



Munich, Germany, November 26, 2009

## Joint press release

### **Siemens Superstar successfully passes TÜV SÜD inspection**

Nothing stands in the way of lighting Munich's new landmark on the first Advent

**The Siemens Superstar, which will shine over the gateway of Munich as a new landmark beginning on the first Advent, has passed inspection by TÜV SÜD – the technical service corporation responsible for inspecting and testing technical installations. The world's biggest revolving Christmas star has thus cleared the last technical hurdle and the artistic installation can be lighted as planned on November 29 by Siemens President and CEO Peter Löscher and Munich's Mayor Christian Ude. Siemens developed and implemented this unique and pioneering project over the past twelve months together with Munich's multimedia artist Michael Pendry.**

TÜV SÜD examined the concept for the temporary lighting installation on the Fröttmaning wind power turbine, accompanied all the preparations and installment, and completed the final onsite tests. The tests focused on possible effects on the wind turbine's stability, the reliability of the energy transfers from the stationary tower to the rotating blades, and the reliable functioning of the safety systems. "The rotor blades, for example, move into a safe vane position in stormy weather conditions to prevent damage to the power plant," explained Dr. Martin Webhofer of the wind power plant department at TÜV SÜD. "The safety systems naturally can't be affected in any way by the lighting installation." Following its final approval on Thursday morning, TÜV SÜD gave the green light to putting the installation into operation.

The Siemens Superstar is a mammoth, pioneering technical project. The lighting installation consists of 9,000 light-emitting diodes (LEDs) of the Siemens subsidiary Osram that shine as brightly as 20,000 Christmas candles. In good weather, the art installation can be seen for 30 kilometers. The diameter of the world's biggest revolving Christmas star is nearly 70 meters – as

1 / 2

wide as a soccer field. Nearly 400 meters of power cable were used to install the LEDs – which exceeds the height of the Eifel Tower. The installation weighs about 100 kilos per rotor blade and the lights are attached to the blades with superglue used in space: Under windy conditions, the LEDs are subject to forces up to 20 G, or more than three times the g-force experienced by an astronaut during a rocket launch.

Further information available at: [www.siemens.com/presse/sterndessuedens](http://www.siemens.com/presse/sterndessuedens)

**Siemens AG** (Berlin and Munich) is a global powerhouse in electronics and electrical engineering, operating in the industry, energy and healthcare sectors. The company has around 410,000 employees (in continuing operations) working to develop and manufacture products, design and install complex systems and projects, and tailor a wide range of solutions for individual requirements. For over 160 years, Siemens has stood for technical achievements, innovation, quality, reliability and internationality. In fiscal 2008, Siemens had revenue of €77.3 billion and a net income of €5.9 billion (IFRS). Further information is available on the Internet at: [www.siemens.com](http://www.siemens.com).

**TÜV SÜD** is a leading international service provider focusing on the business fields of industry, mobility and people. Around 14,000 employees work at over 600 locations worldwide. The company's teams of interdisciplinary specialists ensure the optimization of technical installations, systems and know-how. As a process partner, they help strengthen their customers' competitiveness. Further information is available at: [www.tuev-sued.de](http://www.tuev-sued.de).