



FAIL-SAFE BATTERY STORAGE

The Key to Resilient Communities



Climate Resilience Risk From Power Failures At Heating and Cooling Centers.

New research highlights a pressing danger: overlapping weather extremes and power outages are putting American cities at risk. To tackle this, FEMA urges cities to invest in backup power for heating and cooling centers. But relying on diesel generators brings environmental harm, noise, and hefty maintenance expenses.

Battery Storage Is The Answer, But It Must Be Safe.

Rather than costly, noisy and polluting diesel generators, why not embrace cleaner, quieter, and more efficient power resilience with Battery Energy Storage Systems (BESS).

- BESS offer emission-free backup power during outages
- BESS optimize energy usage to lower costs and greenhouse gas emissions
- They charge during off-peak hours and participate in Virtual Power Plants (VPPs) for grid stability
- BESS can directly tap into solar energy
- Safety is crucial: traditional BESS pose a risk of thermal runaway, leading to hazardous fires or explosions

East Buffalo-Based BESS Manufacturer Viridi Has Solved The Safety Problem.

Viridi, led by community advocate **Jon M. Williams**, pioneers a groundbreaking BESS architecture to eliminate thermal runaway risks. Our innovative design envelops each battery cell, shielding it from potential failures.

- NASA-inspired coolant system ensures fail-safe operation
- Meets rigorous UL standards for safety
- Approved by the Buffalo Fire Department for use in occupied spaces

FOR MORE INFORMATION

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Viridi BESS:
The **ONLY** Choice
Approved by
the Buffalo Fire
Department for
Safe Installation in
Occupied Spaces.

Our BESS has a proven track record, including a successful **600 kWh installation at the Hauptman Woodward Institute** (above). With numerous installations nationwide, Viridi offers Buffalo's heating and cooling centers the safety and reliability they demand for a sustainable future.

Viridi is more than a technology company—GreenForce.

Viridi stands at the forefront of sustainable energy and inclusive opportunity. In Buffalo's East side, where our roots run deep, we're proud that 90% of our production team represents people of color—a beacon of diversity in the industry.

Driven by the visionary leadership of **Jeff Conrad**, Executive Director of GreenForce, and **Pastor James Giles**, Head of Personnel at Viridi, our GreenForce initiative is transforming lives. Over 60% of our factory jobs offer stable, well-paying entry-level roles, but it's more than just employment—it's about rewriting narratives and revitalizing communities that have long been neglected. With 81% of GreenForce participants benefiting from Viridi's support in crucial areas such as housing, legal matters, healthcare, daycare, transportation, and education, we are breaking down barriers to sustainable employment and fostering thriving communities.



GREEN FORCE



Viridi's battery system is rigorously tested, safety-approved, and manufactured in America.