

Siemens showcases energy efficient power tech for a sustainable future at Power-Gen

- **Siemens showcases record-breaking H-Class gas turbine at Qatar show**
- **Boosting energy efficiency is key to meeting future power demand**
- **Siemens Environmental Portfolio saved 332 million tons of CO2 in 2012**

Siemens, the global powerhouse in electronics and electrical engineering operating in the energy, infrastructure, industry and healthcare sectors, will showcase a series of innovative technologies for power generation, distribution and transmission at Power-Gen Middle East in Qatar from February 4 to 6, emphasizing the importance of energy efficiency in the drive for a more sustainable energy mix.

“In the transition to a sustainable, renewable-led energy future, the role of fossil fuels cannot be underestimated. For the foreseeable future, clean-burning natural gas will be a crucial resource for power generation, and it is therefore absolutely essential that we work to ensure it is used as efficiently as possible,” said Dietmar Siersdorfer, CEO, Energy, Siemens Middle East.

The world record-holding H-Class gas turbine, which has achieved an unsurpassed efficiency rating of 60.75 percent in combined-cycle mode, combining gas turbines with steam turbines, is central to the Siemens presence at Power-Gen Middle East, and demonstrates the firm’s commitment to advancing the technological capabilities of fossil-fired power generation.

In addition, experts from Siemens will be demonstrating the company’s broad portfolio of solutions for the modification and upgrade of existing infrastructure, including Wet Compression, which uses water injected into a gas turbine to increase the power output by up to 15 percent.

“It’s important that the technology we develop today is able to benefit infrastructure that already exists,” said Dietmar Siersdorfer, “and Wet Compression is an excellent example of this.”

“Increasingly, we are ensuring that mature fleets are able to take advantage of modern innovation, bringing increased efficiency to the power generation, transmission and distribution infrastructure already installed, globally and here in the Middle East.”

Both Wet Compression and the H-Class gas turbine are part of the Siemens Environmental Portfolio, a wide-ranging suite of products and solutions that in 2012 helped Siemens customers worldwide to reduce their annual carbon-dioxide emissions by around 332 million tons.

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About Siemens:

The **Siemens Energy Sector** is the world’s leading supplier of a broad spectrum of products, services and solutions for power generation in thermal power plants and using renewables, power transmission in grids and for the extraction, processing and transport of oil and gas. In fiscal 2012 (ended September 30), the Energy Sector had revenues of EUR27.5 billion and received new orders totaling approximately EUR26.9 billion and posted a profit of EUR2.2 billion. On September 30, 2012, the Energy Sector had a work force of almost 86,000. Further information is available at: www.siemens.com/energy

Siemens AG (Berlin and Munich) is a global powerhouse in electronics and electrical engineering, operating in the fields of industry, energy and healthcare as well as providing infrastructure solutions, primarily for cities and metropolitan areas. For over 165 years, Siemens has stood for technological excellence, innovation, quality, reliability and internationality. The company is the world’s largest provider of environmental technologies. Around 40 percent of its total revenue stems from green products and solutions. In fiscal 2012, which ended on September 30, 2012, revenue from continuing operations totaled €78.3 billion and income from continuing operations €5.2 billion. At the end of September 2012, Siemens had around 370,000 employees worldwide on the basis of continuing operations. Further information is available on the Internet at: <http://www.siemens.com>

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