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Emacx Systems, Inc.
Theo Breitenstein
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Reference: Automated Demand Control by Emacx Systems

Mount Sinai Hospital like all hospitals faces the challenge of controlling the ever growing expense of energy. As the hospital adds facilities necessary to service the health needs of the growing and diverse population in the area the challenge to control a major part of our energy budget became evident.

We began an investigation into the different technologies and operational strategies, included were discussions with our building automation supplier and mechanical equipment suppliers. The engineering team found that one of the most effective strategies is to control peak demand costs by utilizing an automated demand control system designed, installed and serviced by Emacx Systems. Because the Emacx system communicates with any building automation system we are able to utilize the technology in any facility using in our case Siemens and Johnson controls.

The application of this technology resulted in a simple pay back of 1.4 years and continued yearly savings of approximately \$85,000 without interrupting or jeopardizing day to day operations, a critical factor in any hospital.

Mount Sinai Hospital

A handwritten signature in black ink, appearing to read "Benedict Ciferri".

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