

## **Midstate Energy: Preparing K-12 School Buildings for Safer, Healthier Learning Environments**

Midstate Energy, a Veregy Company and leader in innovative energy solutions, adapt their time-tested building health strategies, developed for the healthcare industry, to schools and their facilities.

Midstate Energy, Principal Executive, Ben Madsen, states, “A large part of buildings health is in its infrastructure—ventilation, lighting, temperature control, room size, and structure. Students flourish when the room comfort is at its best every day. Whether it’s a disease threat or simply maintaining a clean room, infrastructure is one of the most important elements of a healthy school environment. Our initiatives and resources have brought this to fruition for many schools, and we know that the variety of services and solutions that we offer can be custom applied to school systems in this new age of virus protection.”

Midstate Energy and the Veregy portfolio of companies expertise focuses on “building health” to increase occupant’s ability to live, learn, heal, and function at their best. An example of this occurred in 2015, when Lexington Medical Center in West Columbia, South Carolina, requested an HVAC system that was designed to respond to infectious disease outbreaks. When needed, they can utilize advanced building control systems to convert regular beds to CCU (Critical Care Unit) beds. Having partnered with 1GPA, it’s solutions like these that Midstate Energy is also bringing to their K-12 and Municipal clients.

These strategies were designed to reduce the transmission of airborne contamination, but in the classroom, they can have added benefits. In one study, students in classrooms with higher outdoor air ventilation rates scored 14-15% higher on standardized test scores and had marked improvement in overall performance. Ensuring adequate air quality in all classrooms by utilizing air flushes, enhanced filtration, UV light, and other strategies can limit the transmission of infectious diseases, reduce absences, and improve the overall health and productivity of teachers and students.

Midstate Energy also has extensive experience with advanced building control systems that turn facilities into easily controlled smart buildings. During the recent COVID-19 outbreak, they created a custom workflow that allowed teachers to request, through their school’s integrated building software, sanitation of a room when they suspect illness in the class. This request automatically schedules a cleaning crew with sanitization instructions and a list of the necessary supplies and procedures. When class starts the next day, the sanitation request had been fulfilled without any further action by the teacher.

Midstate Energy has decades of experience in building innovation, efficiency, health, optimization, design, and construction. This experience, combined with in-house

expertise, has allowed Midstate Energy to grow to become a leader in their industry and has given them the confidence to bring their healthy solutions to new markets in need of change.

If you're are interested in learning more about Midstate Energy solutions, visit [www.midstate-energy.com](http://www.midstate-energy.com) or speak to your 1GPA representative.

### **About Midstate Energy, A Veregy Company**

Midstate Energy is an award-winning energy services company (“ESCO”) that designs, engineers, and implements eco-friendly building and system optimizations that minimize upfront costs and produce meaningful energy and operational savings. Across the United States, Midstate Energy’s combined offerings provide comprehensive infrastructure upgrades, energy management, and energy efficiency solutions in mechanical, plumbing, lighting, solar, battery storage, geothermal, and customizable building control systems in addition to ongoing facility management and maintenance services. The collective enterprise has delivered billions in energy performance contracts for academic, municipal, healthcare, commercial, and federal facilities across more than 30 states. For more information, visit [www.midstate-energy.com](http://www.midstate-energy.com).

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