

Zug, March 23, 2021

Siemens to deliver a future-ready grid control center system to Sweden

- **Support reliable power supply for 965,000 citizens in Stockholm area**

Ellevio, Sweden's second largest grid company, has contracted Siemens Smart Infrastructure to deliver a new grid control system for its distribution network. The new grid control system based on Spectrum Power 7 will improve handling of increased network complexities, abnormalities, and security threats, whilst enabling improved ease and use for operators. Ellevio's control center in Karlstad is responsible for providing a reliable energy supply for 965,000 citizens in Sweden. The grid control is set up in a flexible multi-site operation with a main control center in Karlstad and a supporting control center in Stockholm for back-up.

Siemens Spectrum Power 7 is expected to better monitor and control Ellevio's high, medium and low voltage power grid. Also, the new system will improve the process for decision-making through 2D/3D situational awareness and visualization. Integration to current and future Enterprise IT systems is ensured through proven service-oriented architecture (SOA) and Web Service capabilities and Common Information Model CIM (IEC 61968) compatibility. The new control system is expected to be operational in 2022.

"In this case, Siemens is providing our new advanced grid control center solution Spectrum Power 7, which is made to enhance the operator effectiveness in ensuring a high level of real-time grid operation in addition to a high-security platform that meets the needs of the future", said Nils Klippenberg, Nordic Managing Director at Siemens Smart Infrastructure.

"With the fast-changing energy landscape, we have seen the need to upgrade our control center to meet the increasing grid complexities to ensure a stable and

reliable power supply for our customers. With Spectrum Power 7, we want to make a technological leap into the latest distribution grid operation generation. We need a secure platform to stay ahead of cybersecurity threats, and we need more transparency with the advent of more and more renewables, storage, and electromobility", said Niklas Eklund of Ellevio.

This press release and a press picture is available at <https://sie.ag/3lzqisf>

For more information about Siemens Smart Infrastructure, see www.siemens.com/smartinfrastructure

For further information on grid control, please see <https://new.siemens.com/global/en/products/energy/energy-automation-and-smart-grid/grid-control.html>

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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 global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 170 years. Active around the world, the company focuses on intelligent infrastructure for buildings and distributed energy systems and on automation and digitalization in the process and manufacturing industries. Siemens brings together the digital and physical worlds to benefit customers and society. Through Mobility, a leading supplier of intelligent mobility solutions for rail and road transport, Siemens is helping to shape the world market for passenger and freight services. Via its majority stake in the publicly listed company Siemens Healthineers, Siemens is also a world-leading supplier of medical technology and digital health services. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power that has been listed on the stock exchange since September 28, 2020.

In fiscal 2020, which ended on September 30, 2020, the Siemens Group generated revenue of €57.1 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.