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Siemens Improves Signature Healthcare Operations with Multi-Facility Energy Savings Plan

- *Infrastructure upgrades improve 122-year-old Greater Boston hospital's energy efficiency and comfort*
- *Healthcare network to reduce CO₂ emissions by 7.6 million pounds annually*
- *Comprehensive solution includes project design, construction, equipment, and financing*

Siemens has begun working on the first phase of a 12-year energy savings performance contract with Signature Healthcare that covers seven locations in Bridgewater and Brockton, Mass., including Brockton Hospital. The contract aligns with the healthcare system's master energy plan to reduce energy consumption and energy purchasing costs, while maximizing the use of renewable energy wherever possible.

Signature is projected to achieve more than \$380,000 in operational savings and more than \$470,000 in energy savings in the first year. In addition to increasing energy efficiency and reducing energy usage and associated costs, the upgrades will improve patient and staff comfort and help eliminate vulnerabilities for equipment downtime or failure.

Siemens' Financial Services Division is supporting the project through financing both the performance contract and providing a 10-year refinancing package. The refinancing package serves to significantly free up the healthcare system's financial resources and increase fiscal flexibility and stability.

Financing from Siemens enables organizations such as Signature Healthcare to implement infrastructure projects both affordably and efficiently, whether a customer is looking to conserve cash or credit lines, accelerate business, or increase operational flexibility.

"Siemens is providing a turnkey project from start to finish," says Jim Papadakos, CFO of Signature Healthcare. "They identified opportunities for improvements and facilitated financing and incentives."

The performance contract allows Signature to improve its infrastructure through facility improvement measures such as boiler plant and steam trap replacements, energy efficient pumps, variable frequency drives, cogeneration, building envelope, lighting and sensor upgrades, high efficiency transformers, water conservation measures, and an operating room HVAC retrofit.

Part of Siemens' Total Energy Management approach, the energy efficiency measures will also significantly reduce the healthcare network's annual greenhouse gas emissions, with estimated electric savings of 22% and natural gas savings of 24%.

As part of the contract, Siemens will also work with the local utility companies to secure rebates for Signature, totaling an estimated \$265,000 annually over the next two fiscal years.

“Hospitals and healthcare facilities have a vast network of building system components hidden within the walls that must operate consistently and efficiently for everyone’s comfort and safety,” says Joseph Peters, Zone Vice President for Siemens Building Technologies Division. “With more than 2,000 employees in the state of Massachusetts, Siemens is proud to support a healthcare system that is not only improving its facilities for patient comfort, but also improving its environmental footprint.”

About Siemens

[The Siemens Building Technologies Division](#) (Buffalo Grove, Ill.) is the North American market leader for safe and secure, energy-efficient and environment-friendly buildings and infrastructures. As a technology partner, service provider, system integrator and product vendor, Building Technologies has offerings for fire protection, life safety and security as well as building automation, heating, ventilation and air conditioning (HVAC), and energy management. [Siemens’ Total Energy Management approach](#) helps customers consume sparingly, spend wisely, generate responsibly, and analyze continuously.

[Siemens Corporation](#) is a U.S. subsidiary of Siemens AG, a global powerhouse focusing on the areas of electrification, automation and digitalization. One of the world’s largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of systems for power generation and transmission as well as medical diagnosis. With approximately 372,000 employees in 190 countries, Siemens reported worldwide revenue of \$92.0 billion in fiscal 2017. Siemens in the USA reported revenue of \$23.3 billion, including \$5.0 billion in exports, and employs approximately 50,000 people throughout all 50 states and Puerto Rico.

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