

Energy & Power



Valar Atomix - Nuclear Energy Production



Rapid delivery from inventory



Clear-span interiors



Widths 30' to 200' by any length



Lease or purchase



Limited foundation requirements



Multiple applications



**Build
Faster**

Our patented, tensioned-membrane structures deliver exceptional durability, rapid installation and clear-span interiors that maximize flexibility for the energy industry.

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Energy & Power

Build Faster

Engineered & Manufactured by Sprung Structures



Valar Atomic
Orangeville, Utah
120' wide x 90' long
140' wide x 250' long

In 2025, President Donald Trump called on American companies to bring at least three experimental nuclear reactors online by July 4, 2026, as part of a broader effort to strengthen U.S. energy security and expand domestic power generation. To help Valar Atomic meet that ambitious timeline, Sprung designed and delivered two purpose-built structures totaling more than 45,000 square feet for the company's Utah test site. Installed in fewer than seven months, the clear-span structures support negative-pressure environments while providing unobstructed space for specialized equipment, including a large gantry crane. Rolling service doors, multiple personnel entrances and glazing walls maximize accessibility and natural light. Delivered on an accelerated schedule, the structures helped support Valar as it brought one of the first small-scale nuclear reactors (outside a research laboratory) online in the U.S. in nearly 50 years.



Fenix Power
Chilca, Peru
Two 60' wide x 117' long
99' wide x 250'

To support the development of Peru's first natural gas combined-cycle power plant, Fenix required durable interim facilities that could be installed quickly, withstand demanding coastal conditions and accommodate a variety of construction and operational needs. As the first buildings established on the project site in the Chilca district, these structures would play an important role in keeping the project on schedule. Sprung designed and delivered three fully insulated structures tailored to those requirements. One served as a shop and warehouse, while another provided a dining facility for approximately 280 workers. The largest structure was used to assemble General Electric gas turbines and featured multiple rolling service doors to accommodate oversized components and equipment. Together, the structures delivered the flexible, reliable space needed to support construction of this landmark energy project from the ground up.



Kairos Power
Albuquerque, New Mexico
90' wide x 205' long
100' wide x 300' long

When Kairos Power established a new research and development centre in Albuquerque, the company needed flexible facilities to support design, manufacturing and testing activities while its long-term operations took shape. Sprung designed and delivered two cost-effective, clear-span structures to meet those evolving requirements. One, measuring 90' x 205', was installed atop shipping containers to maximize interior height. The second, measuring 100' x 300', featured custom flat-end sliding doors that provided easy access for large equipment and crews alike. Although both structures were originally supplied without insulation, the larger building was later retrofitted with insulation as the company's operational needs changed. Together, these adaptable facilities provide the space and flexibility Kairos Power employees need as they develop innovative reactor technology that could help shape the future of power generation.



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