Calpine selects Siemens to provide upgrades for its gas turbine fleet

Siemens Energy, Inc. and Calpine Corporation signed an agreement to upgrade approximately one-third of the independent power producer’s fleet of Siemens F Class gas turbines, with an option to upgrade additional units. The Siemens technology upgrades on each unit are intended to add incremental capacity while improving the efficiency of the entire engine. Calpine intends to implement these upgrades over the next several years. The contract value is more than USD110 million.

Calpine currently operates 38 Siemens F Class gas turbines in the United States, primarily in California and Texas. The thermal performance upgrade to the Siemens SGT6-5000F combustion turbine is intended to increase base load power, while significantly improving the overall base load heat rate. The scope of the technology upgrades for the turbines will vary from unit to unit, but will generally include combustion turbine components, operational enhancements and installation services.

"Increasing efficiency through the modernization of the existing power generation fleet helps our customers produce environmentally compatible electricity to meet the nation’s future energy demand," states Randy Zwirn, CEO of Siemens Energy’s Service Division. "Siemens considers these upgrades to be an important step in helping make Calpine’s fleet a more competitive force in the changing energy landscape."

"Calpine applauds Siemens’ design of this highly efficient retrofit that allows us to upgrade our turbine-generators. We look forward to providing this clean, reliable and efficient additional capacity to our customers throughout the United States," said Tom Webb, Calpine senior vice president – Power Operations.
The **Siemens Energy Sector** is the world's leading supplier of a complete spectrum of products, services and solutions for the generation, transmission and distribution of power and for the extraction, conversion and transport of oil and gas. In fiscal 2008 (ended September 30), the Energy Sector had revenues of approximately EUR22.6 billion and received new orders totaling approximately EUR33.4 billion and posted a profit of EUR1.4 billion. On September 30, 2008, the Energy Sector had a work force of approximately 83,500. Further information is available at: [www.siemens.com/energy](http://www.siemens.com/energy).