



VOC DESTRUCT - COMBINED HEAT AND POWER TECHNOLOGY

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VOL 2

Serving the Manufacturing, Petrochemical and Synthetic Organic Chemical Sectors

Significant life cycle cost savings can be achieved by using Siemens VOC CHP technology in place of typical energy-intensive air pollution control equipment for VOCs. Capital costs can typically be recovered in a few years and significant decreases in ongoing energy costs will potentially increase plant profitability for many years.

Siemens VOC destruct 7.9MW SGT-300 gas turbine genset

The single-shaft SGT-300 gas turbine genset (GTG) combines advanced technology with a rugged industrial design. It has a typical power output of 7.9MW and is available as a factory-assembled package. The SGT-300 is designed to operate on a wide range of gaseous and liquid fuels and abate a wide range of VOCs. As a proven solution for VOC abatement and industrial power generation, this gas turbine is particularly well suited for combined cooling, heat and power applications.

The compact arrangement, on-site maintainability and its inherent reliability have made it the gas turbine of choice for industry.



Product and test/certification facility

Siemens' first commercial VOC CHP system is successfully operating in Gouda, Holland. The SGT-300 GTG is engineered and final assembled and tested for the North American Market at Siemens state-of-the-art test and demonstration facility in Houston, Texas, USA.

A full spectrum of products and services

SGT-300 VOC Destruct Gas Turbine Generators • Heat Recovery Steam Generators • Absorption Chillers • Heat Exchangers • Simple and Combined Cycle Systems • Selective Catalytic Reduction • Switchgear and Electrical and Grid Solutions

Extended scope projects

- Up to EPC and LTP/O&M service contracts
- EPA compliant VOC / NOx / CO / CO2 destruct and removal efficiency (DRE)

For additional information, contact Steve Sexton at (520) 225-0387:

**Environment & Power Systems International
Tucson, Arizona**

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Order information:

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The Sustainable Energy Solution for Industry

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