

Silencers Befitting America's Most Advanced Combined Cycle Power Plant



A CCI Company

...Helping you meet and exceed noise reduction goals

Application Power Gas Transmission Oil and Gas Other

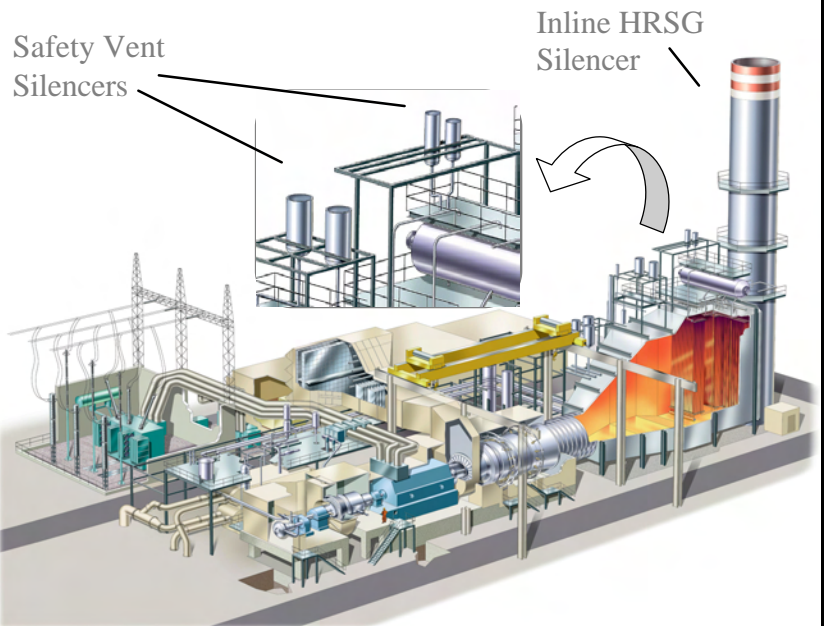
In 2005, GE's Energy division and Calpine Corporation began construction on what should become America's most advanced combined cycle gas turbine (CCGT) power plant.

The 800MW, 46 acre natural gas-fired plant is the first US plant to use the advanced, high efficiency H-system™ turbines. These H-system turbines are the industry's most fuel-efficient and the first to reach 60% thermal efficiency.

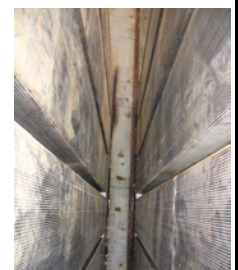
For this project, optimization, quality and durability were key. General Electric (GE) only invests in leading products and services that help solve some of the world's toughest problems and the company extends this same standard to its contractors. With Fluid Kinetics' (FK) leadership position in the industry as well as its 35-year experience as a premier noise specialist, our silencers befit America's most advanced combined cycle power plant. FK developed safety vent [model EVO] and HRSG stack panel silencers [model CTS] that have been put through rigorous structural and noise tests over the years in order to ensure the highest quality.

The EVO vent silencers provide dramatic improvements in acoustic performance and offer significant reductions in overall silencer height and weight. This reduction in height is widely desired because of its aesthetic value to power plants located in residential areas. The CTS silencer panels also offer exceptional acoustic performance while being modular and relatively easy to install. Furthermore, its unique design incorporates minimal pressure drop to the system.

Beating out competitors to provide the most cost-effective, customized solution made us first choice.



Above: 3D representation of a typical power plant
Left: Inland Empire Energy Power Plant during construction
Right: Inside the HRSG silencer



By working with FK to reduce noise pollution in this residential area, the Inland Empire Energy Center will be poised to provide crucial electricity for California, where and when it is needed the most. We are passionate about noise control and it shows!



Need a quick quote?

Call: 1-805-644-5587

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**FK is the manufacturer of choice where
quality, reliability and durability are of utmost
importance**