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Emacx Systems, Inc.  
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Reference: **Turnkey installation of an Intelligent Peak Load Control System by Emacx Systems, Inc.**

Memorial Sloan Kettering, like all hospitals, faces the challenge of controlling the ever growing expense of energy. Energy costs continue to rise as the hospital adds facilities necessary to service the public, continue critical research, and teach the medical community. Unlike the private sector, hospitals cannot raise prices to counter increased expenses. We must continually search for ways to cut costs without jeopardizing critical services and patient care.

We began investigating different technologies and operational strategies to control energy, including discussions with our building automation suppliers and mechanical equipment suppliers. The engineering team found that one of the most effective strategies to control peak demand costs is 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 first installation of an intelligent peak load control system from Emacx resulted in a simple pay back of 0.6 year in our Zuckerman facility with a yearly savings of over \$145,000. These results occurred without interrupting or jeopardizing day to day operations, a critical factor in any hospital. With that proven concept we installed the system in the Main Campus and the Rockefeller Research Center facilities expecting an overall pay back of less then 1.3 years. This has been a very successful, well executed and managed project by Emacx Systems, Inc.

Memorial Sloan Kettering Cancer Center

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*NCI-designated Comprehensive Cancer Center*