

Zug, November 13, 2019

**European Utility Week, November 12-14, 2019, Paris Expo Porte de Versailles,
Pavilion 1, Booth C60**

Siemens launches Reyrolle 5 protection relay series

- **Designed for future power networks and digital substations**
- **Enhanced cyber security and communications**
- **User-friendly interfaces and software**

With the new Reyrolle 5 series of protection relays, Siemens is further developing its offerings for medium-voltage and industrial power networks. The protection, control, monitoring and measuring of power networks is a vital element in managing electrical assets, increasing reliability, sustainability and the safety of operating personnel. The first device applications of the new generation of protection relay will be overcurrent and earth fault protection and transformer protection in substations. It includes comprehensive functionality as standard, with enhanced process data such as faults, events and waveform records enabling the power network to be effectively managed. The small number of device variants allows easy ordering and efficient engineering while the improved hardware platform makes it even easier to operate and manage the protection relays.

As digitalization increases, a protection device must ensure a secure electricity infrastructure. The Reyrolle 5 includes cyber security features such as digitally signed firmware and these will be further enhanced with future product releases along with security patches to address any specific threats. Reyrolle 5 offers an intuitive design with a large graphical display, tactile pushbuttons, programmable LEDs, and the user-friendly, next-generation Reydisp software. The protection relay already provides comprehensive functionalities like wide-range power supply, configurable digital input thresholds, current and voltage transformer connections, and serial and Ethernet communication. All communications protocols are also

Siemens AG
Communications
Head: Clarissa Haller

Werner-von-Siemens-Straße 1
80333 Munich
Germany

included as standard.

Thanks to its withdrawable design, Reyrolle 5 can be easily replaced without disturbing the switchgear connections. This reduces downtimes to a minimum and enables reliable and efficient lifecycle management.

Siemens already has more than 2.5 million numerical Intelligent Electrical Devices (IEDs) installed worldwide, thereof approximately half million of the Reyrolle protection relay series. The Reyrolle 5 protection solution builds on more than 100 years of history of developing protection relays with proven algorithms to ensure reliable performance.

This press release and a press picture and a press pictures are available at <https://sie.ag/2rli7Yt>

For further information on Siemens Smart Infrastructure, please see <http://www.siemens.com/smartinfrastructure>

Contact for journalists

Eva-Maria Baumann

Phone: +49 9131 17-36620; E-mail: eva-maria.baumann@siemens.com

Follow us on Twitter at: www.twitter.com/siemens_press

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, and has around 72,000 employees worldwide.

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 170 years. The company is active around the globe, focusing on the areas of power generation and distribution, intelligent infrastructure for buildings and distributed

energy systems, and automation and digitalization in the process and manufacturing industries. Through the separately managed company Siemens Mobility, a leading supplier of smart mobility solutions for rail and road transport, Siemens is shaping the world market for passenger and freight services. Due to its majority stakes in the publicly listed companies Siemens Healthineers AG and Siemens Gamesa Renewable Energy, Siemens is also a world-leading supplier of medical technology and digital healthcare services as well as environmentally friendly solutions for onshore and offshore wind power generation. In fiscal 2019, which ended on September 30, 2019, Siemens generated revenue of €86.8 billion and net income of €5.6 billion. At the end of September 2019, the company had around 385,000 employees worldwide. Further information is available on the Internet at www.siemens.com.