

Edward Hines Jr. Veterans Administration Medical Center

Hines, IL

Edward Hines Jr. Veterans Administration Medical Center is a second-generation Veterans Health Administration Hospital on a 174-acre campus in Hines, IL. It offers medical care and residency program.

Edward Hines Jr. Veterans Administration Medical Center needed to provide better humidity and cooling control in its operating suites and patient care facilities. It also needed to reduce its operating and utility costs to help extend the useful lifespan of its facility, which is more than 50 years old.

In order to achieve its efficiency goals, the medical center selected ATIGROUP, Inc. partnered with a contractor to upgrade its existing chiller water plant infrastructure.

Through a series of detailed projects and timely response solutions, ATIGROUP, Inc., was able to provide Edward Hines Jr. Veterans Administration Medical Center with the necessary infrastructure upgrades to create a projected annual savings of \$1 million over an 18-year period.



CHALLENGE

The Edward Hines Jr. Veterans Administration Medical Center's infrastructure was more than 50 years old. It experienced a breakdown of chiller systems and needed to improve accessibility to its cooling tower. It also faced frequent flooding issues in its basement due to a lack of drainage.

SOLUTION

- Removed and replaced three centrifugal chillers to provide modernized, efficient systems
- Relocated existing cooling towers to allow for easier maintenance access
- Installed additional drainage in the hospital's basement to alleviate frequent flooding issues

BENEFIT

- Created a projected annual savings of \$1 million in energy and operating costs per year over an 18-year period
- Reduced maintenance, energy and operational costs
- Reduced wear on chillers, pumps and coolers by expanding from two to three chiller systems

ATIGROUP, Inc. is a leading mechanical maintenance provider to the public and private sectors. ATIGROUP, Inc. provides construction, controls, and professional engineering and preventive maintenance services.



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