

Veltins Brewery chooses sustainable electrification solution from Siemens

- **New brewery building equipped with Siemens power distribution technology for medium and low voltage**
- **Innovative fluorine gas-free medium-voltage switchgear contributes to greater sustainability**
- **Digitalized low-voltage technology increases safety, efficiency and economy in operation**

C. & A. Veltins, one of Germany's largest breweries, has set itself the goal of becoming one of the most modern and sustainable breweries in Germany by the time it celebrates its 200th anniversary in 2024. Siemens Smart Infrastructure is supplying technology to ensure the sustainable energy supply of a new building at the company's headquarters in the town of Grevenstein in the Sauerland region, where a new bottling plant will go into operation in 2022. The centerpiece is the new 8DJH 12 blue GIS fluorine gas-free medium-voltage switchgear. It completely eliminates the greenhouse gas sulfur hexafluoride (SF6) as well as other fluorine gases. Instead, the switchgear uses the climate-neutral Clean Air insulation gas, which consists exclusively of natural components of the ambient air. The system is supplemented by low-voltage technology with digital measurement and communication functions for safe and efficient power distribution.

“By opting for environmentally friendly, fluorine gas-free switchgear from Siemens we are extending our sustainability principle to the field of energy supply. This not only guarantees a reliable supply of energy for our new building and bottling plant, but also reduces our carbon footprint and protects the environment,” said Peter Peschmann, technical director at C. & A. Veltins.

“With our blue GIS switchgear, the customer benefits from both cost-effectiveness and excellent environmental compatibility,” said Stephan May, CEO of the Distribution Systems Business Unit at Siemens Smart Infrastructure. “We take advantage of gas-insulated switchgear technology, but no longer use fluorine gases. Instead, we use Clean Air, a climate-neutral insulating gas.”

In the new building at Veltins, Siemens is also installing Sivacon S8 low-voltage switchgear with the new 3WA air circuit breakers as well as the Sivacon 8PS busbar trunking system, which is significantly more flexible and economical because it replaces conventional cabling. The systems and components have full communication capabilities and are able to collect precise energy and condition data and transfer it directly to energy management and IoT systems for visualization and further analysis. Among other things, this makes it possible to identify potential savings and significantly improve operational energy efficiency.

This press release as well as press photos can be found at

<https://sie.ag/38evgoC>

For more information about Siemens Smart Infrastructure, see

www.siemens.com/smart-infrastructure

For more information about our blue GIS medium-voltage switchgear, see

www.siemens.com/bluegis

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Siemens Smart Infrastructure (SI) is shaping the market for intelligent, adaptive infrastructure for today and the future. It addresses the pressing challenges of urbanization and climate change by connecting energy systems, buildings and industries. SI provides customers with a comprehensive end-to-end portfolio from a single source – with products, systems, solutions and services from the point of power generation all the way to consumption. With an increasingly digitalized ecosystem, it helps customers thrive and communities progress while contributing toward protecting the planet. SI creates environments that care. Siemens Smart Infrastructure has its global headquarters in Zug, Switzerland. As of September 30, 2020, the business had around 69,600 employees worldwide.

Siemens AG (Berlin and Munich) is a technology company focused on industry, infrastructure, transport, and healthcare. From more resource-efficient factories, resilient supply chains, and smarter buildings and grids, to cleaner and more comfortable transportation as well as advanced healthcare, the company creates technology with purpose adding real value for customers. By combining the real and the digital worlds, Siemens empowers its customers to transform their industries and markets, to transform the everyday for billions of people. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a globally leading medical technology provider shaping the future of healthcare. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power.

In fiscal 2020, which ended on September 30, 2020, the Siemens Group generated revenue of €55.3 billion and net income of €4.2 billion. As of September 30, 2020, the company had around 293,000 employees worldwide. Further information is available on the Internet at www.siemens.com.