY BENEFITS



SPAN CAPACITY: 60 FT BY 42 FT



LIVE LOAD SUPPORT: UP TO 600 PSF



**INTEGRATED SYSTEMS:
MECHANICAL PLATFORMS,
GENERATOR SHEDS**



**RESILIENCY FEATURES: 2-HOUR FIRE
RESISTANCE RATED, USRC PLATINUM
RATED**

Clark Pacific's turnkey approach simplified the process from start to finish. Our full-scope solution includes design-assist, structural engineering, manufacturing, and erection—eliminating the need for multiple subcontractors and reducing risk across every phase.

The system can support spans over 60 feet, live loads up to 600 psf, and integrates critical infrastructure such as mechanical platforms, chillers, and generator sheds. Solutions include fire-rated components, seismic resilience, and compatibility with modern MEP systems, all delivered from a single source—reducing coordination, cost, and schedule risk for the developer.

Behind the scenes, the work is powered by Clark Pacific's next-generation manufacturing facilities, 100% solar powered, near-zero waste facility, and committed to operational efficiency. Concrete batch water is reclaimed and reused, production waste is fully recycled, and electric equipment replaces diesel in the yard. These practices not only support sustainability goals but also reinforce the company's commitment to delivering high-quality solutions in a controlled, dependable environment.



THE RESULT

Three large-scale data centers delivered faster, safer, and more efficiently—each one building on the last to improve logistics, streamline coordination, and scale delivery. By choosing prefabrication and engaging Clark Pacific early, the developer gained more than a construction partner—they gained a strategic advantage.

**Build different.
Achieve more.**

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