

## Siemens software enables part of Vienna to increase grid capacity and accelerate energy transition

- **Aspern Smart City Research (“ASCR”) commissions Siemens to roll out new low-voltage software, LV Insights® X, to aspern Seestadt in Vienna**
- **LV Insights® X, part of the Siemens Xcelerator portfolio, will enable ASCR to create a digital twin of its distribution grid, enabling flexible network management**
- **The new software could reduce power outages by 30 percent**

Siemens continues to enable its customers globally to accelerate the energy transition, most recently through the implementation of its low-voltage software to Aspern Smart City Research (“ASCR”) in Vienna. Using Siemens’ next generation grid management software, LV Insights® X, ASCR will be able to visualize the entire low-voltage network of aspern Seestadt, a part of Vienna. aspern Seestadt is one of Europe’s largest urban development projects. With a digital twin, ASCR can identify critical segments, increase the usable capacity of its grid, and integrate more renewable energy without additional grid expansion, supporting their decarbonization efforts.

“Generating data-driven insights is essential to overcome the growing – and sometimes unpredictable – challenges in the power grid and ensuring efficient and reliable grid operations. Implementing LV Insights® X is the next milestone in our partnership with ASCR, incorporating valuable insights gained from a fruitful collaboration. We are excited to support ASCR in becoming a trailblazer on the path to net-zero,” said Sabine Erlinghagen, CEO Siemens Grid Software.

“The use of decentralized, renewable energy resources is essential in sustainable urban areas. Increased flexibility and transparency are the key to optimizing network planning and management. With LV Insights® X we can take this to a completely new level in aspern Seestadt, Vienna,” said Matthias Gressel, General Manager of ASCR.

LV Insights® X was launched in June 2023 and provides the foundation for flexible, adaptable, and scalable low-voltage grid management. Based on existing network data, ASCR can easily create a complete digital twin of its distribution network, as well as plan and operate it much more flexibly with near real-time insights. Broadly speaking, the software enables distribution system operators (DSOs) to reduce outage times by up to 30 percent. LV Insights® X is part of Siemens Xcelerator, an open digital business platform that enables customers to accelerate their digital transformation easier, faster, and at scale.

LV Insights® X is an off-the-shelf, ready-to-use solution, with a short implementation time. It is designed to have open standard interfaces, which can be configured with a simple drag and drop. With this new and flexible concept, it fits seamlessly into an existing system landscape.

This press release as well as press pictures / further material are available at <https://sie.ag/3xLMzG>

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**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, helping them 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 2022, which ended on September 30, 2022, the Siemens Group generated revenue of €72.0 billion and net income of €4.4 billion. As of September 30, 2022, the company had around 311,000 employees worldwide. Further information is available on the Internet at [www.siemens.com](http://www.siemens.com).