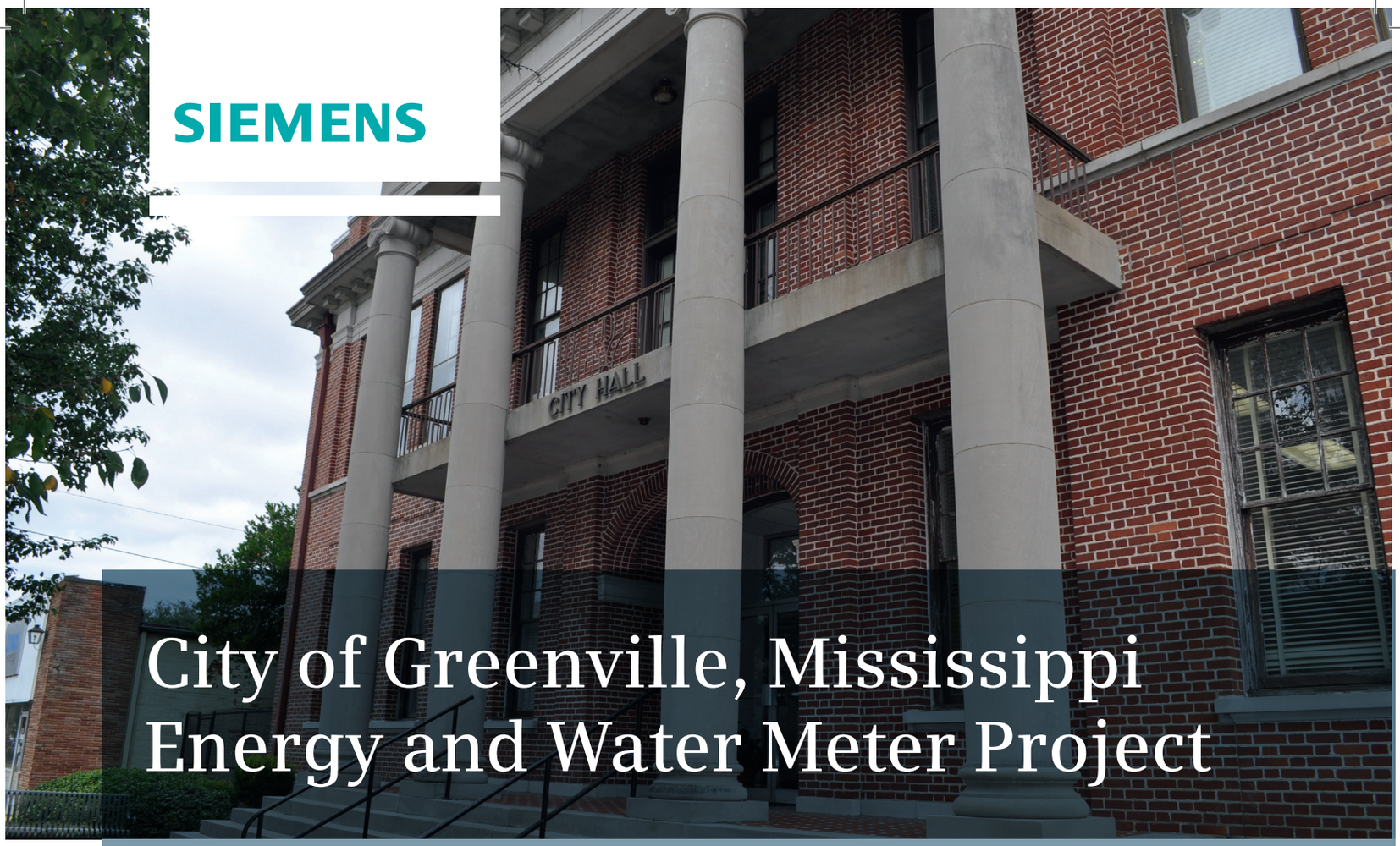

SIEMENS

City of Greenville, Mississippi Energy and Water Meter Project

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Greenville, Mississippi is the eighth largest city in the state, home to historical sites, a growing and active arts community, and approximately 35,000 residents. In 2011, as part of her energy efficiency plan, Mayor Heather McTeer and the City of Greenville partnered with Siemens Industry, Inc., to address concerns over rising energy costs and an aging water meter system.

Objectives

The City of Greenville wanted to make energy-efficient infrastructure improvements to city-owned buildings and equipment while protecting the capital budget, and needed to accurately record water flow to its residents and business owners. In addition, the City of Greenville established these objectives for the project with Siemens:

- Manage energy costs by reducing consumption
- Increase water billing revenues

Solution

For its Energy Performance Contract project with the City of Greenville, Siemens is implementing the following solutions:

- Replacement of 13,500 water meters, including advanced metering infrastructure (AMI) to allow for automatic, accurate, real-time meter readings and accurate billings
- Retrofitting of more than 1,000 light fixtures with energy-efficient upgrades in 23 city-owned facilities
- Installation of energy efficient traffic lights for 49 intersections
- Installation of decorative street lights that include energy-efficient induction lamps
- Implementation of Siemens Energy Management System (EMS) at the municipal airport, courthouse, city hall, recreation center, and golf course

Results
Over the course of the 15-year performance contract, Siemens estimates these solutions will combine to save the City of Greenville approximately $176,000 in annual energy, utility, and operating expenditures. These savings are guaranteed by Siemens through the terms of the performance contract.

The new water meters will help the city recoup lost and unaccounted for water and make water meter readings more cost-effective. And their accuracy is expected to generate approximately $690,000 in additional revenue over the 15-year contract term.

"Today, energy efficiency and environmental protection are two things that must be considered by growth minded communities. Siemens demonstrated not only a commitment to helping us save money in our city, but also to preparing a solid future and plan of action for our next generation. I'm glad we can call Siemens a community partner."

— Heather McTeer
Mayor
City of Greenville

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