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PRESS RELEASE

AEC Utilizes Innovative Lumenpulse Technology for Cost Effective Revival of Historic Building

Breakthrough technology brings LED lighting and digital control to a historic 112-year-old Albany building

ALBANY NY, INSERT – American Energy Care (AEC), an energy efficiency firm known for turnkey technology oriented energy saving solutions for facilities of all sizes, has partnered with Lumenpulse to revitalize the 112-year-old 90 State Street building in Albany. AEC’s comprehensive design plan utilized [Lumenpulse](#) Lumentalk technology and luminaires to give the lobby a modern, versatile LED lighting system, transforming the 14,000 square foot space into a multi-functional banquet hall for the 21st century.

Lumentalk is a patented technology that enables digital control of LED lighting over AC power lines, making it unnecessary to install new cables for data. The technology allowed AEC to seamlessly upgrade the 90 State Street lobby to digital controls and LED lighting – without expensive and intrusive re-wiring, disruptions or remodeling.

“Mazzone Hospitality needed a solution that would cut both energy and maintenance costs, while dramatically improving the flexibility and “look” of the space, and being able to install Lumentalk achieved that,” said Jamie Thompson, AEC President and CEO. “However, because of the historic nature of the space we faced numerous wiring limitations and structural issues, and this technology made the conversion process simpler and much more cost effective. That modernization, along with other energy and control improvements, made the project a success,” Thompson said.

AEC replaced original 1000W HID metal halide lamps with 100W Lumentalk-enabled Lumenbeam Grande Color Changing luminaires. The switch cut overall power consumption in the massive space by more than 40,000 watts, and gave the hall the ability to change the color of the room for different events.

“Lumentalk is a gateway to modern lighting and control systems, and 90 State Street is a great example of its impact,” said Greg Campbell, Executive Vice President and CTO at Lumenpulse. “By converting to LED lighting and digital control, they’ve increased overall efficiency and flexibility, allowing the banquet hall to host a large variety of events. More importantly, it’s given this grand, historic space a whole new lease on life,” he said.

The banquet hall at 90 State Street is owned and operated by catering company [Mazzone Hospitality](#). “AEC delivered a system that exceeded our expectations for this space. It’s lowered the monthly utility bills, and given us the ability to provide a unique look and feel for every presentation and event,” said Matthew Mazzone of Mazzone Hospitality. “Plus, it just looks fantastic.”

For more information on AEC projects and products, please visit aecenergy.com

Editor's Notes:

About American Energy Care – www.aecenergy.com

Founded in the New York Capital Region in 1991, for more than two decades, AEC has been developing and implementing custom lighting and energy solutions for commercial and industrial clients across the Northeast. AEC is focused on technology, quality implementation and rapid ROI.

American Energy Care designs and installs a wide array of technologies and applications, including lighting, heating, ventilation, air conditioning, energy management systems, motors, windows and roofs, boilers and chillers. In addition, we have the technical expertise to offer such cutting-edge solutions as Web-based energy management systems, and renewable power sources, such as geothermal, solar thermal and photovoltaic's and data-center studies and solutions.

Our advanced lighting, HVAC, and control systems create safer spaces that are more people-friendly, increasing productivity and satisfaction. Moreover, by lowering energy consumption, our systems reduce emissions from the fossil fuels used in electric generators, heating fuels and industrial processes.

History

American Energy Care, Inc. was founded in 1991 by CEO/President Jamie Thompson to bring energy saving solutions to commercial and industrial businesses, municipalities, school districts, and others.

Memberships, Accreditations and Awards

- National Grid Tier 1 Energy Savings Partner
- National Grid previous awards for top energy savings produced
- Winner of 8 competitions over 4 years for NYSERDA SCLP Program on multiple occasions, for both total square feet, and for total number of facilities
- DOE SPP and Energy Star Partner
- Member of both IES, and AEE
- Partner in many programs for ESCO's, utilities and professional organizations.

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