

# GRN Energy Launches Unfold 3 Solutions: Customizable Modular Infrastructure for Data Centers, Vertical Farming & Housing

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PITTSBURGH, PA, UNITED STATES, June 24, 2025 /EINPresswire.com/ -- [GRN Energy](#) is proud to announce the launch of Unfold 3 [Solutions](#), its next-generation, high-quality containerized and modular infrastructure range, designed specifically for [data centers](#), vertical farming, and housing. These innovative solutions offer unmatched flexibility, durability, and performance for a wide range of applications, including Bitcoin mining, AI, and high-performance computing (HPC), while maintaining a strong commitment to sustainability and energy efficiency.



Sample GRN Energy Container



GRN Energy Logo

Following extensive testing across various locations, including the USA, Bolivia, and Ethiopia, GRN Energy is confident in its ability to meet the diverse needs of global markets. The Unfold 3 Solutions range has been optimized to offer exceptional performance in varying climates and environments, ensuring maximum efficiency and long-term reliability.

## Key Features of Unfold 3 Solutions:

**Data Centers:** Unfold 3 Solutions containers are engineered for high-quality, energy-efficient data center applications, with configurations for Tier 0 solutions, such as Bitcoin mining, and Tier 3 setups designed for AI and HPC workloads. These systems emphasize redundancy, scalability, and security, ensuring peak performance and reliability.

**Vertical Farming:** Designed for urban environments, Unfold 3 Solutions vertical farming modules are engineered for optimal energy use and space efficiency, enabling sustainable, local food

production and contributing to the global effort to reduce environmental impact.

**Housing:** The modular housing solutions under the Unfold 3 Solutions label are durable, sustainable, and cost-effective, providing rapid deployment and a scalable solution for affordable housing in urban areas, while maintaining high standards of construction and environmental performance.

### Quality, Durability, and Flexibility

Unfold 3 Solutions' infrastructure is engineered with the highest standards of quality and durability in mind. The modular units are designed to withstand the harshest environmental conditions, offering reliability and long-term performance. Whether in tropical climates, harsh winter conditions, or high-altitude locations, these units are designed to provide robust, flexible infrastructure solutions that withstand the test of time.

These modular systems offer the flexibility to meet specific local needs, including weather conditions, climate requirements, and usage specifications. With an emphasis on customization, Unfold 3 Solutions ensures that each unit is designed to meet the unique demands of each location.

### Global Manufacturing and Customization

To support a range of regional requirements, Unfold 3 Solutions offers production options in China, the USA, Europe, and the UAE. Many of the company's products are developed directly with OEM factories and certified partners, ensuring the highest levels of quality control, compliance, and manufacturing excellence. Each manufacturing location adheres to local compliance standards and pricing specifications, ensuring that solutions are optimized for the regulatory and economic conditions of each market.

### Selective Financing Options

In recognition of the high quality and advanced features of its solutions, Unfold 3 Solutions offers financing options for selected solutions and configurations, ensuring that businesses and organizations can access these high-end modular systems in a manner that fits their financial needs.

"We are committed to providing high-quality, durable, and flexible infrastructure that meets the evolving needs of industries worldwide," said Harvey Blom, CEO of GRN Energy. "Through rigorous testing and our focus on customization, we are confident that these solutions will deliver unparalleled value, reliability, and performance, making them ideal for industries that demand the best."

With the launch of Unfold 3 Solutions, GRN Energy is setting a new benchmark in sustainable,

high-performance infrastructure solutions. Whether for Bitcoin mining, AI computing, or urban farming, Unfold 3 Solutions offers the flexibility and quality required to drive success in an increasingly complex world.

About GRN Energy:

Your Partner in Sustainable Energy Solutions for Data Centers, Smart Cities & Vertical Farming

GRN Energy specializes in delivering end-to-end consultancy and strategic services to establish and optimize sustainable, profitable energy locations, with a primary focus on circular economy principles. Our expertise is particularly geared towards island regions and emerging markets.

We offer a wide range of services, including: Energy Site Identification and Promotion, Energy Brokerage Services, Data Center Development and Upgrades, Consultancy and Strategic Planning, Logistics and Insurance Solution, and Co-location and Carbon Credit Assessment.

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