



Large-scale Indoor Battery Installation

Hauptman Woodward Medical Research Institute (HWI)

HWI is a world-leading medical research center that requires a consistent and reliable source of electricity to power its advanced equipment. To meet their electricity needs, they decided to implement the largest fail-safe indoor battery system in the nation, designed to meet the Institute's entire electricity demand. This marks a significant breakthrough in the use of distributed energy to balance grid loads, exploit renewable power, and meet zero-carbon emission goals.

CHALLENGE

HWI required a cost-effective solution to power their advanced medical research equipment, including a newly acquired cryo-electron microscope.

SOLUTION

Viridi's energy storage system allows HWI to store energy generated at night when electricity rates are low, and use it during the day, resulting in significant cost savings and reducing demand on the electric grid.

RESULT

The **Viridi RPS 150 Energy Storage System** is a game-changer for HWI. It has enabled them to invest in vital research tools that are crucial for their immediate work and future growth.



Twelve RPS 50 lithium-ion batteries installed in a dedicated room at HWI.

INDUSTRY

Medical Research

LOCATION

Buffalo, NY
Buffalo Niagara
Medical Campus

IMPLEMENTATION

- 500 kW Battery System
- Includes twelve lithium-ion batteries, installed in a dedicated room, providing 500 kwh usable power for resiliency back-up and demand charge management
- UL Certified for Indoor Installation

FOR MORE INFORMATION

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Viridi's battery system is rigorously tested, safety-approved, and American-made.